



# MUNICIPAL SUSTENTABILITY INDEX **2023**

# LAGOA



CATOLICA  
CESOP • SONDAGENS



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We refer first of all to the National Statistical Institute of Portugal, which publishes on its website most of the indicators used in this work or the data necessary for their calculation, thus fulfilling its mission. We would also like to mention many other entities that produce and disseminate statistics and that, on their own initiative or at our request, shared statistical information essential to the development of this Index. It includes, the Portuguese Environment Agency, the High Commission for Migration, the European Blue Flag Association, the Commission for Citizenship and Gender Equality, the National Commission for the Promotion of the Rights and Protection of Children and Young People, the Directorate-General for Agriculture and Rural Development, the Directorate-General for Local Authorities, the Directorate-General for Education, the Directorate-General for Energy and Geology, the Directorate-General for Justice Policy, the Francisco Manuel dos Santos Foundation (Pordata), the Office for Strategy and Planning in the Ministry of Labour, Solidarity and Social Security, the Regulatory Authority for Water and Waste Services, the Institute for Nature Conservation and Forests, the Institute for Employment and Vocational Training, the National Institute of Health Doutor Ricardo Jorge, Quercus, the Service for Intervention in Addicted Behaviours and Dependencies, and Turismo de Portugal.

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This report is dedicated to our colleague José Fidalgo Gonçalves. Together, we idealised and made the CESOP-Local Unit grow, the Sustainable Territories project and this Municipal Sustainability Index. Together we dreamt and made real the best that is done in terms of evaluation and monitoring of sustainable development at local level. The three who sign this document are grateful for the availability, the curiosity, the commitment, the questioning, the friendship that Fidalgo has offered us.





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## LIST OF ABBREVIATIONS

|                 |                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------|
| ABAE            | European Blue Flag Association                                                                  |
| ACM             | High Commission for Migration                                                                   |
| APA             | Portuguese Environment Agency                                                                   |
| CAE             | Portuguese Classification of Economic Activities                                                |
| CIG             | Commission for Citizenship and Gender Equality                                                  |
| CLAIM           | Local Support Centre for Migrant Integration                                                    |
| CNPDPJ          | National Commission for the Promotion of the Rights and Protection of Children and Young People |
| CO <sub>2</sub> | Carbon dioxide                                                                                  |
| CESOP           | Centre for Studies and Opinion Surveys                                                          |
| DGADR           | Directorate-General for Agriculture and Rural Development                                       |
| DGEEC           | Directorate-General for Education and Science Statistics                                        |
| DGPJ            | Directorate-General for Justice Policy                                                          |
| DGT             | Directorate-General for the Territory                                                           |
| GEP/MTSSS       | Office for Strategy and Planning in the Ministry of Labour                                      |
| IEFP            | Institute for Employment and Vocational Training                                                |
| INE             | National Statistical Institute of Portugal                                                      |
| INSA            | National Institute of Health Doutor Ricardo Jorge                                               |
| IPSSs           | Private Institutions of Social Solidarity                                                       |
| ISM             | Municipal Sustainability Index                                                                  |
| NUTS            | Nomenclature of territorial units for statistics                                                |
| OCDE            | Organisation for Economic Co-operation and Development                                          |
| SDG             | Sustainable Development Goal                                                                    |
| OMS             | World Health Organization                                                                       |
| ONU             | United Nations                                                                                  |
| PERSU 2030      | Strategic Plan for Solid Urban Waste 2030                                                       |
| PIB             | Gross Domestic Product                                                                          |
| PMII            | Municipal Plans for Immigrant Integration                                                       |
| PNEC 2030       | National Plan for Energy and Climate 2030                                                       |
| RNT             | National Tourism Register                                                                       |
| GEP/MTSSS       | Office for Strategy and Planning in the Ministry of Labour                                      |
| SCE             | Building Energy Certification System                                                            |
| SICAD           | Service for Intervention in Addicted Behaviours and Dependencies                                |
| SNIRH           | National Water Resources Information System                                                     |
| SDSN            | Sustainable Development Solutions Network                                                       |
| UNAIDS          | The Joint United Nations Programme on HIV/AIDS                                                  |
| VAB             | Gross Value Added                                                                               |
| VIH             | Human Immunodeficiency Virus                                                                    |
| VMR             | Maximum Recommended Value                                                                       |

# INTRODUCTION

“A to-do list ...”

## 2030 AGENDA

On 1 January 2016 the 2030 Agenda for Sustainable Development came into effect. This Agenda consists of 17 goals to transform our world. As Ban Ki-moon, the UN Secretary-General at the time, said, these goals are “a to-do list for people and planet, and a blueprint for success”.

“This Agenda is a plan of action for people, planet and prosperity. It also seeks to strengthen universal peace in larger freedom. We recognise that eradicating poverty in all its forms and dimensions, including extreme poverty, is the greatest global challenge and an indispensable requirement for sustainable development.

All countries and all stakeholders, acting in collaborative partnership, will implement this plan. We are resolved to free the human race from the tyranny of poverty and want and to heal and secure our planet. We are determined to take the bold and transformative steps which are urgently needed to shift the world onto a sustainable and resilient path. As we embark on this collective journey, we pledge that no one will be left behind.

The 17 Sustainable Development Goals and 169 targets which we are announcing today demonstrate the scale and ambition of this new universal Agenda.

They seek to build on the Millennium Development Goals and complete what these did not achieve. They seek to realize the human rights of all and to achieve gender equality and the empowerment of all women and girls. They are integrated and indivisible and balance the three dimensions of sustainable development: the economic, social and environmental.



The Goals and targets will stimulate action over the next fifteen years in areas of critical importance for humanity and the planet:

**People.** We are determined to end poverty and hunger, in all their forms and dimensions, and to ensure that all human beings can fulfil their potential in dignity and equality and in a healthy environment.

**Planet.** We are determined to protect the planet from degradation, including through sustainable consumption and production, sustainably managing its natural resources and taking urgent action on climate change, so that it can support the needs of the present and future generations.

**Prosperity.** We are determined to ensure that all human beings can enjoy prosperous and fulfilling lives and that economic, social and technological progress occurs in harmony with nature.

**Peace.** We are determined to foster peaceful, just and inclusive societies which are free from fear and violence. There can be no sustainable development without peace and no peace without sustainable development.

**Partnership.** We are determined to mobilize the means required to implement this Agenda through a revitalised Global Partnership for Sustainable Development, based on a spirit of strengthened global solidarity, focussed in particular on the needs of the poorest and most vulnerable and with the participation of all countries, all stakeholders and all people.

The interlinkages and integrated nature of the Sustainable Development Goals are of crucial importance in ensuring that the purpose of the new Agenda is realised. If we realize our ambitions across the full extent of the Agenda, the lives of all will be profoundly improved and our world will be transformed for the better.”

Source: United Nation, *Transforming our world: the 2030 Agenda for Sustainable Developments* *osso mundo será transformado para melhor*”.



“Leave no one behind”

## REALISATION AND LOCALISATION OF THE 2030 AGENDA

The 2030 Agenda sets 17 Sustainable Development Goals (SDG), composed by 169 targets. On the 6th July 2017, the UN General Assembly approved a set of 252 indicators that seek to reflect and measure accurately these targets (Resolution 71/313). These indicators were mostly designed for an overall assessment of each State. However, as reflected very well in Resolution 70/1, adopted by the General Assembly on 25 September 2015, “Leave no one behind” (p.3) “Recognizing that the dignity of the human person is fundamental, we wish to see the Goals and targets met for all nations and peoples and for all segments of society. And we will endeavour to reach the furthest behind first.” (p.3). For this reason, Resolution 71/313 clearly states that “Sustainable Development Goal indicators should be disaggregated, where relevant, by income, sex, age, race, ethnicity, migratory status, disability and geographic location”.

Because the country is not homogenous and because we need everyone on board, we have tried to study the applicability of global indicators (those proposed in Resolution 71/313) to local reality, in line with what the National Statistical Institute of Portugal (INE)<sup>1</sup> is already doing for the national reality, seeking to maintain coherence and alignment between the various levels of analysis (global, national, local). Whenever local level data are available for the indicators used by INE, we adopt these indicators. When this information is not disaggregated or does not exist at the municipal level, we try to determine if data is available at the municipal level for the indicators proposed by various

entities for monitoring the 2030 Agenda at the national or local level.

This year, the indicators as well as the evaluation criteria have been revised and updated based on the following reference documents:

- IAEG-SDGs – *Global indicator framework for the Sustainable Development Goals and targets of the 2030 Agenda for Sustainable Development* (E/CN.3/2021/2, Annex)
- INE - *Objetivos de desenvolvimento sustentável - Agenda 2030 Indicadores para Portugal - 2015-2022*
- Eurostat - *Sustainable development in the European Union - Monitoring report on progress towards the SDGs in an EU context - 2023 edition*
- OCDE – *The Short and Winding Road to 2030 - Measuring Distance to the SDG Targets*
- OCDE – *A Territorial Approach to the Sustainable Development Goals*
- SDSN – *Implementing the SDG Stimulus. Sustainable Development Report 2023.*
- SDSN e SDSN Europe – *Achieving the SDGs: Europe’s Compass in a Multipolar World. Europe Sustainable Development Report 2022*

In 2018 we presented the first version of a sustainable development index at municipal level. Since 2019 we constantly presented improved versions of the first one. This document you are now reading is the fifth version of this our Municipal Sustainability Index. It is also (and always) a work in progress document, resulting from the investigation carried out by the CESOP-Local

<sup>1</sup> INE, *Objetivos de Desenvolvimento Sustentável*, 2023

team and from the collaboration that the partner municipalities have been willing to offer in meetings and in digital forums created for this purpose. Inspired by the SDG-Index

methodology<sup>2</sup>, it is an index that allows each municipality to obtain a diagnosis of its territory regarding each of the 17 SDGs and each of the targets and indicators analysed.

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<sup>2</sup> <https://www.sdgindex.org/>

## THE MUNICIPAL SUSTAINABILITY INDEX

The sixth version of the ISM was established from data available on the websites of various institutions. The majority of the data was collected from the INE website<sup>3</sup>, but also from the PORDATA website<sup>4</sup>, and official websites of different General Directorates. Some State bodies and some private organisations collaborated by sharing with us data, disaggregated to municipal level, from their studies and reports.

This work is not completed. We seek a constant improvement of the quality of our data and indicators with the contribution of our partner municipalities and the different entities that produce and disseminate statistics in Portugal. Improvement that is reflected:

- **In the number of indicators.** This version of the ISM has 146 indicators (125 unique), related to 70 targets, improving the numbers from the previous year (133/130/129/123/101 indicators, related to 66/66/66/64/65 targets).

- **In standardisation and alignment.** The continuous improvement process through the standardisation of processes and criteria is more important than the increase in the number of indicators and targets covered, in order to align this Index with the work developed by the national and European statistical authorities.
- **In the graphic presentation.** Year after year, our commitment is to make our report simpler, more informative and easier to read. The changes from the first edition to this one are quite significant, as it seeks to bring more information related to the evolution of each indicator, focusing the analysis and the reading more on the path than on the point on the way.

The following figure shows the number of indicators that CESOP-Local was able to gather for each SDG and compares this number with the indicators proposed by the United Nations and with the sets of indicators used by Eurostat and INE.

<sup>3</sup> [www.ine.pt](http://www.ine.pt)

<sup>4</sup> [www.pordata.pt](http://www.pordata.pt)

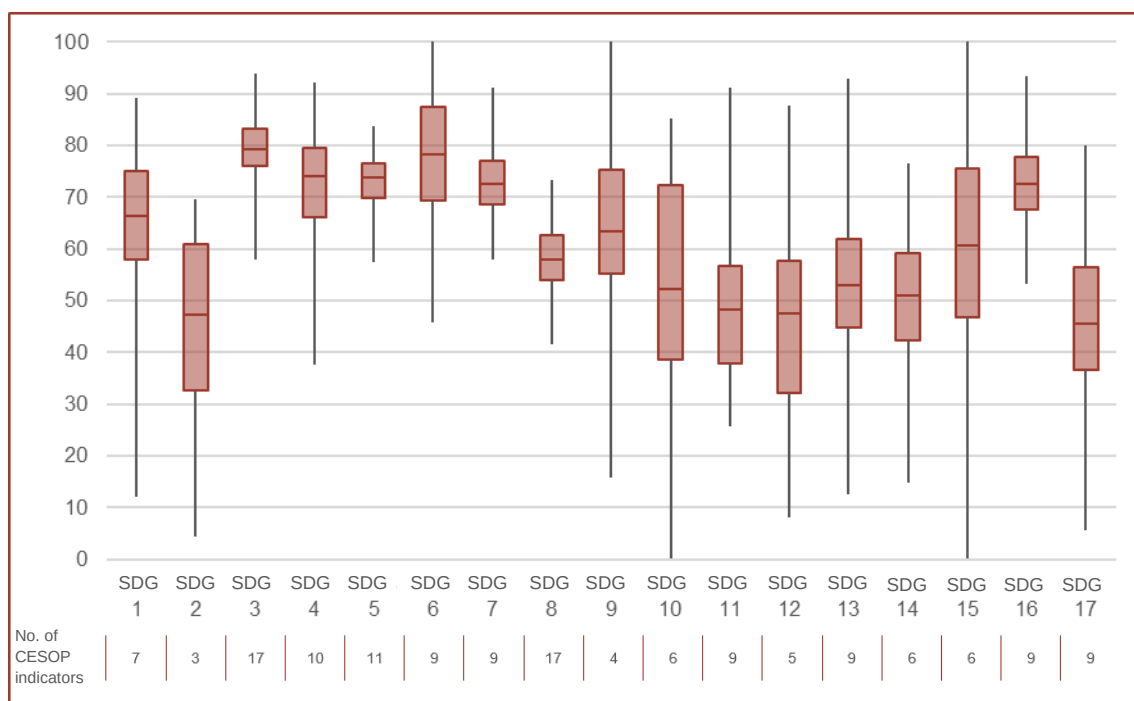
## Number of indicators per SDG in the other monitoring reports \*



**Data availability at the local level.** Data availability at the municipal level fluctuates considerably from SDG to SDG, and some SDGs have very few indicators. Consequently, the evaluation of the SDGs at the municipal level is sometimes dependent on a small number of indicators, which limits the scope of the information on the SDGs and, at the same time, creates issues in the distribution of values between municipalities.

We intend to illustrate this issue in graph 1. In this whiskers box plot, for each SDG, the maximum and minimum value (maximum and minimum limits of the vertical lines) obtained by municipalities in the country can be observed. The larger or smaller size of the box indicates greater or lesser dispersion in the distribution of results between municipalities.

*Graph 1: Variation of municipalities' performance in meeting the Sustainable Development Goals*



**Definition of limits and normalisation of the indicators.** Each indicator has its own unit of measurement. In order to be aggregated, all indicators have to be normalised, which means that they are all converted into a scale from 0 (zero) to 100 (one hundred). This requires the definition of a maximum value, which represents the objective to be reached, and a minimum value, which represents the starting point (e.g. 2015 value) or the minimum acceptable value.

The criteria used in the definition of limit values, classified according to the OECD methodology, are shown in the table below.

The limit values defined for each of the indicators can be found in the Annexes to this report

$$\frac{(\text{Municipality value} - \text{Minimum value})}{(\text{Maximum value} - \text{Minimum value})} * 100$$

*Normalisation formula*

| Means of setting limit values for indicators |                                                                                           |                                                                                                                                                                                        |
|----------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A1</b>                                    | SDG-based, absolute target in the future                                                  | End-value referred to in SDGs, e.g. infant mortality at 12 per 1 000 lives                                                                                                             |
| <b>A2</b>                                    | SDG-based, target relative to starting position                                           | End-value referred to in SDGs, e.g. reduce by half the proportion of people living in poverty                                                                                          |
| <b>B1</b>                                    | Other international agreement or shared aspirations, absolute target in the future        | End-value set by International Agreements, Good Practices or other Established Frameworks, e.g. achieve 60% of municipal waste prepared for re-use and recycling (European Commission) |
| <b>B2</b>                                    | Other international agreement or shared aspirations, target relative to starting position | End-value set by International Agreements, Good Practices or other Established Frameworks, e.g. Reduce greenhouse gas emissions by 60% compared with 2009 level (European Commission)  |
| <b>C1</b>                                    | No explicit value; performance benchmarked against OECD or EU top performers              | End-value set by CESOP-Local by based on the 5 top performers within the country, OECD countries or EU countries in 2015                                                               |
| <b>C2</b>                                    | No explicit value, estimated on the basis of national values                              | End-value set by CESOP-Local by based on country values in 2015: national average + or - standard deviation * 1.5                                                                      |
| <b>D</b>                                     | No normative direction                                                                    |                                                                                                                                                                                        |



## RESULTS AND INTERPRETATION

The Municipal Sustainability Index is composed of 146 indicators. They represent the various targets set out in the 2030 Agenda and these, in turn, reflect the 17 SDGs. This index provides a global value that shows the municipality's position between the worst (0) and the best (100) possible regarding its sustainable development. Thus, for instance, a value of 62.8 means that, on average, 62.8% of the path to sustainable development is fulfilled.

Since a single number is a very reductive depiction of reality, the results for each municipality are also presented for each of the 5Ps (People, Planet, Prosperity, Peace and Partnerships) and for each of the GESA dimensions (Governance, Economy, Social, Environment). These are two ways of aggregating the 17 SDGs and targets of the 2030 Agenda, and present themselves as intuitive ways of reducing and presenting statistical information related to sustainable development.

**From indicators to targets.** The score for each target is the arithmetic mean of the scores of the indicators that constitute it.

**From the targets for the SDGs.** The score for each SDG is the arithmetic mean of the scores of the targets that constitute it.

**From the SDGs to the 5Ps.** The score of each of the 5Ps (People, Planet, Prosperity, Peace and Partnerships) is the arithmetic mean of the SDGs that are aggregated in it.

**From the targets for the GESA.** Each target was assigned with one or more of the GESA dimensions (Governance, Economy, Social, Environment). The score for each of these four dimensions results from the arithmetic mean of the targets assigned to it.

This report uses a colour system to classify the municipality's situation for each indicator,

target and SDG. The colours used, respecting the international colour system, are green, yellow, orange and red. The meaning of the colours for indicators, targets and Sustainable Development Goals is as follows:

1. Indicators (only in the annex)
  - a. Indicator shown in **green** means that it is fully achieved;
  - b. Indicator shown in **yellow**, more than half of the path is completed;
  - c. Indicator shown in **orange**, less than half of the path has been completed;
  - d. Indicator shown in **red**, all the work is yet to be done.
2. Targets (only in the annex)
  - a. Green, if all indicators are green;
  - b. Yellow, if the average of the indicators' score is above 50 on a scale of 0 to 100;
  - c. Orange, if the average of the indicators' score is below 50;
  - d. Red, if all indicators are red.
3. Sustainable Development Goals
  - a. Green, if all targets are green;
  - b. Yellow, if the average of the two worst performing targets is above 50;
  - c. Orange, if the average of the two worst performing targets is below 50;
  - d. Red, if at least two targets are red

**Comparison Levels.** In addition to the results of the municipality, this report also presents the results at the national level, and the results of the NUTS II and NUTS III regions where the municipality is located. Since the third edition, the municipality has the possibility to compare itself with the average scores of the fifteen municipalities with the closest socio-economic profile. These groups of socio-economically comparable municipalities were defined by

the office of the Secretary of State for Local Administration.

**Comparison with previous years.** The number of indicators used, their limit values and even some calculation methodologies differ from year to year between editions of the ISM. To maintain comparability, ISM performance from previous years are

recalculated according to the metrics used in the actual edition.

Throughout the report, a system of arrows is also used to classify the municipality's evolution for each indicator and SDGs. The meaning of the arrows, for indicators and Sustainable Development Goals, is as follow:

| Meaning of the arrows showing the municipality's progress towards the 2030 Goal objectives |                                                                                                                                  |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Arrow                                                                                      | Description                                                                                                                      |
|           | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
|           | The municipality is on track to meet the 2030 objectives, but will not be able to achieve them if it continues its current trend |
|           | The municipality is not making significant progress towards the 2030 objectives                                                  |
|         | The municipality is distancing itself from the 2030 objectives                                                                   |
|         | The municipality is far from the 2030 objective path                                                                             |

**Projections.** For indicators that have a time series with sufficient data, the line graphs show:

(1) a *Path to the objective*, which projects the ideal path that the municipality should follow or overcome to achieve its objective in 2030; based on the year 2015 (or later year where the time series starts)

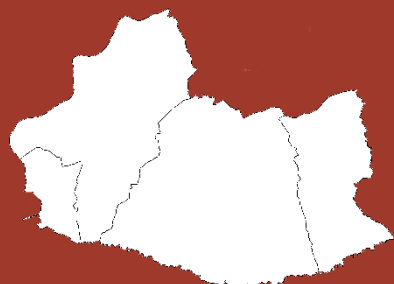
(2) a *Projection*, which represents the point where the municipality will reach in 2030 based on the evolution of data between the

year 2015 (or later year where the time series starts) and the most recent year with available information, resulting from an Excel formula. This projection is hypothetical and may present values that are impossible to achieve (e.g. reach an unemployment rate of 0%)

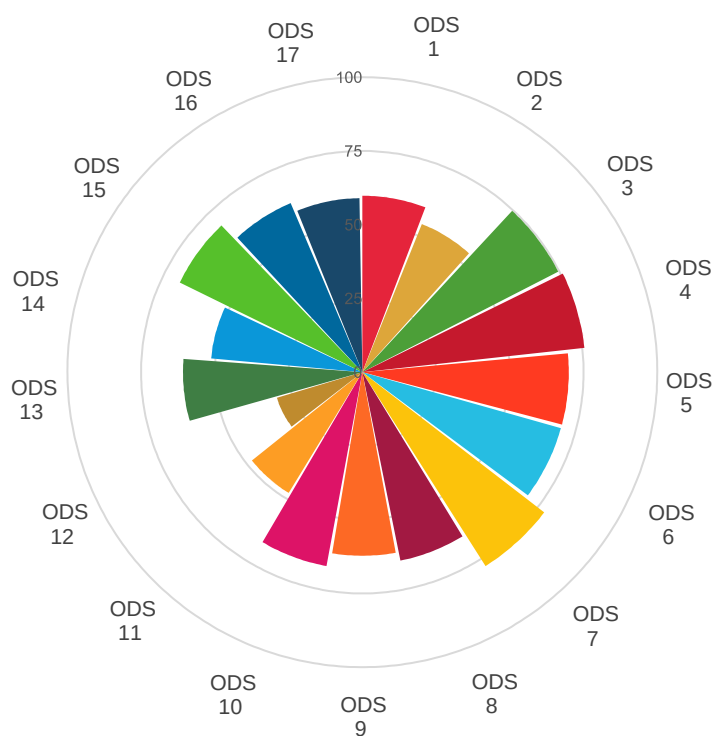
Further details on how to read the graphical information throughout this report can be found in Annex 1 (p.137).

# GLOBAL RESULTS

## LAGOA ALGARVE



### INDEX SCORE

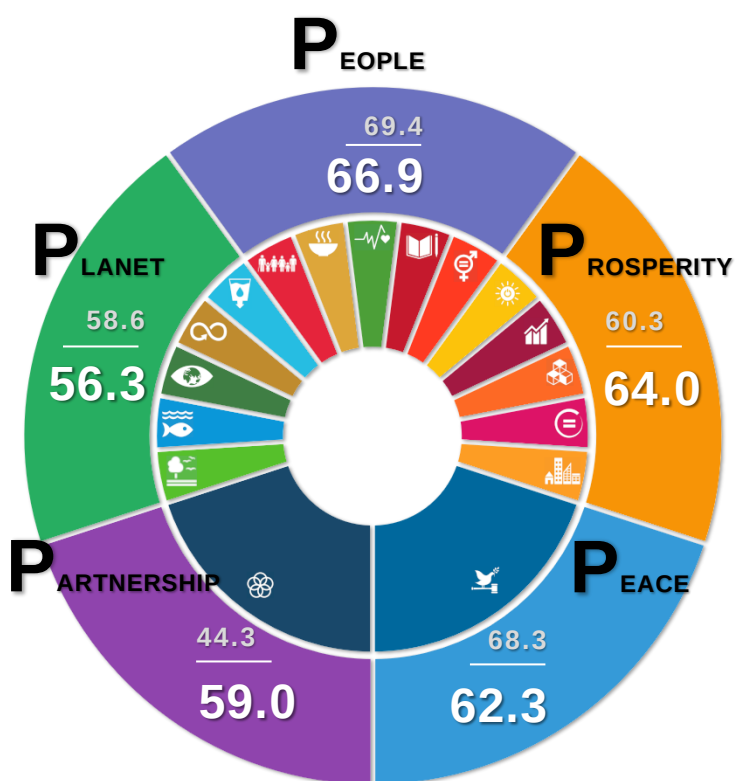


### AVERAGE PERFORMANCE BY SDG

## RESULTS BY DIMENSIONS

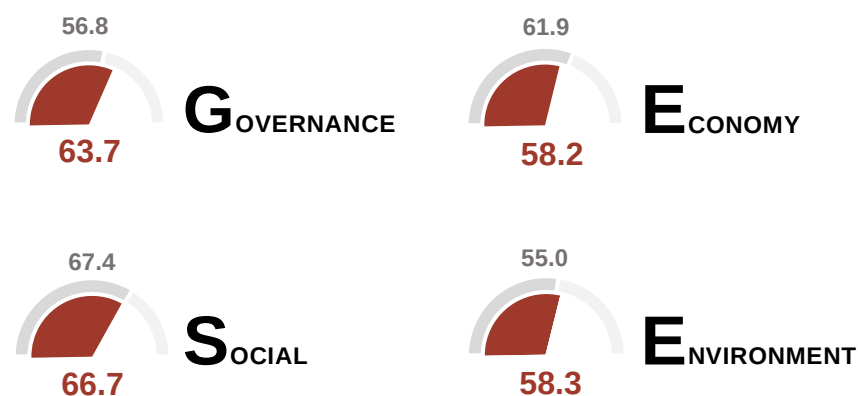
### 5P's

The 5Ps were defined in the framework of the 2030 Agenda as the five crucial areas for humanity and for the planet. These 5Ps show that the Sustainable Development Goals (SDGs) are interconnected and that in order to fulfil the Agenda, action must be taken on each of the SDGs.



### GESE

Considera-se que estas quatro dimensões representam as quatro esferas da sociedade que devem estar interligadas para assegurar um futuro sustentável, apoiada por sistemas de governo inclusivos, coerentes e transparentes.



Results of Portugal  
Results of the municipality

## AVERAGE PERFORMANCE BY SUSTAINABLE DEVELOPMENT GOAL



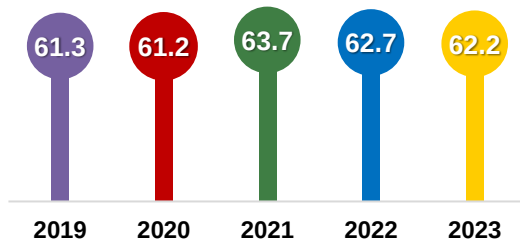
Result of the municipality | Result of Portugal

## EVOLUTION 2019-2023 OF GLOBAL RESULTS

Recalculated based on the indicators and limit values defined in the 2022 edition of the Municipal Sustainability Index

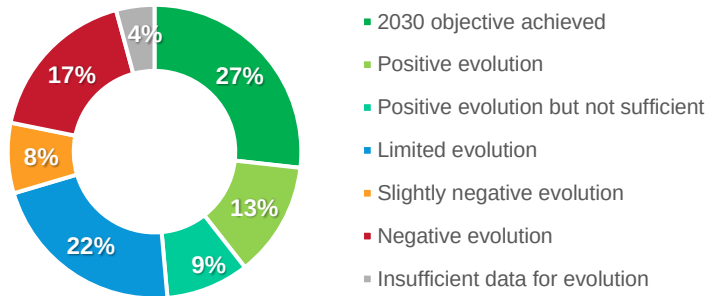
### INDEX SCORE

Arithmetic mean of the 17 SDGs



### INDICATORS BY EVOLUTION

Evolution between the year 2015 (or later year where the timeseries starts) and the most recent year with available information



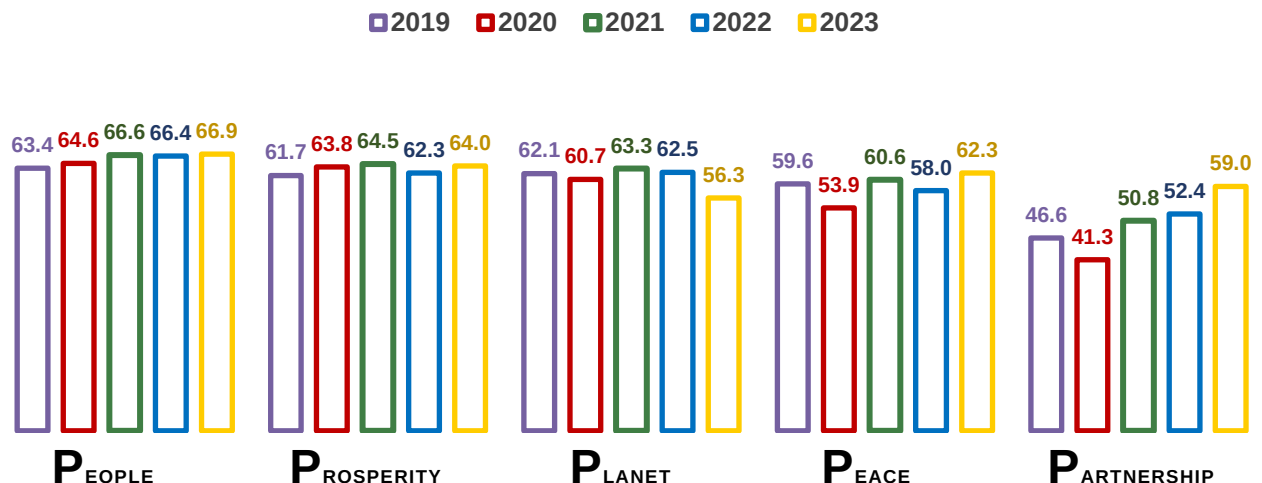
### GESE DIMENSIONS

The value of each of these four dimensions results from the arithmetic mean of the targets associated with it.

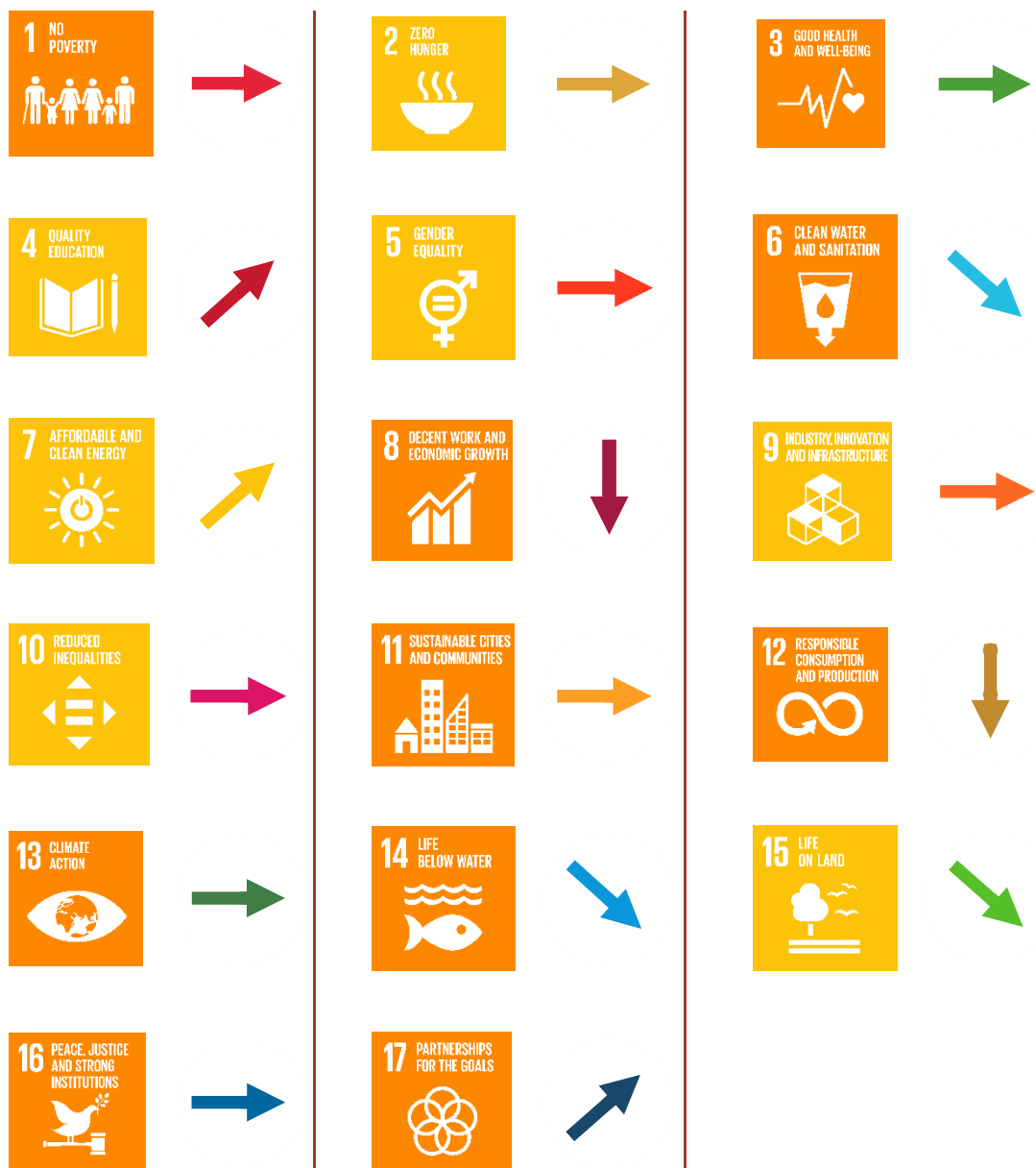
|                     | 2019 | 2020 | 2021 | 2022 | 2023 |
|---------------------|------|------|------|------|------|
| <b>G</b> OVERNANCE  | 61.3 | 57.3 | 62.7 | 62.7 | 63.7 |
| <b>E</b> CONOMY     | 58.5 | 58.2 | 58.4 | 55.3 | 58.2 |
| <b>S</b> OCCIAL     | 65.2 | 64.7 | 66.6 | 65.6 | 66.7 |
| <b>E</b> NVIRONMENT | 59.8 | 58.2 | 61.2 | 58.7 | 58.3 |

### 5P'S DIMENSIONS

The value of each of the 5P's results from the arithmetic mean of the SDGs aggregated in it.



## SUSTAINABLE DEVELOPMENT GOAL DASHBOARD AND 2019-2023 TRENDS



### Meaning of the SDG icons' colours

|  |                                                             |
|--|-------------------------------------------------------------|
|  | All targets are green                                       |
|  | The average of the two worst performing targets is above 50 |
|  | The average of the two worst performing targets is below 50 |
|  | At least two targets are red                                |
|  | SDGs not applicable in the municipality                     |

### Representation of SDG progress

|  |                                                                                                |
|--|------------------------------------------------------------------------------------------------|
|  | The municipality will achieve the SDG or has already achieved it                               |
|  | The municipality is on the right track but will not meet the SDGs if it continues at this pace |
|  | The municipality is on the opposite path of this SDG                                           |
|  | The municipality is far from the path to meet this SDG                                         |
|  | The municipality has not progressed significantly                                              |





## SDG 1

## No POVERTY

END POVERTY IN ALL ITS  
FORMS EVERYWHERE

Extreme poverty rates have been cut by more than half since 1990. While this is a remarkable achievement, one in five people in developing regions still live on less than \$1.25 a day, and there are millions more who make little more than this daily amount, plus many people risk slipping back into poverty.

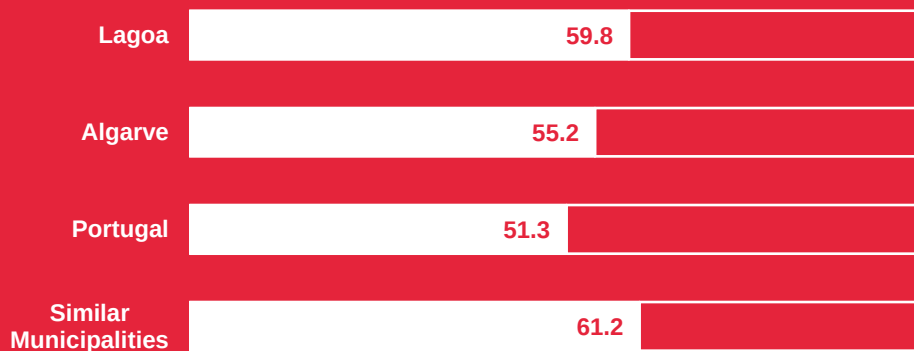
Poverty is more than the lack of income and resources to ensure a sustainable livelihood. Its manifestations include hunger and malnutrition, limited access to education and other basic services, social discrimination and exclusion as well as the lack of participation in decision-making. Economic growth must be inclusive to provide sustainable jobs and promote equality.



Photo by Claudio Bianchi

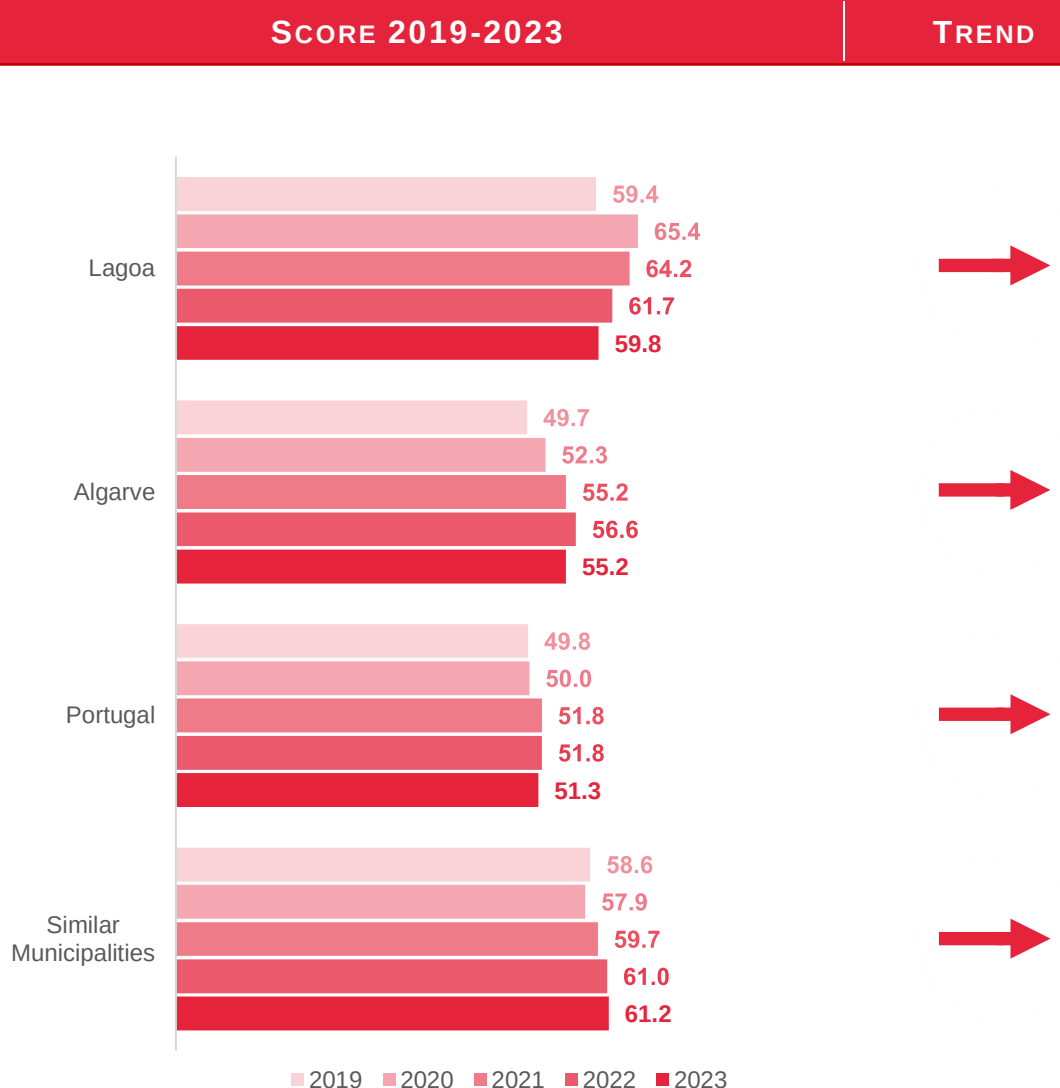
Source: UN, <https://www.un.org/sustainabledevelopment/poverty/>

## GLOBAL PERFORMANCE OF THE SDG 1



## PROGRESS ON THE SDG 1 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

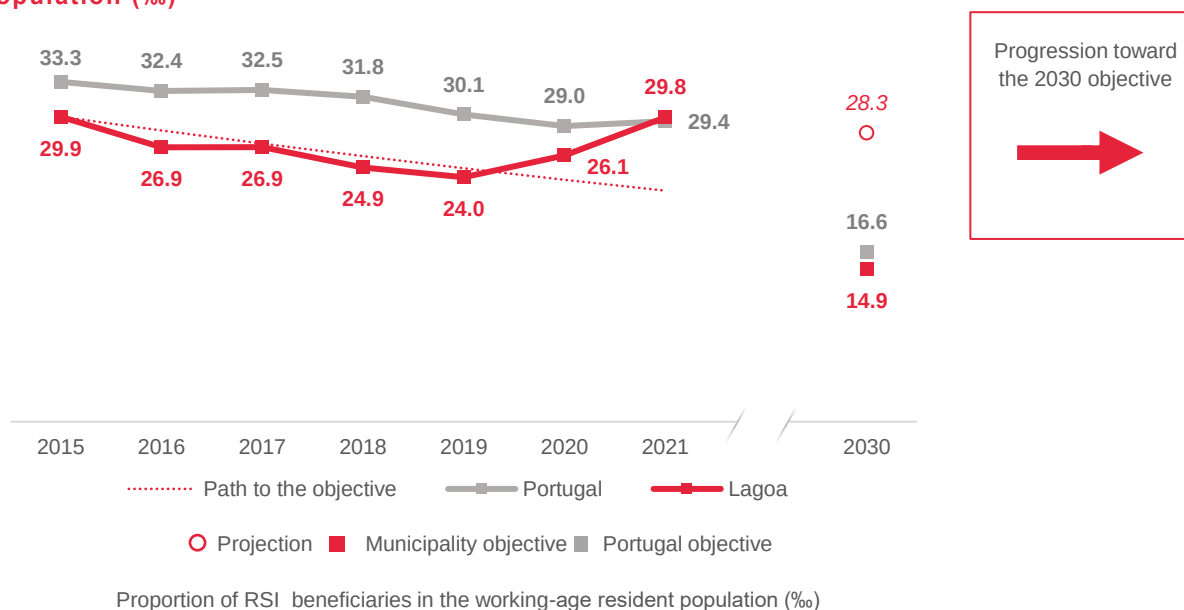


**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

| Arrow | Description                                                                                                                      |
|-------|----------------------------------------------------------------------------------------------------------------------------------|
| ↑     | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
| ↗     | The municipality is on track to meet the 2030 objectives, but will not be able to achieve them if it continues its current trend |
| →     | The municipality is not making significant progress towards the 2030 objectives                                                  |
| ↘     | The municipality is distancing itself from the 2030 objectives                                                                   |
| ↓     | The municipality is far from the 2030 objective path                                                                             |

**Target 1.2** | By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions

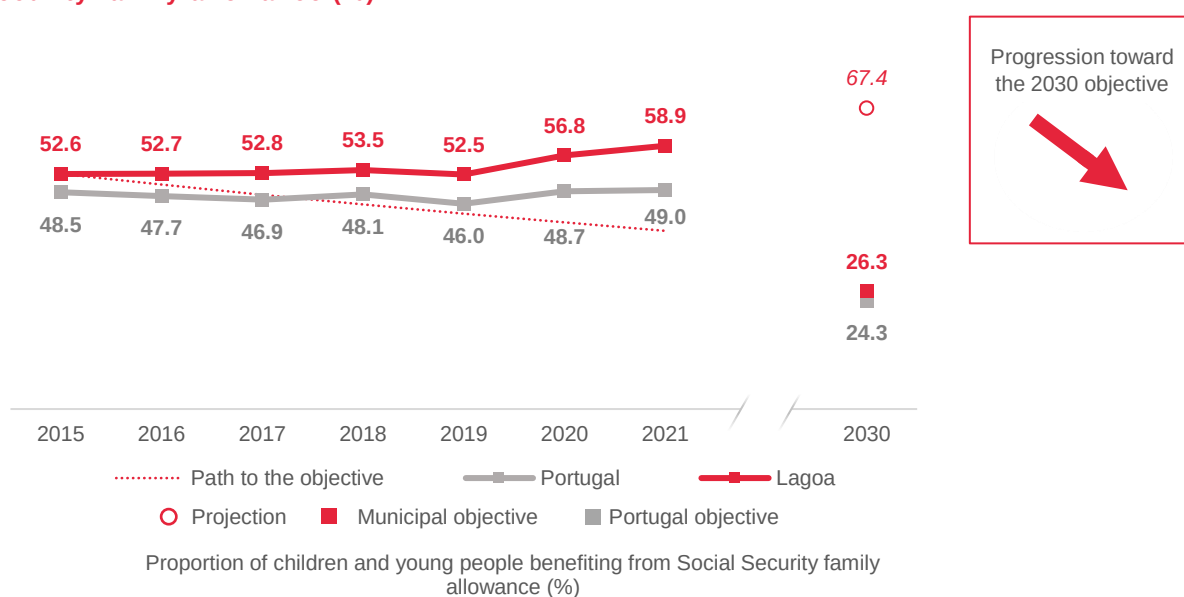
**Indicator 1.2.1. Proportion of RSI<sup>1</sup> beneficiaries in the working-age resident population (‰)**



The United Nations establishes the national poverty line as 60% of median income per equivalent adult. In Portugal, the poverty line corresponds to 474€ (2015).

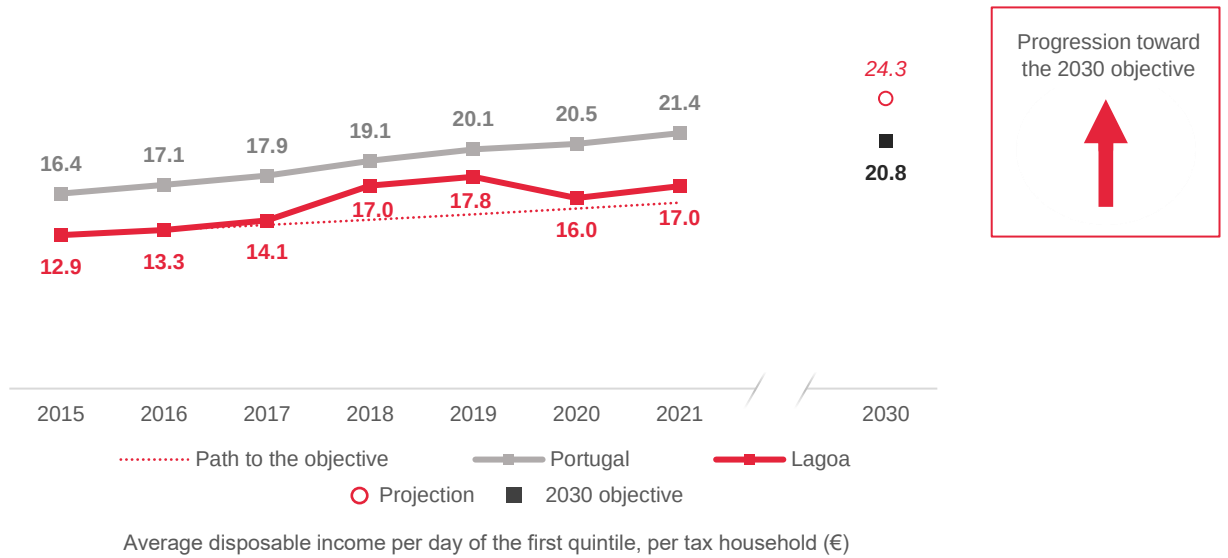
The Social Insertion Income (RSI) is granted if the pensioner earns less than 190€ per month.

**Indicator 1.2.2. Proportion of children and young people benefiting from Social Security family allowance (%)**



<sup>1</sup> The Social Insertion Income (RSI, Portuguese acronym) is a benefit of the Portuguese Solidarity Subsystem within the Social Protection System of Citizenship of the Portuguese Social Security.

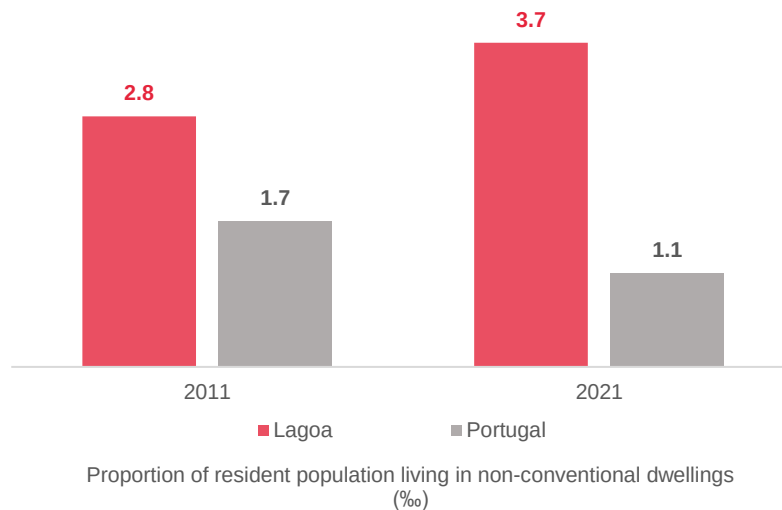
**Indicator 1.2.3. Average disposable income per day of the first quintile, per tax household (€)**



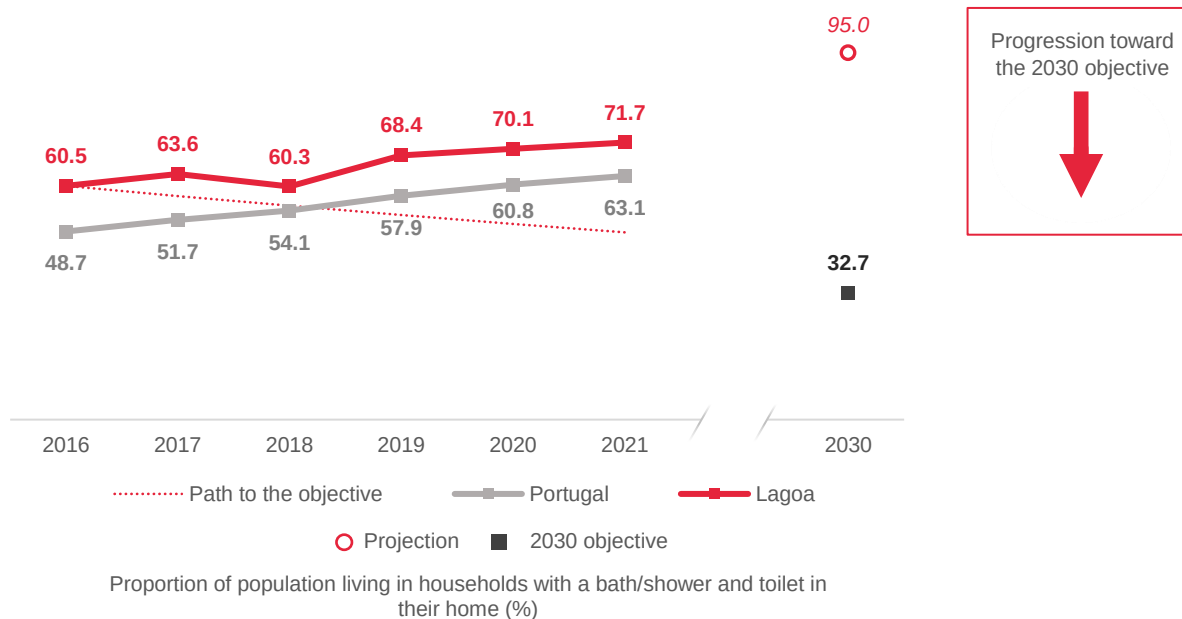
Source: INE (2015-2021), calculated by CESOP

**Target 1.4 |** By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance

**Indicator 1.4.1(a). Proportion of resident population living in non-conventional dwellings (‰)**

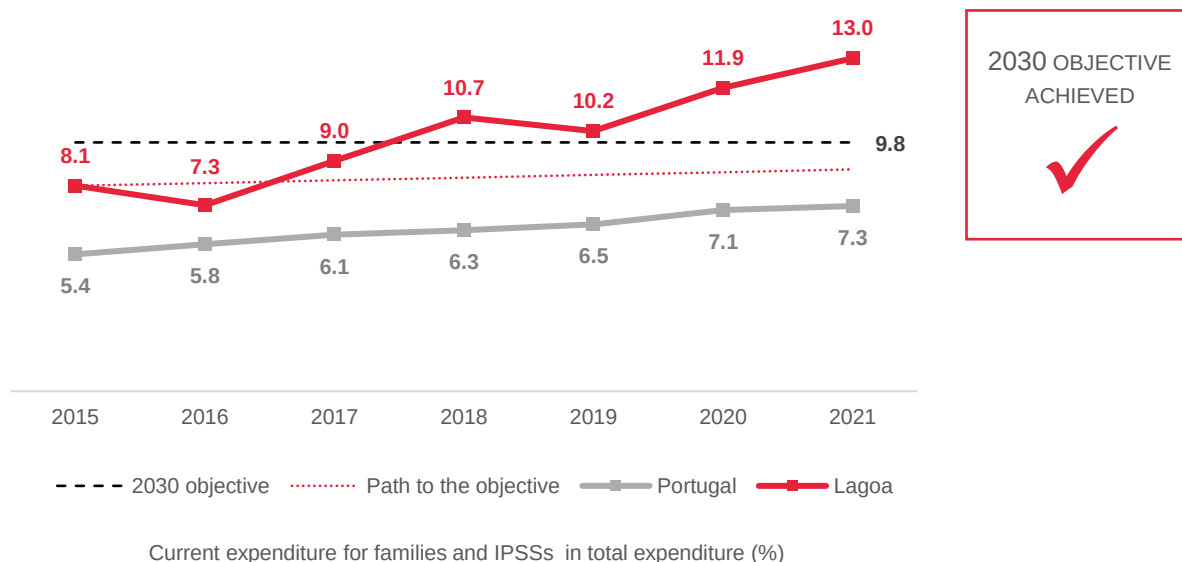


Source: INE (2011 and 2021), calculated by CESOP

**Indicator 1.4.1(b). Proportion of population living in households with a bath/shower and toilet in their home (%)<sup>2</sup>**

Source: INE (2016-2021), calculated by CESOP

**Target 1.b | Create sound policy frameworks at the national, regional and international levels, based on pro-poor and gender-sensitive development strategies, to support accelerated investment in poverty eradication actions**

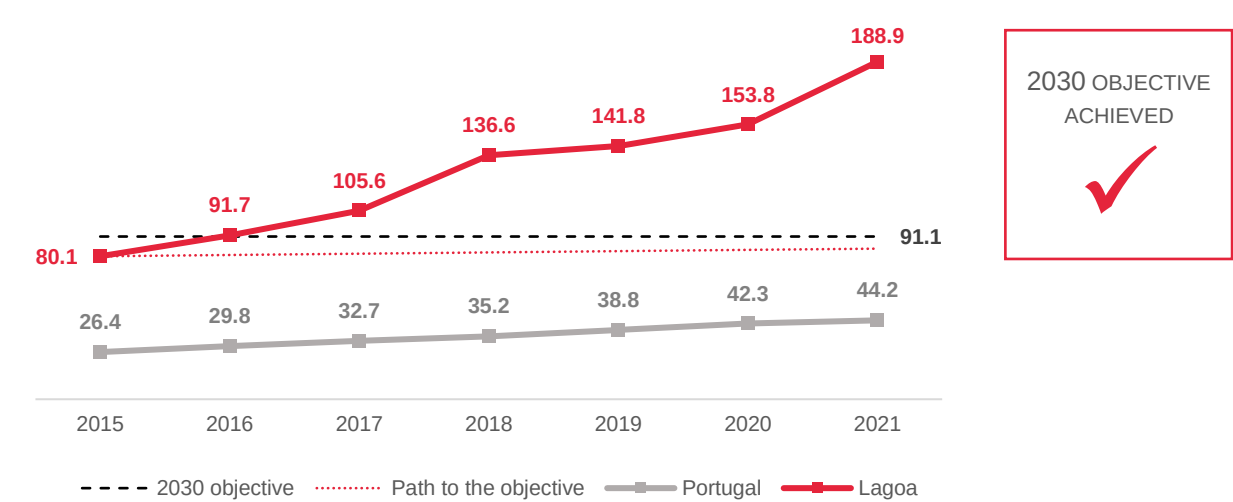
**Indicator 1.b.1(a). Current expenditure for families and IPSSs<sup>3</sup> in total expenditure (%)**

Source: Portal Autárquico (2015-2021), calculated by CESOP

<sup>2</sup> Indicators 1.4.1 (a) and (b) are partial indicators that complement each other in correspondence with UN indicator 1.4.1 "Proportion of population living in households with access to basic services".

<sup>3</sup> An IPSS (Instituição Particular de Solidariedade Social) in Portugal is a non-profit institution set up on the initiative of private individuals with the aim of giving organised expression to the moral duty of solidarity and justice between individuals, on condition that they are not administered by the State or by a local authority body

Indicator 1.b.1(b). Current expenditure for families and IPSSs per capita (€)



Current expenditure for families and IPSSs per capita (€)

Source: Portal Autárquico (2015-2021), calculated by CESOP



## SDG 2

ZERO  
HUNGER

END HUNGER, ACHIEVE FOOD  
SECURITY AND IMPROVED  
NUTRITION AND PROMOTE  
SUSTAINABLE AGRICULTURE

It is time to rethink how we grow, share and consume our food.

If done right, agriculture, forestry and fisheries can provide nutritious food for all and generate decent incomes, while supporting people-centered rural development and protecting the environment.

Right now, our soils, freshwater, oceans, forests and biodiversity are being rapidly degraded. Climate change is putting even more pressure on the resources we depend on, increasing risks associated with disasters such as droughts and floods. Many rural women and men can no longer make ends meet on their land, forcing them to migrate to cities in search of opportunities. profound change of the global food and agriculture system is needed if we are to nourish today's 795 million hungry and the additional 2 billion people expected by 2050.

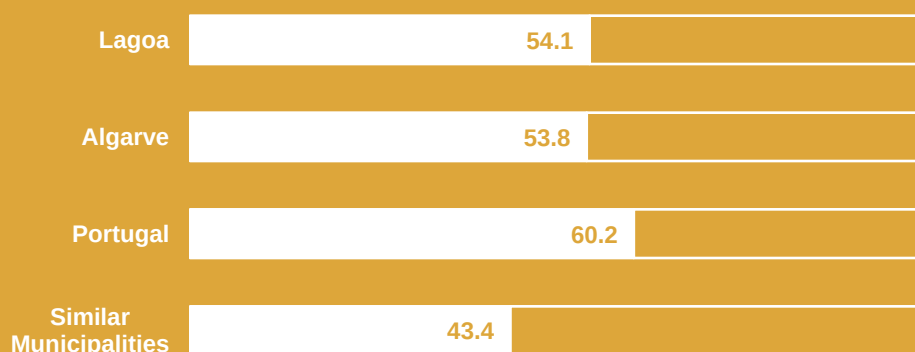
The food and agriculture sector offers key solutions for development, and is central for hunger and poverty eradication.

Source: ONU, <https://www.un.org/sustainabledevelopment/hunger/>



Photo by prostooleh

## GLOBAL PERFORMANCE OF THE SDG 2

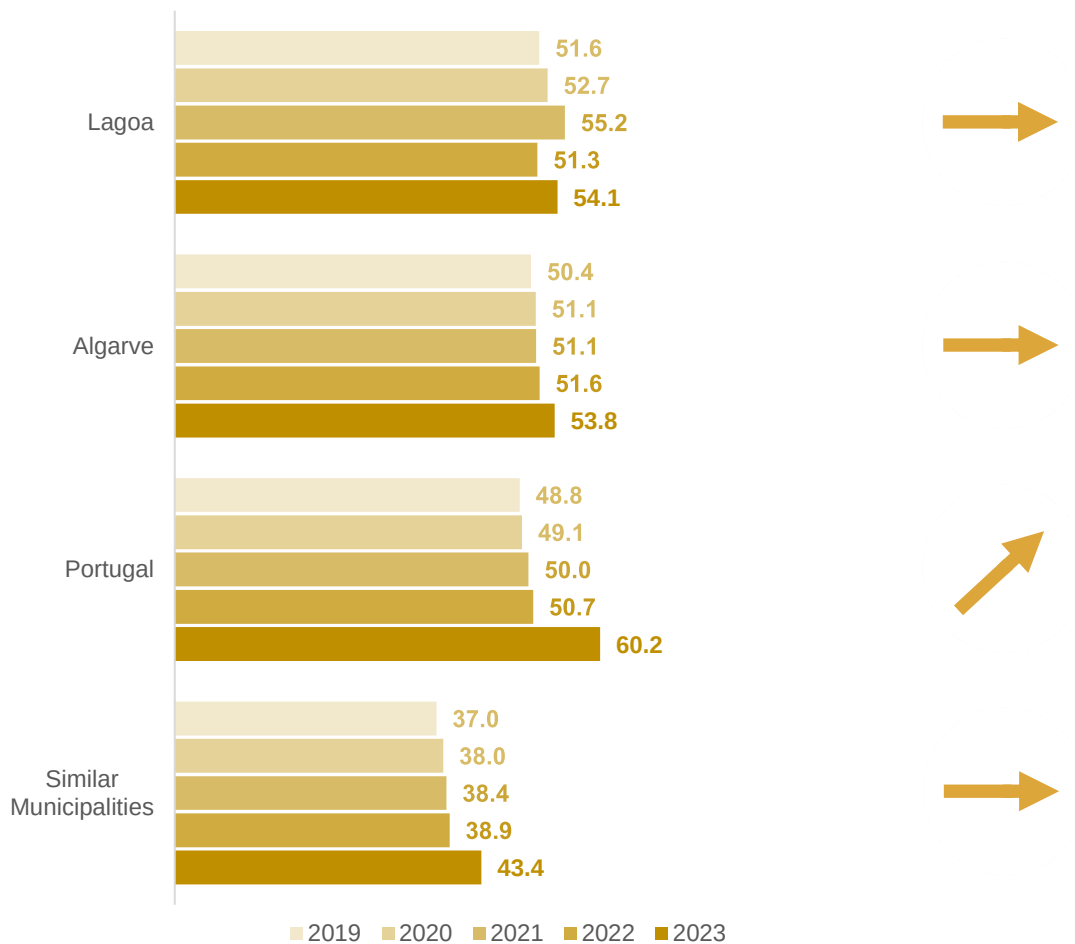


## PROGRESS ON THE SDG 2 PERFORMANCE BETWEEN 2019 AND 2022

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND

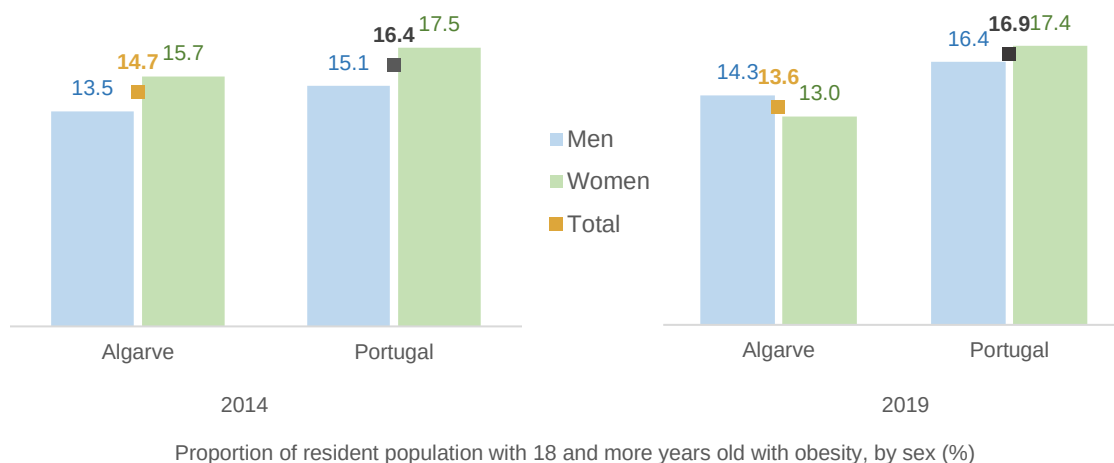


**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

| Arrow | Description                                                                                                                    |
|-------|--------------------------------------------------------------------------------------------------------------------------------|
| ↑     | The municipality is on track to meet the 2030 objective, and progress is sufficient to achieve them                            |
| ↗     | The municipality is on track to meet the 2030 objective but will not be able to achieve them if it continues its current trend |
| →     | The municipality is not making significant progress towards the 2030 objective                                                 |
| ↘     | The municipality is distancing itself from the 2030 objective                                                                  |
| ↓     | The municipality is far from the 2030 objective path                                                                           |

**Target 2.2** | By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons

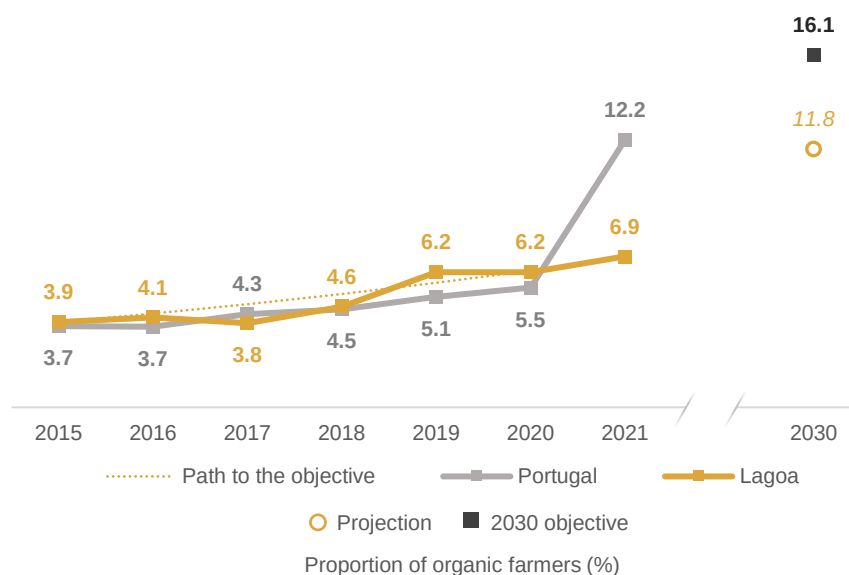
**Indicator 2.2.2. Proportion of resident population with 18 and more years old with obesity, by sex, NUTS II (%)**



Source: INE (2014 and 2019), no data at municipal level

**Target 2.4** | By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality

**Indicator 2.4.1. Proportion of organic farmers (%)<sup>2</sup>**



Progression toward the 2030 objective



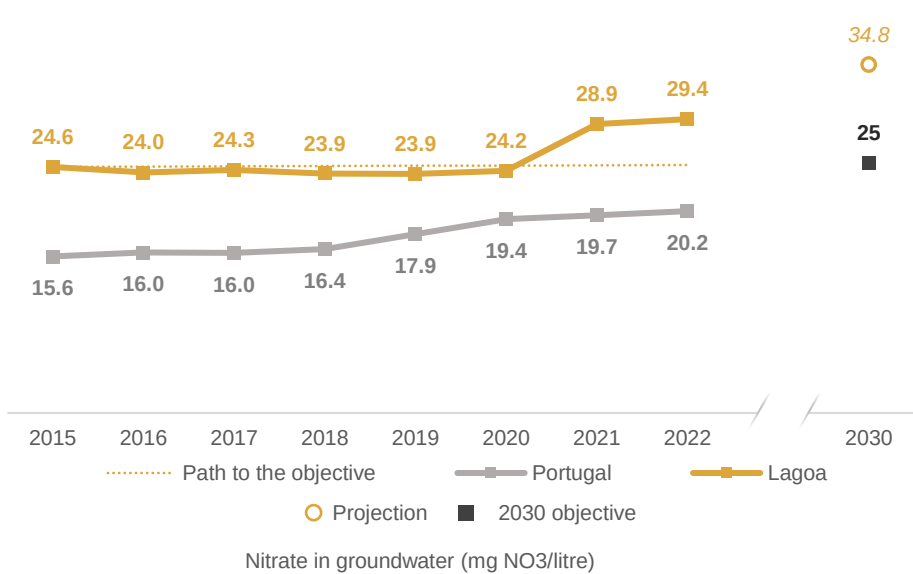
#### ORGANIC FARMING

Mode of production that aims to produce high quality, healthy food and textile fibers, while promoting sustainable practices and positive impact on the agricultural ecosystem.

Source: DGADR (2015-2021), calculated by CESOP

<sup>2</sup> The original UN indicator refers to "Proportion of agricultural area under productive and sustainable agriculture (%)" which may cover more practices than just certified organic farming. The INE, OECD and Eurostat refer to the proportion of agricultural area under organic farming, while the ISM indicator corresponds to the proportion of producers and preparers.

Indicator 2.4.2. Nitrate in groundwater (mg NO3/litre)



Source: SNIRH (2011/2015-2018/2022), calculated by CESOP

## SDG 3

# GOOD HEALTH AND WELL-BEING

ENSURE HEALTHY LIVES AND  
PROMOTE WELL-BEING FOR  
ALL AT ALL AGES

Ensuring healthy lives and promoting the well-being for all at all ages is essential to sustainable development. Significant strides have been made in increasing life expectancy and reducing some of the common killers associated with child and maternal mortality. Major progress has been made on increasing access to clean water and sanitation, reducing malaria, tuberculosis, polio and the spread of HIV/AIDS. However, many more efforts are needed to fully eradicate a wide range of diseases and address many different persistent and emerging health issues.



Photo by gpointstudio

Source: UN, <https://www.un.org/sustainabledevelopment/health>

## GLOBAL PERFORMANCE OF THE SDG 3

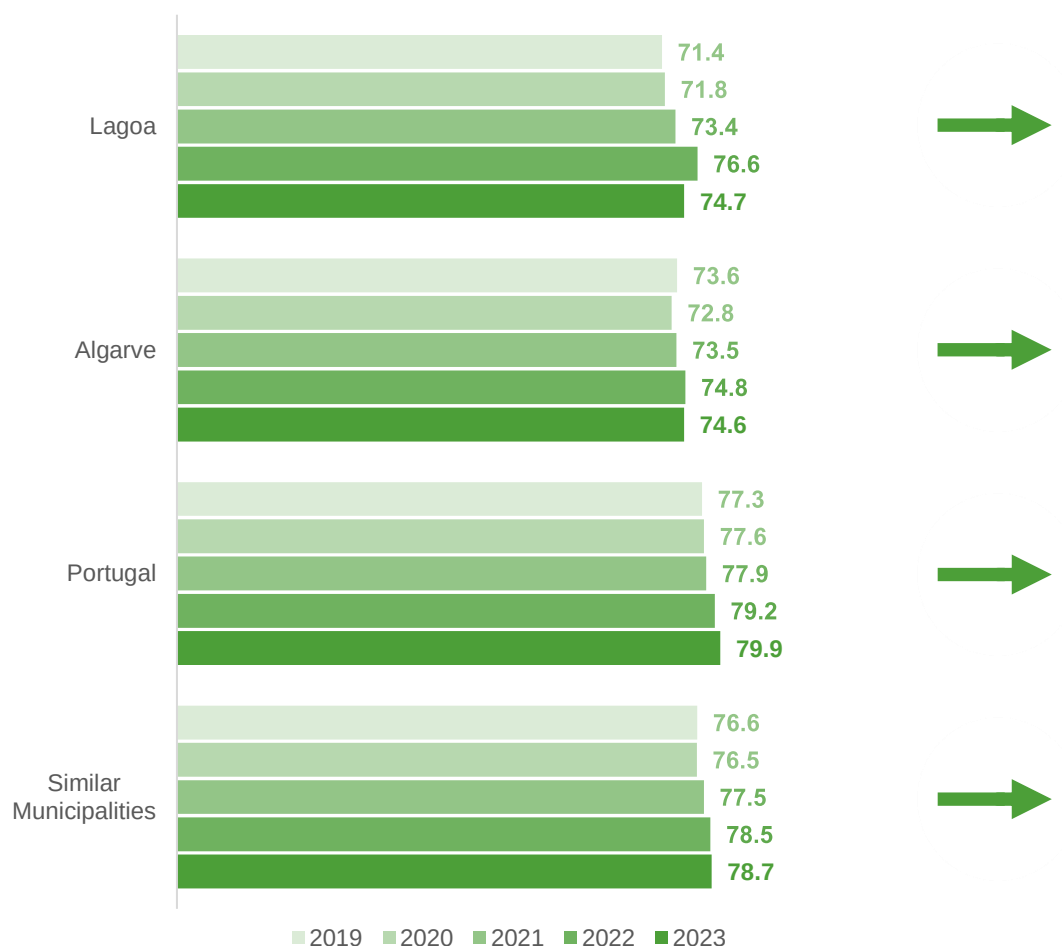


## PROGRESS ON THE SDG 3 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND

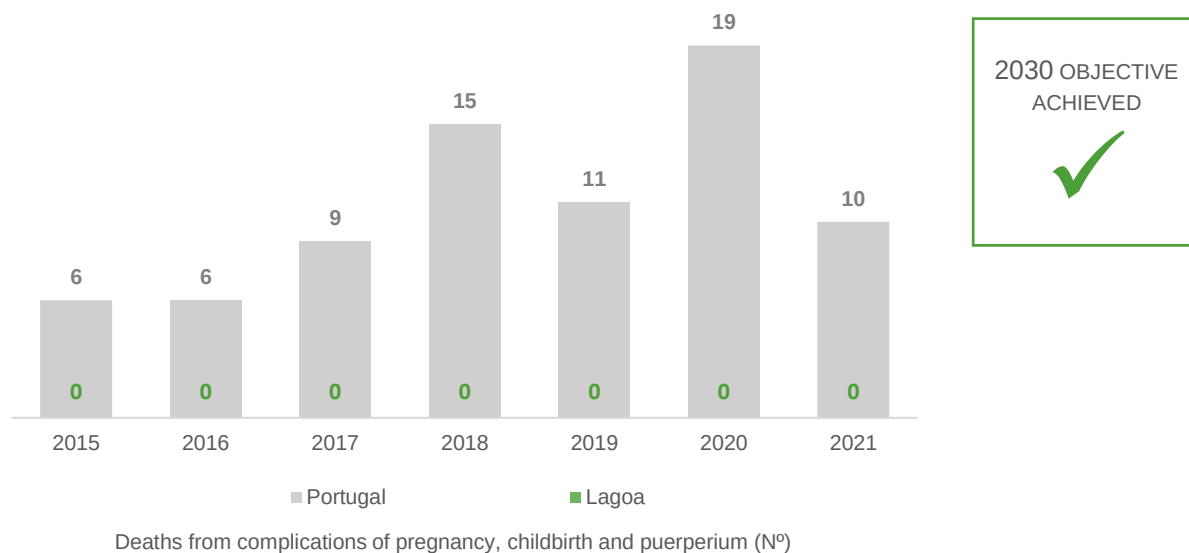


**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

| Arrow                                                                               | Description                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
|  | The municipality is on track to meet the 2030 objectives, but will not be able to achieve them if it continues its current trend |
|  | The municipality is not making significant progress towards the 2030 objectives                                                  |
|  | The municipality is distancing itself from the 2030 objectives                                                                   |
|  | The municipality is far from the 2030 objective path                                                                             |

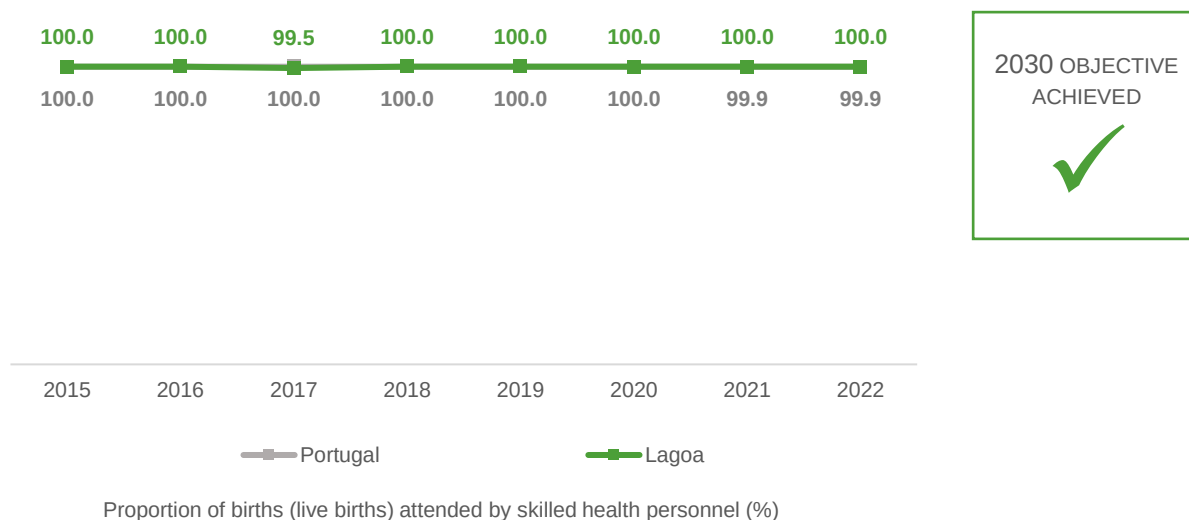
**Target 3.1** | By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births

**Indicator 3.1.1. Deaths from complications of pregnancy, childbirth and puerperium (Nº)<sup>3</sup>**



Source: INE (2015-2021)

**Indicator 3.1.2. Proportion of births (live births) attended by skilled health personnel (%)**

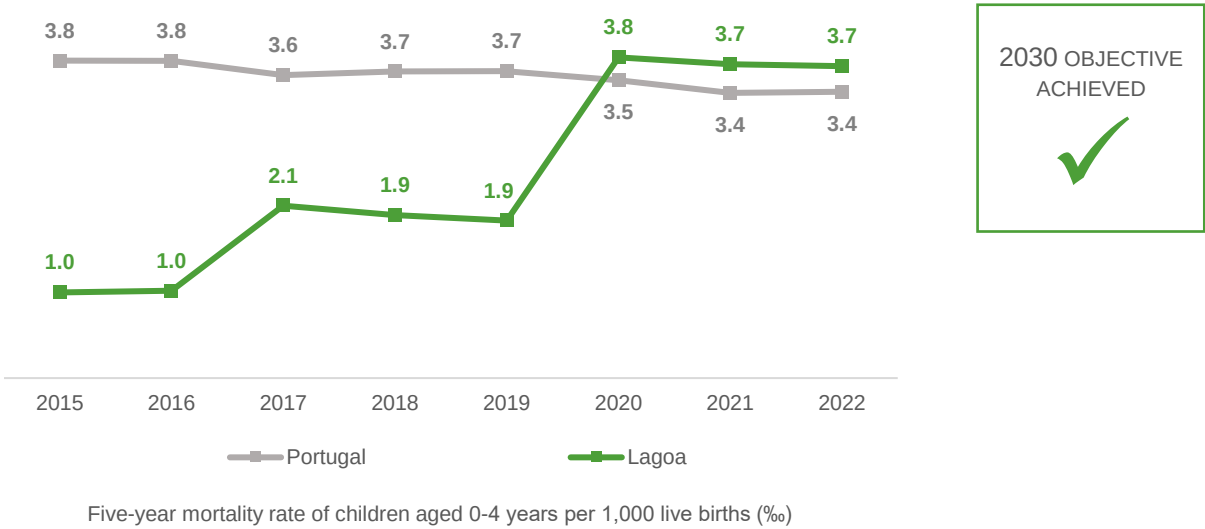


Source: INE (2015-2022), calculated by CESOP

<sup>3</sup> As the number of cases in Portugal is very low, we have chosen to present this indicator in total number of cases rather than using the rate per 100,000 live births, as is the practice in other organisations.

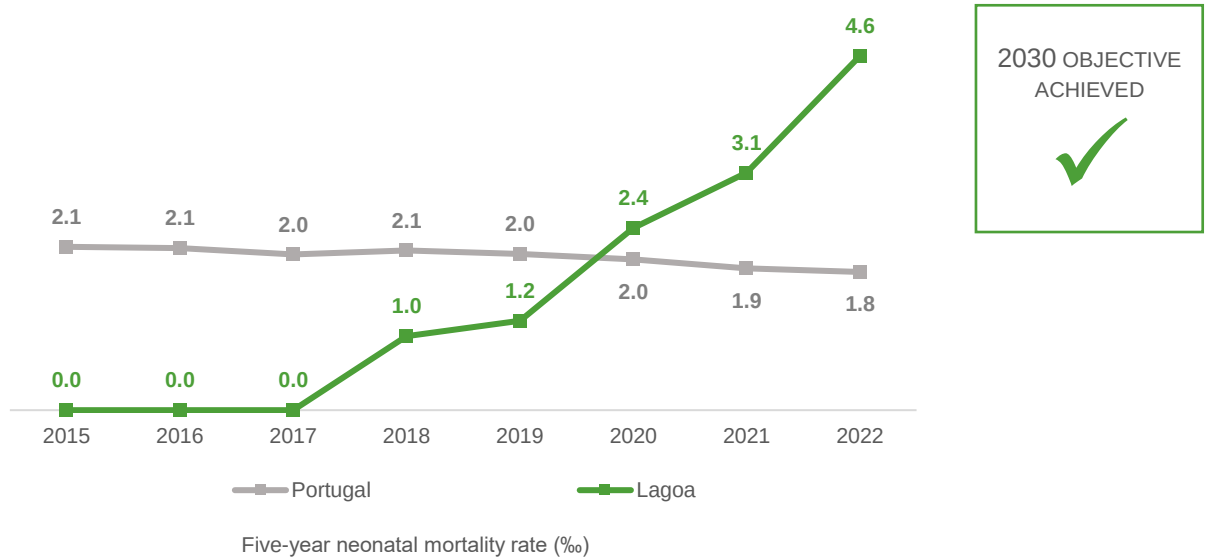
**Target 3.2 |** By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000 live births

**Indicator 3.2.1. Five-year mortality rate of children aged 0-4 years per 1,000 live births (‰)**



Source: INE (2011/2015-2018/2022), calculated by CESOP

**Indicator 3.2.2. Five-year neonatal mortality rate (‰)**



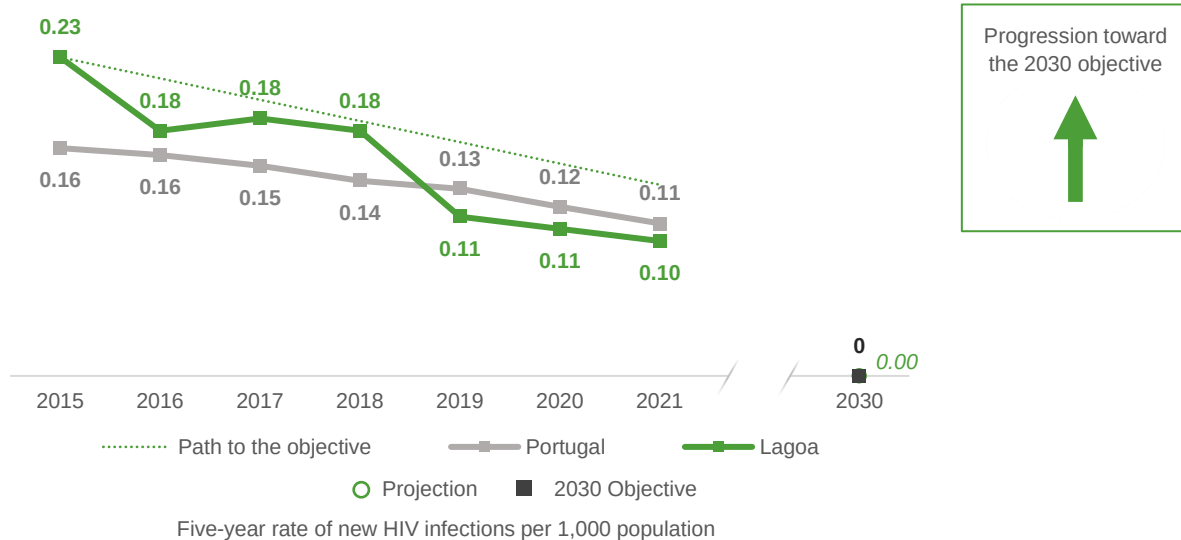
Source: INE (2011/2015-2017/2021), calculated by CESOP

TARGETS 3.1 AND 3.2 ARE CONSIDERED TO BE MET FOR ALL MUNICIPALITIES



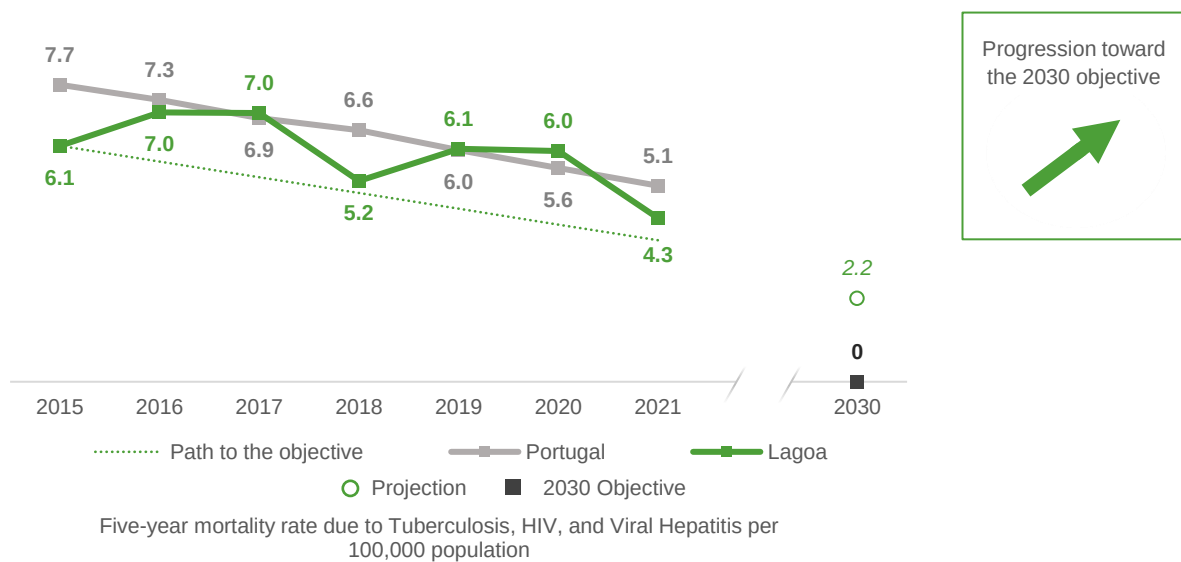
**Target 3.3** | By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases

**Indicator 3.3.1. Five-year rate of new HIV infections per 1,000 population**



Source: INSA (2011/2015-2017/2021), calculated by CESOP

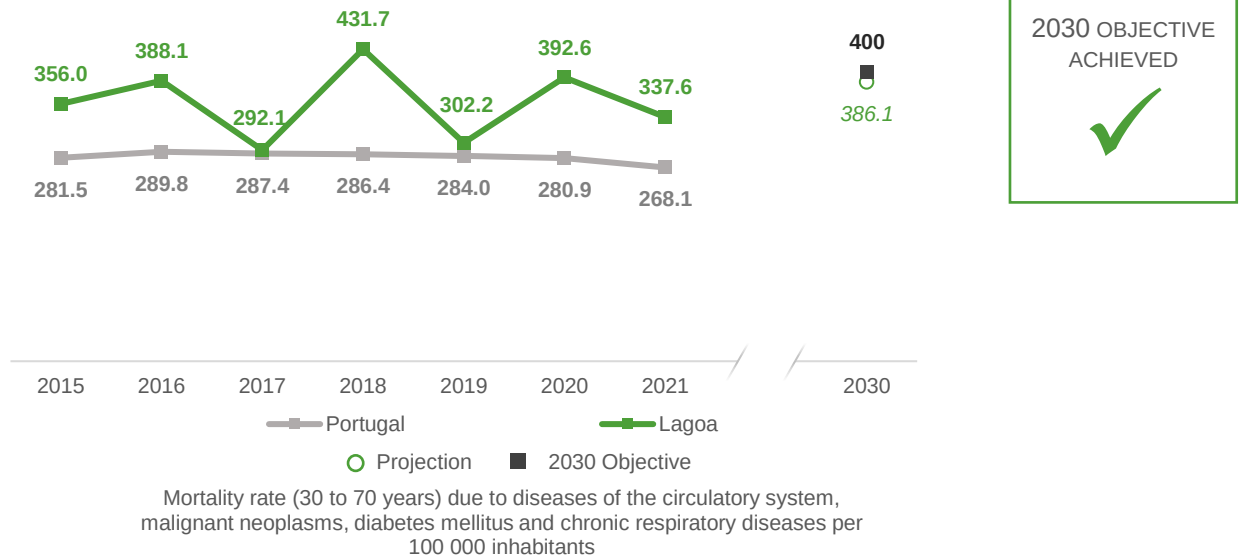
**Indicator 3.3.2. Five-year mortality rate due to Tuberculosis, HIV, and Viral Hepatitis per 100,000 population**



Source: INE (2011/2015-2017/2021), calculated by CESOP

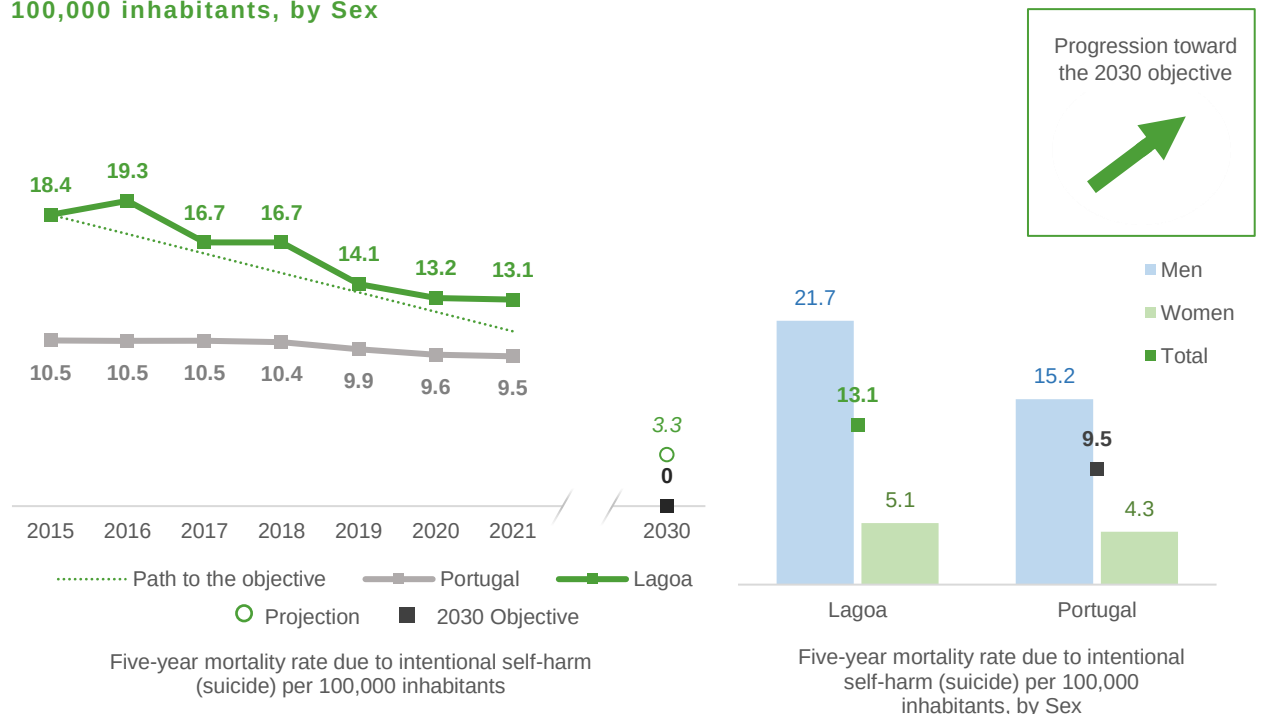
**Target 3.4 |** By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being

**Indicator 3.4.1. Mortality rate (30 to 70 years) due to diseases of the circulatory system, malignant neoplasms, diabetes mellitus and chronic respiratory diseases per 100 000 inhabitants**



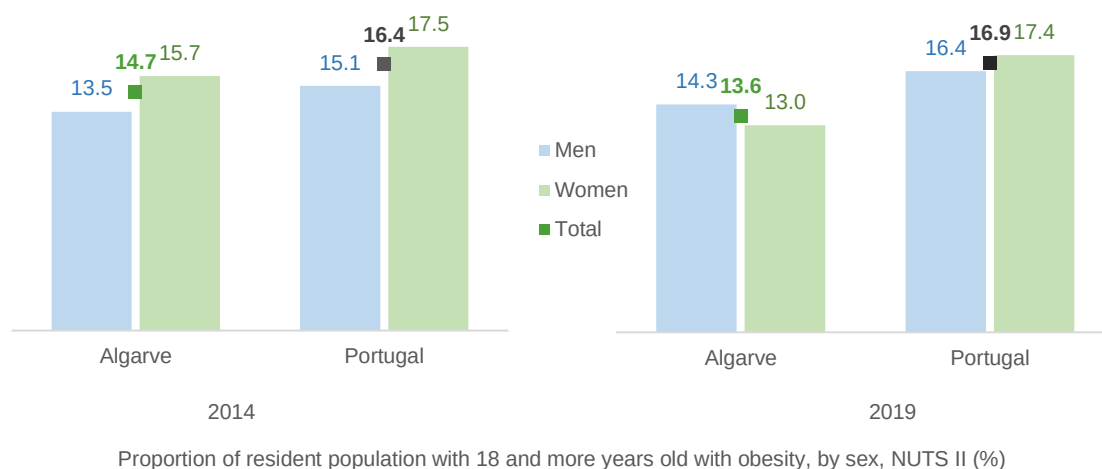
Source: INE (2015-2021), calculated by CESOP

**Indicator 3.4.2. Five-year mortality rate due to intentional self-harm (suicide) per 100,000 inhabitants, by Sex**



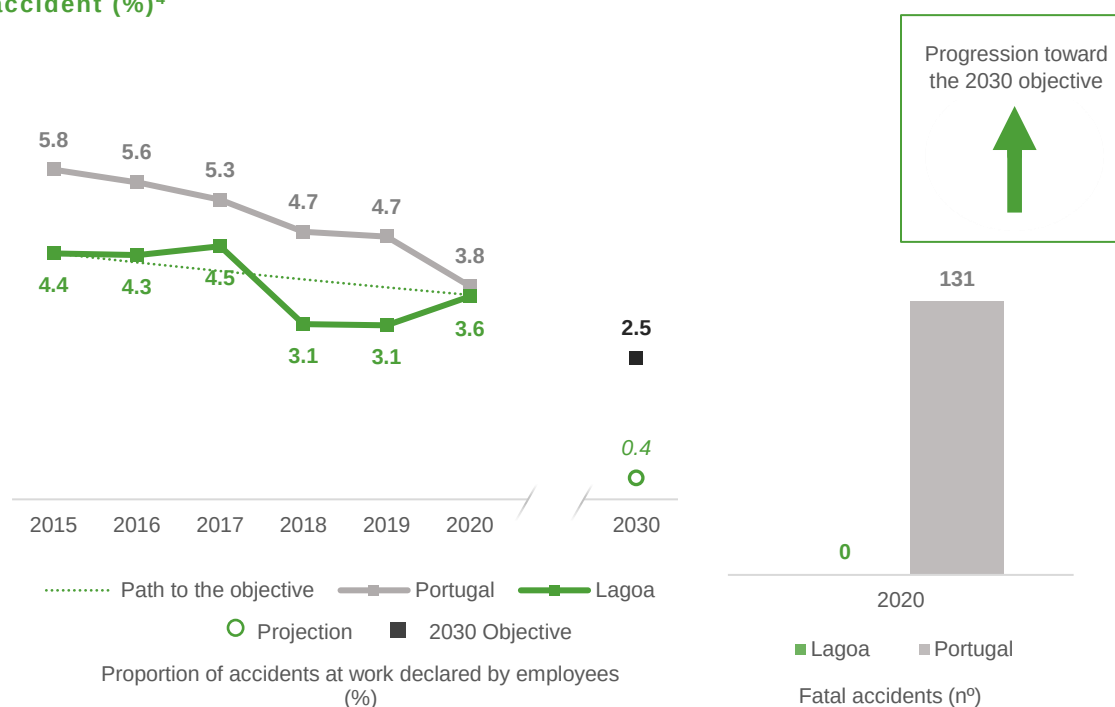
Source: INE (2011/2015-2017/2021), calculated by CESOP

### Indicator 3.4.3. Proportion of resident population with 18 and more years old with obesity, by sex, NUTS II (%)



Source: INE (2014 and 2019), no data at municipal level

### Indicator 3.4.4. Proportion of accidents at work declared by employees by type of accident (%)<sup>4</sup>

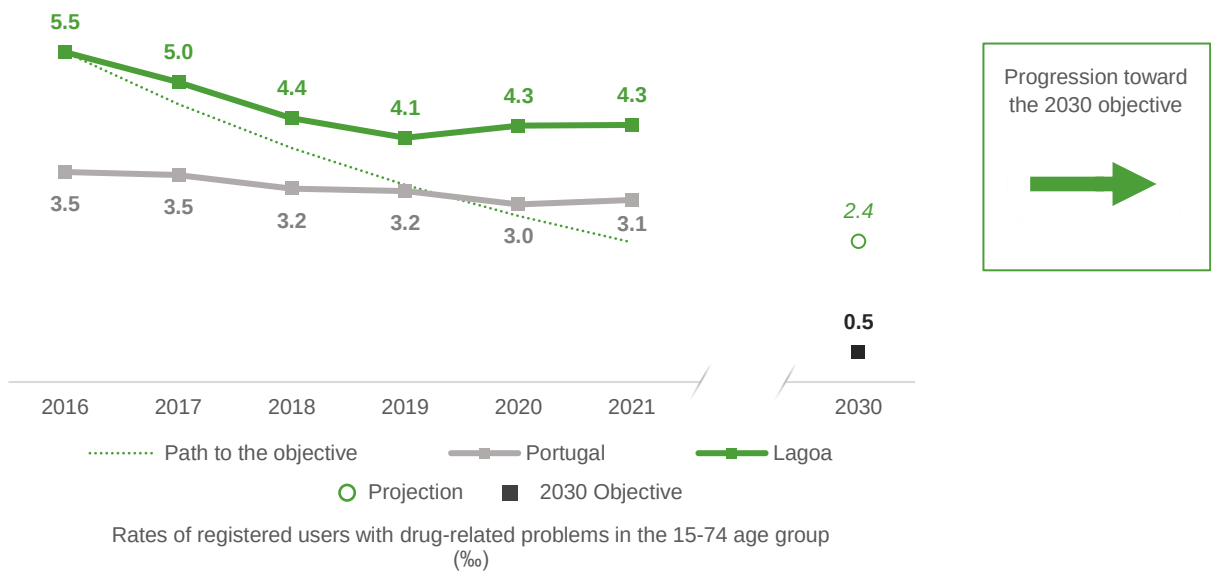


Source: GEP/MTSSS (2015-2020), calculated by CESOP

<sup>4</sup> The Eurostat indicator only considers the number of persons killed in an accident at work per 100,000 people in service.

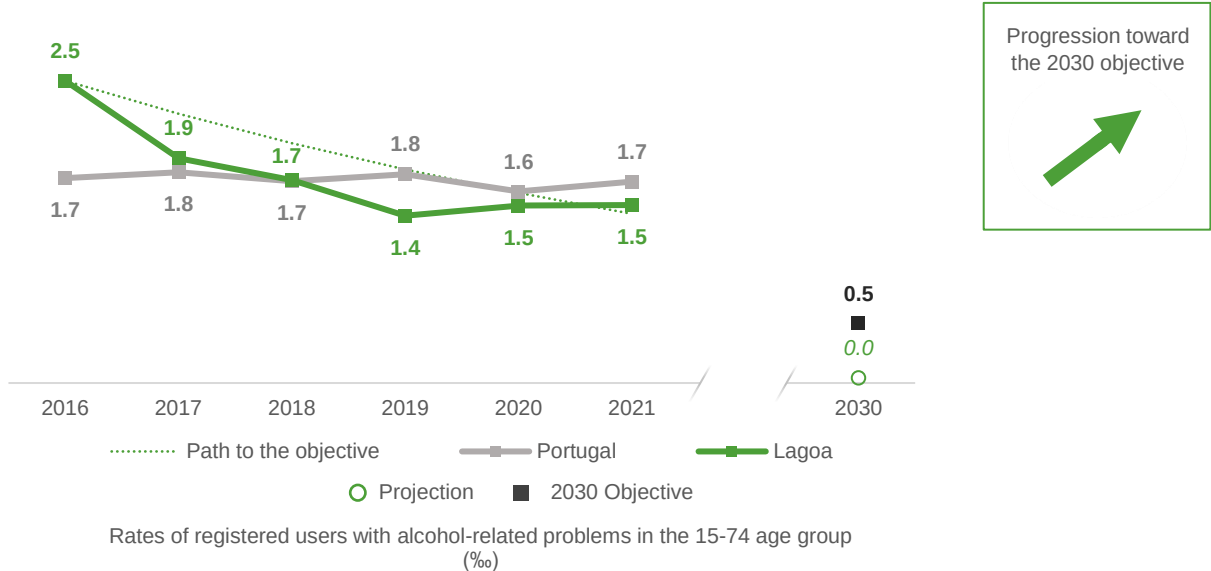
**Target 3.5 |** Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol

**Indicator 3.5.1. Rates of registered users with drug-related problems in the 15-74 age group (‰)**



Source: SICAD (2016-2021), calculated by CESOP

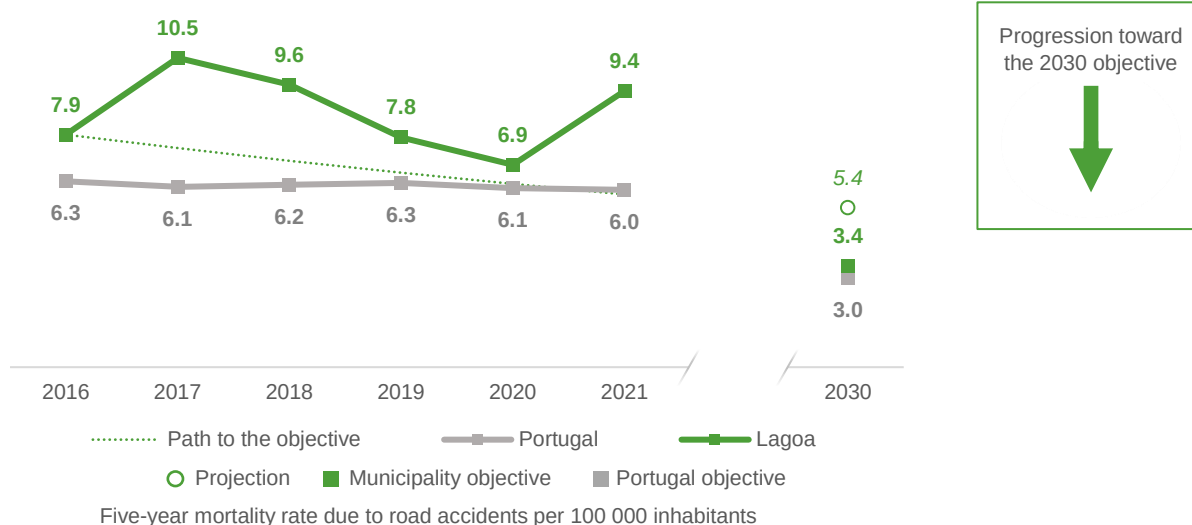
**Indicator 3.5.2. Rates of registered users with alcohol-related problems in the 15-74 age group (‰)**



Source: SICAD (2016-2021), calculated by CESOP

**Target 3.6** | By 2020, halve the number of global deaths and injuries from road traffic accidents

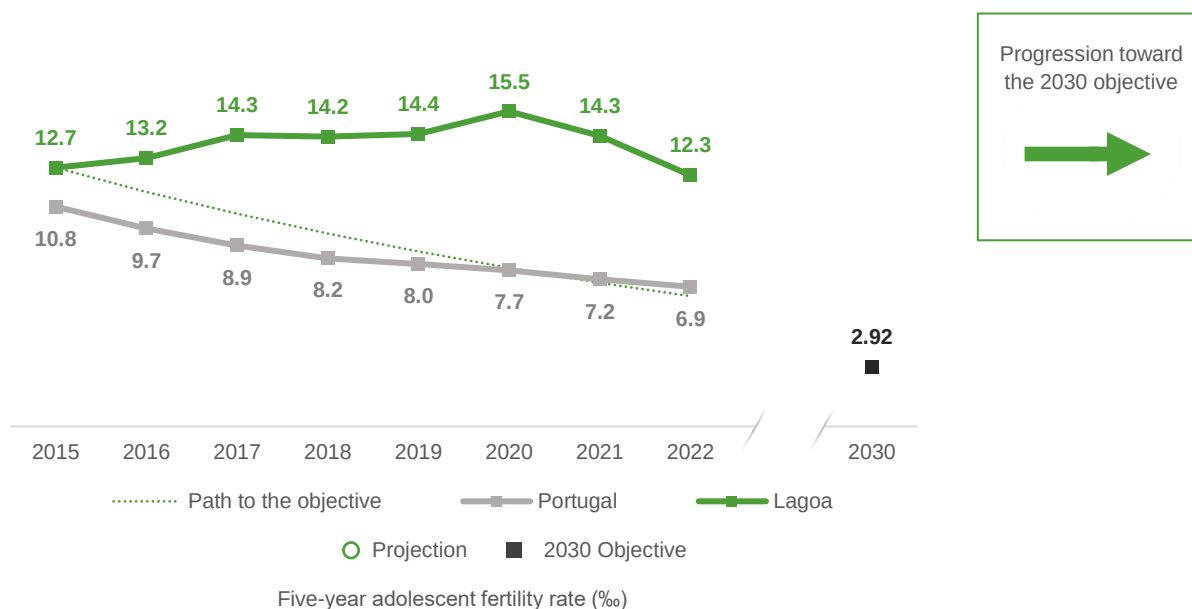
**Indicator 3.6.1. Five-year mortality rate due to road accidents per 100 000 inhabitants**



Source: INE (2012/2016-2017/2021)

**Target 3.7** | By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes

**Indicator 3.7.2. Five-year adolescent fertility rate (‰)**



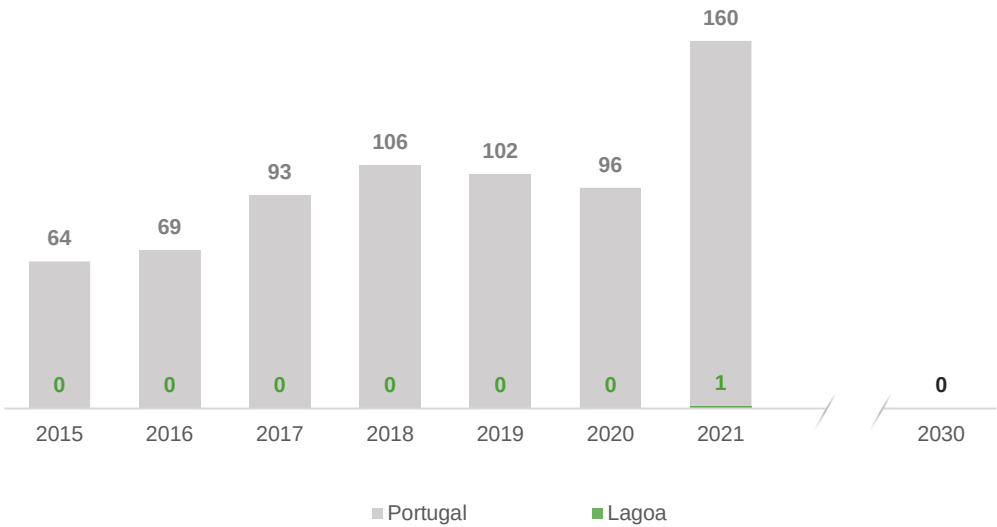
Source: INE (2011/2015-2018/2022), calculated by CESOP

**Target 3.9** | By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination

**Indicator 3.9.1. Mortality rate attributed to household and ambient air pollution per 100 000 inhabitants**



**Indicator 3.9.3 Accidental poisoning (intoxication) by drugs, medicines or biological substances (Nº)<sup>5</sup>**



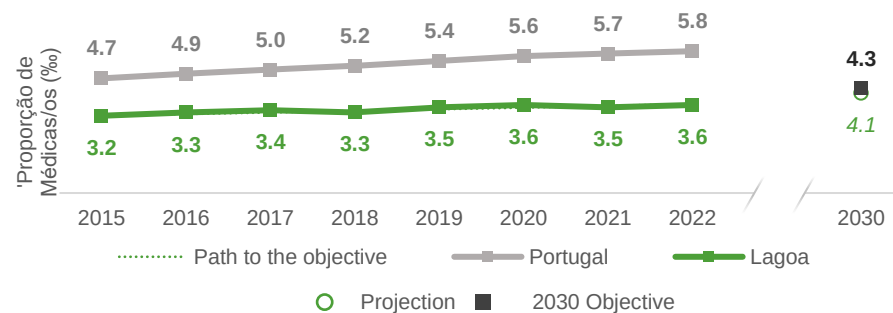
Accidental poisoning (intoxication) by drugs, medicines or biological substances (Nº)

Source: INE (2015-2021)

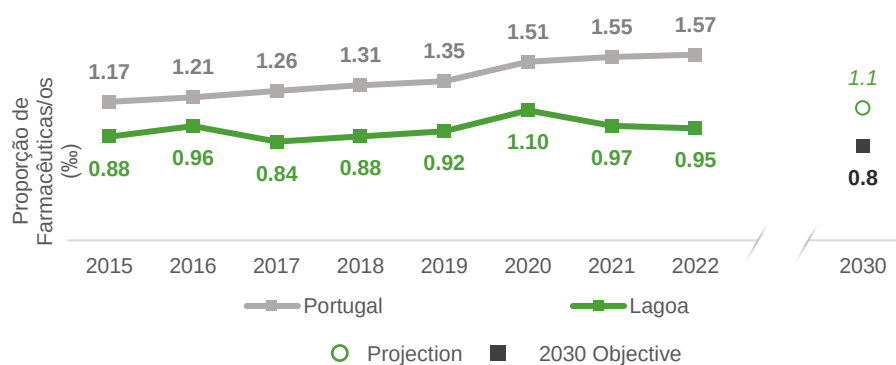
<sup>5</sup> Since the number of cases in Portugal is very low, we have chosen to present this indicator in total number of cases rather than using the rate per 100 or 100,000 inhabitants, as is the practice in other organisations.

**Target 3.c** | Substantially increase health financing and the recruitment, development, training and retention of the health workforce in developing countries, especially in least developed countries and small island developing States

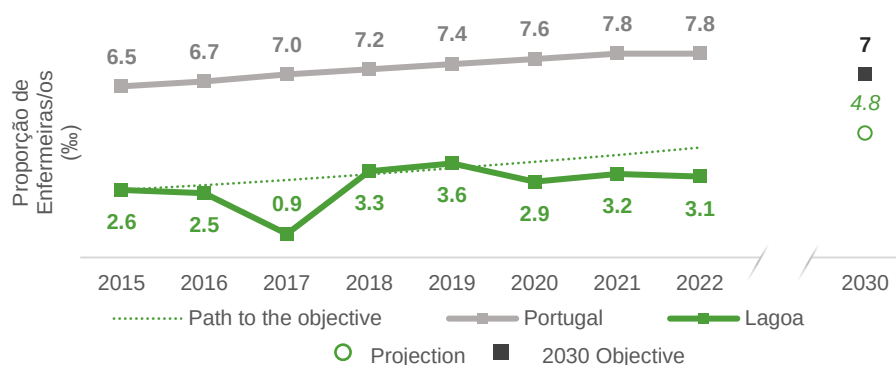
**Indicator 3.c.1. Health worker density by speciality (‰)**



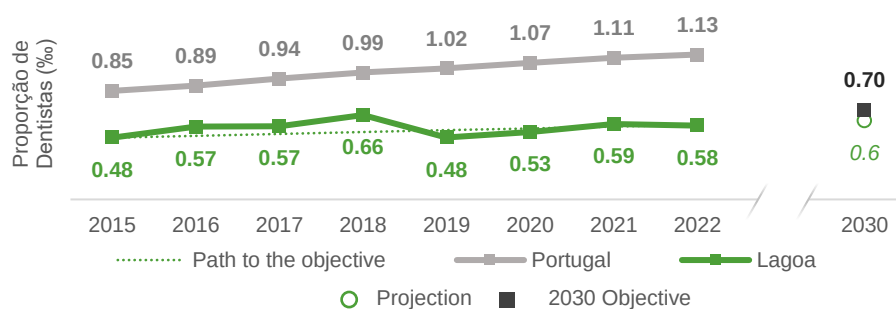
Progression toward the 2030 objective



2030 OBJECTIVE ACHIEVED



Progression toward the 2030 objective



Progression toward the 2030 objective



Source: INE (2015-2022), calculated by CESOP





## SDG 4

# QUALITY EDUCATION

ENSURE INCLUSIVE AND  
QUALITY EDUCATION FOR ALL  
AND PROMOTE LIFELONG  
LEARNING

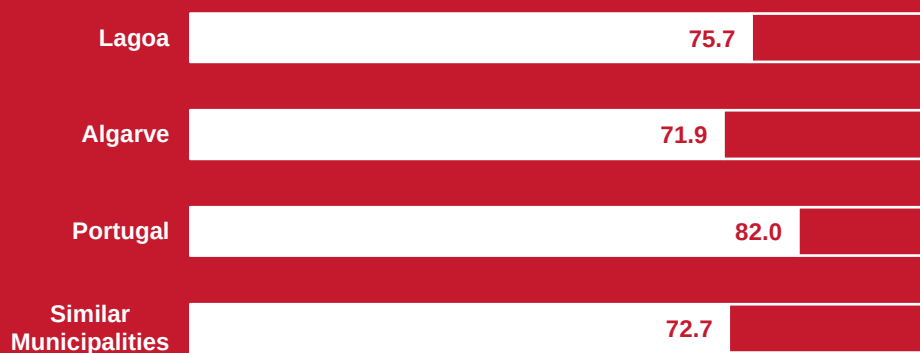
Obtaining a quality education is the foundation to improving people's lives and sustainable development. Major progress has been made towards increasing access to education at all levels and increasing enrolment rates in schools particularly for women and girls. Basic literacy skills have improved tremendously, yet bolder efforts are needed to make even greater strides for achieving universal education goals. For example, the world has achieved equality in primary education between girls and boys, but few countries have achieved that target at all levels of education.



Photo by StockSnap

Source: UN, <https://www.un.org/sustainabledevelopment/education/>

## GLOBAL PERFORMANCE OF THE SDG 4

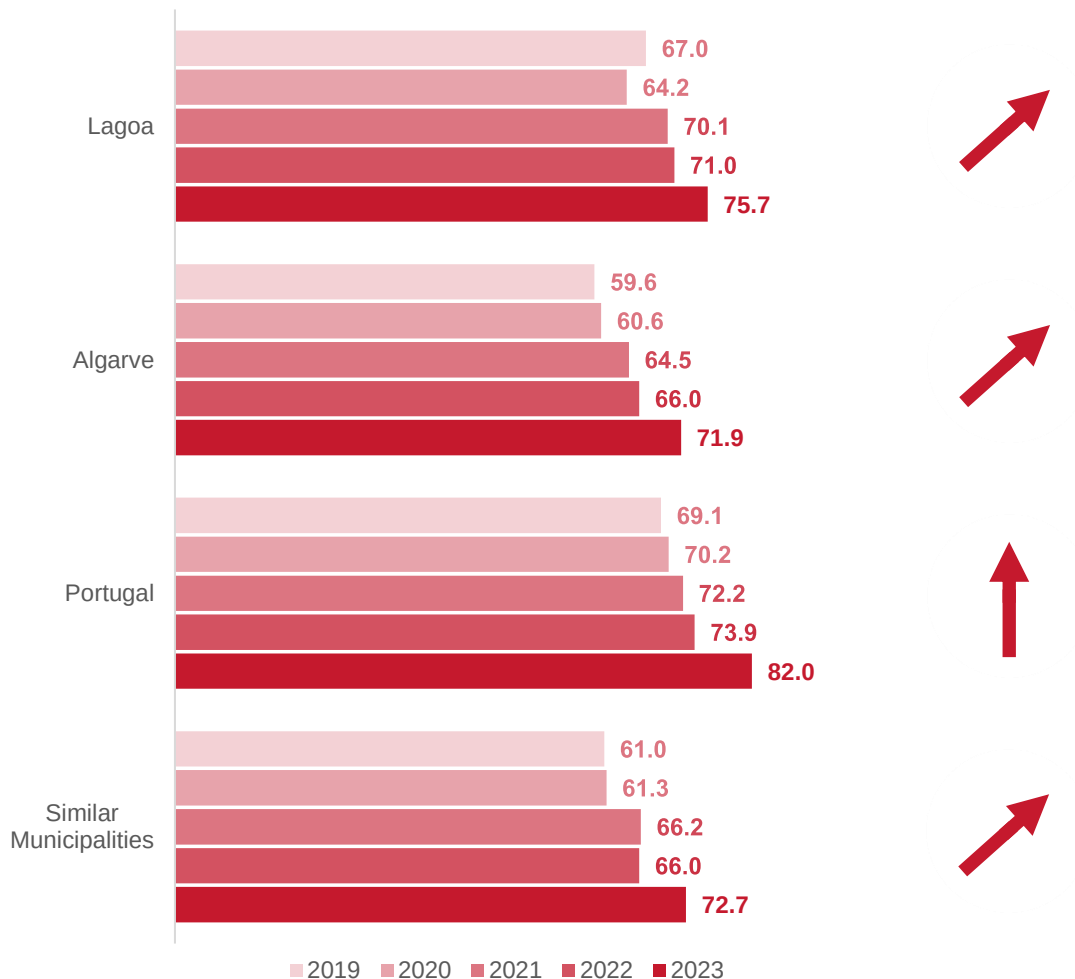


## PROGRESS ON THE SDG 4 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND

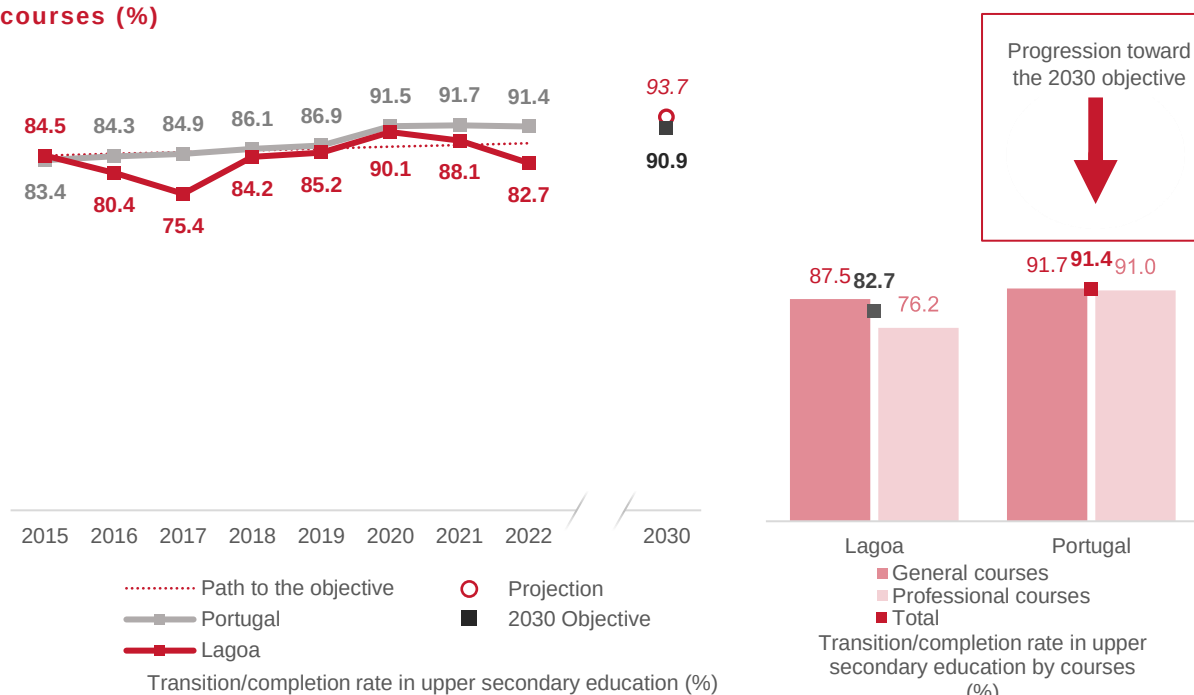


**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

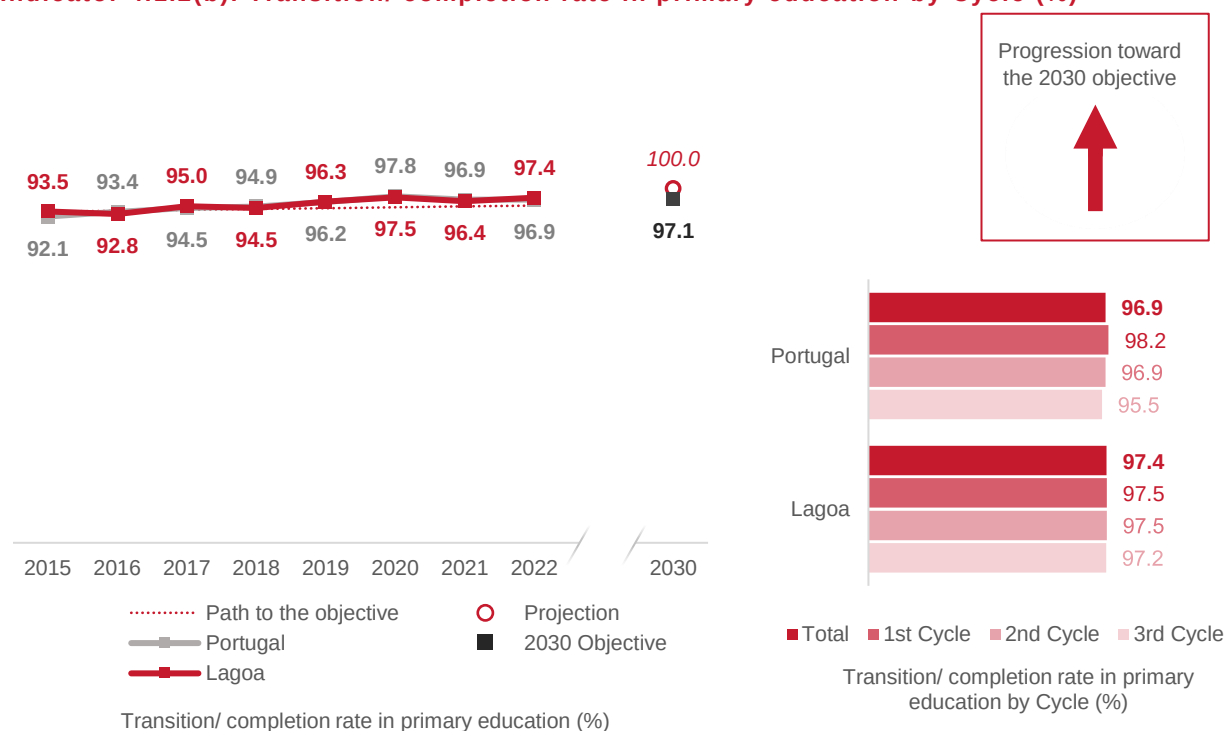
| Arrow | Description                                                                                                                      |
|-------|----------------------------------------------------------------------------------------------------------------------------------|
| ↑     | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
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| →     | The municipality is not making significant progress towards the 2030 objectives                                                  |
| ↘     | The municipality is distancing itself from the 2030 objectives                                                                   |
| ↓     | The municipality is far from the 2030 objective path                                                                             |

**Target 4.1** | By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and Goal-4 effective learning outcomes

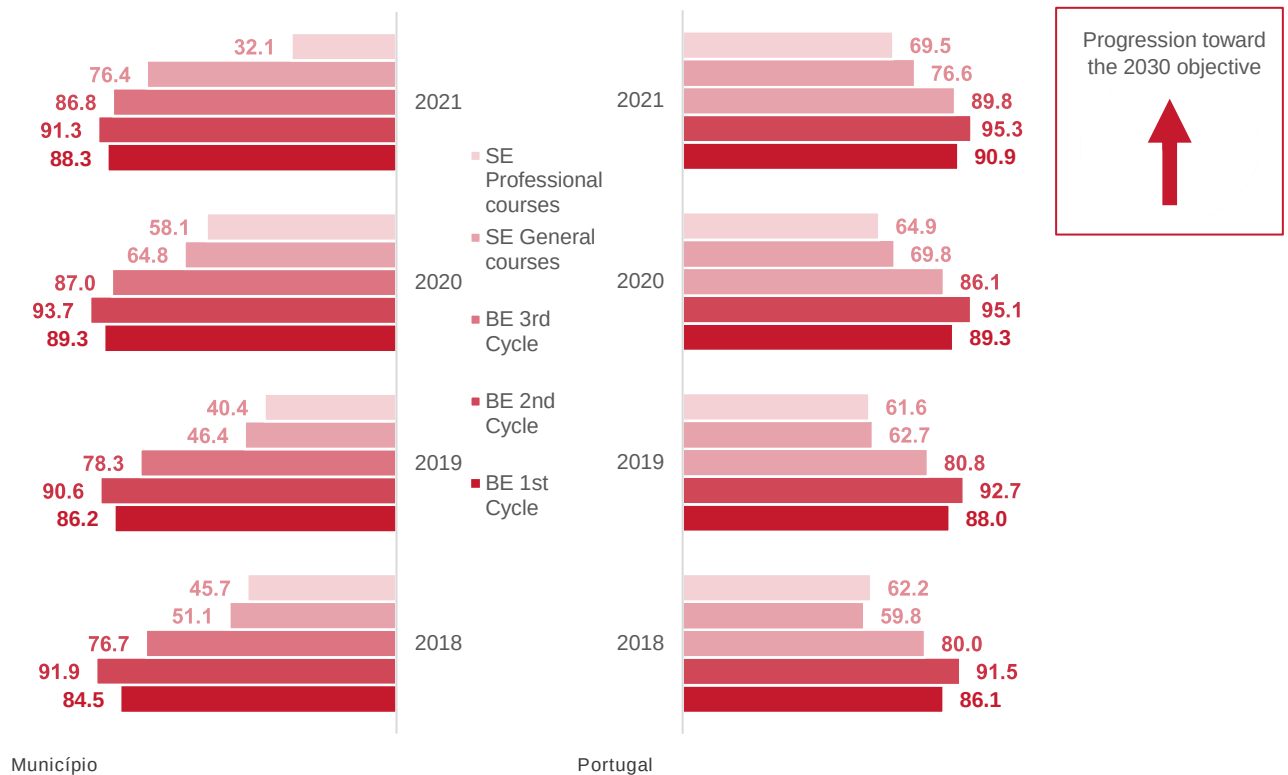
**Indicator 4.1.2(a). Transition/completion rate in upper secondary education by courses (%)**



**Indicator 4.1.2(b). Transition/ completion rate in primary education by Cycle (%)**



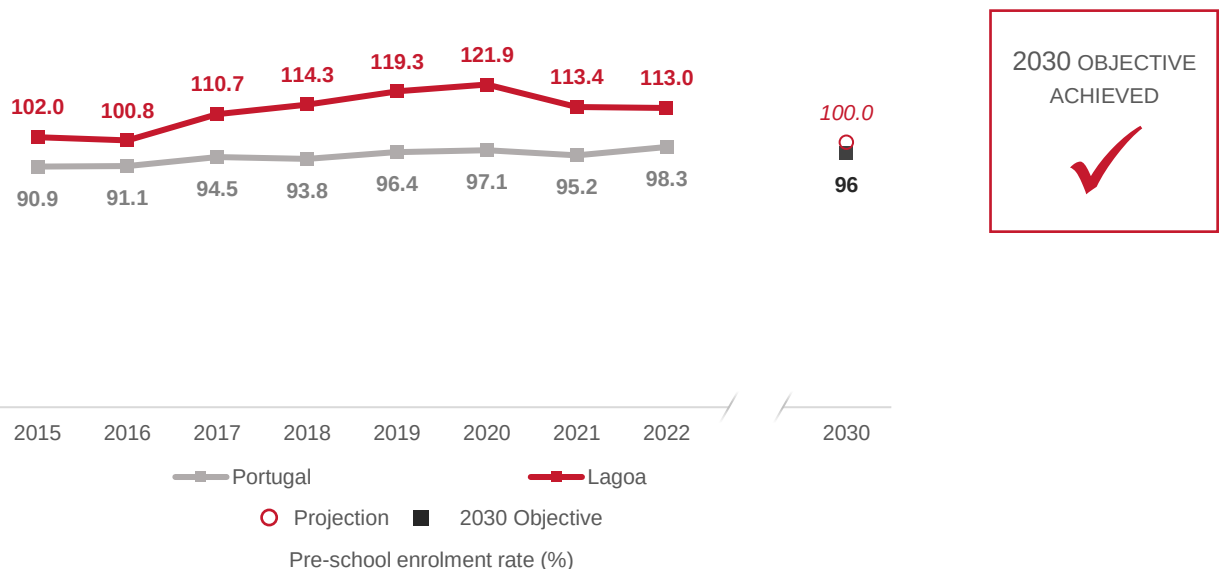
### Indicador 4.1.2(c). Proportion of students who completed the cycle within the expected time (%)



Source: DGEEC (2017/2018-2021/2022)

**Target 4.2 |** By 2030, ensure that all girls and boys have access to quality early childhood development, care and preprimary education so that they are ready for primary education

### Indicador 4.2.2. Pre-school enrolment rate (%)

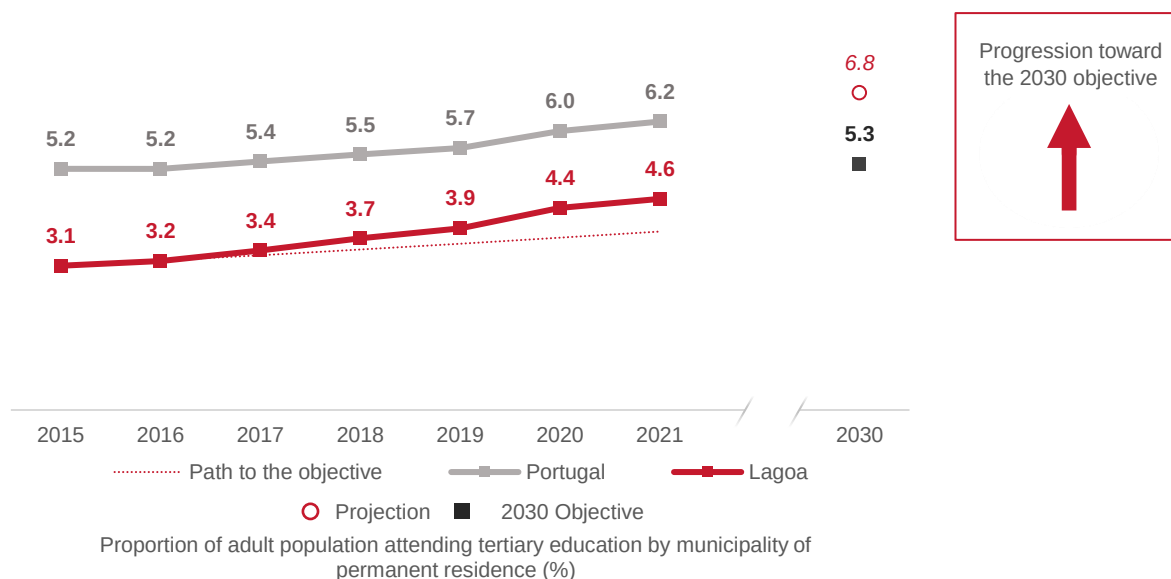


Source: INE (2014/2015-2021/2022)

The preschool enrolment rate describes the ratio between children aged 3-5 years living in the municipality and children enrolled in pre-school schools. Differences between the parents' municipality of work and municipality of residence may justify rates higher than 100%.

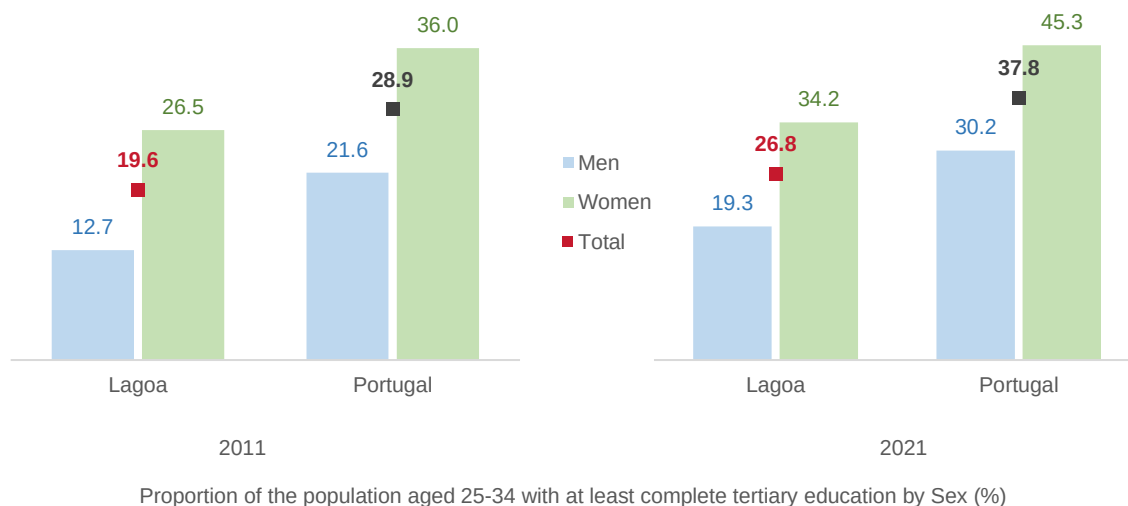
**Target 4.3** | By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university

**Indicador 4.3.1. Proportion of adult population attending tertiary education by municipality of permanent residence (%)**



Source: INE (2015-2021), calculated by CESOP

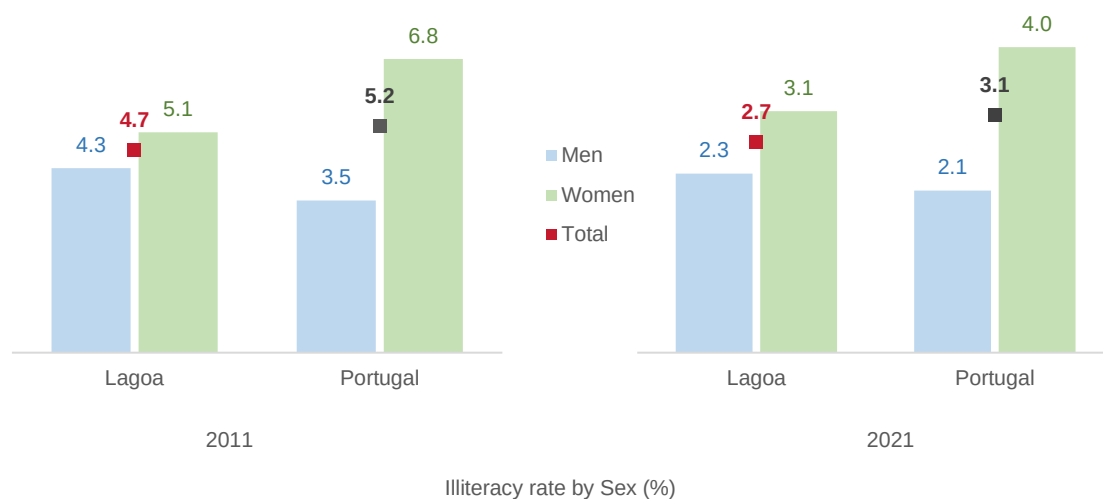
**Indicador 4.3.2. Proportion of the population aged 25-34 with at least complete tertiary education by Sex (%)**



Source: INE (2011 and 2021)

**Target 4.6 |** By 2030, ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy

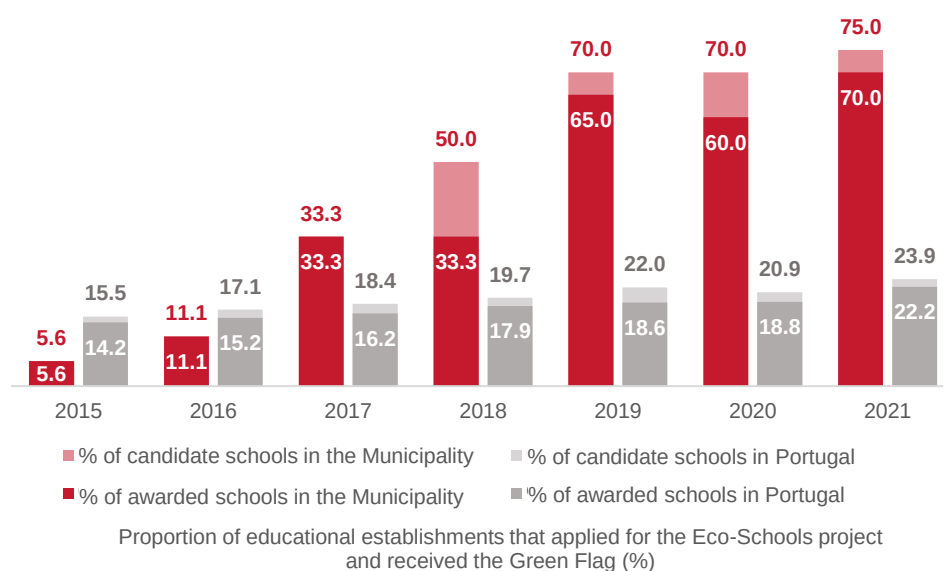
**Indicator 4.6.1. Illiteracy rate by Sex (%)**



Source: INE (2011 and 2021)

**Target 4.7 |** By 2030, ensure that all students acquire the knowledge and skills necessary to promote sustainable development, including through education for development and sustainable lifestyles, human rights, gender equality, promoting a culture of peace, global citizenship and appreciation of culture diversity and the contribution of culture to sustainable development

**Indicador 4.7.1. Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%)**



Source: ABAE (2015-2021), calculated by CESOP

**Target 4.c** | By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing states

**Indicator 4.c.1(a). Proportion of teachers qualified in basic education (%)**



**Indicator 4.c.1(b). Percentage of teachers who participated in professional development activities in the last 12 months (%)**



Source: DGEEC (2018)





## SDG 5

GENDER  
EQUALITY

ACHIEVE GENDER  
EQUALITY AND EMPOWER  
ALL WOMEN AND GIRLS

While the world has achieved progress towards gender equality and women's empowerment under the Millennium Development Goals (including equal access to primary education between girls and boys), women and girls continue to suffer discrimination and violence in every part of the world.

Gender equality is not only a fundamental human right, but a necessary foundation for a peaceful, prosperous and sustainable world.

Providing women and girls with equal access to education, health care, decent work, and representation in political and economic decision-making processes will fuel sustainable economies and benefit societies and humanity at large.

Source: UN, <https://www.un.org/sustainabledevelopment/gender-equality/>



Photo by StockSnap

## GLOBAL PERFORMANCE OF THE SDG 5

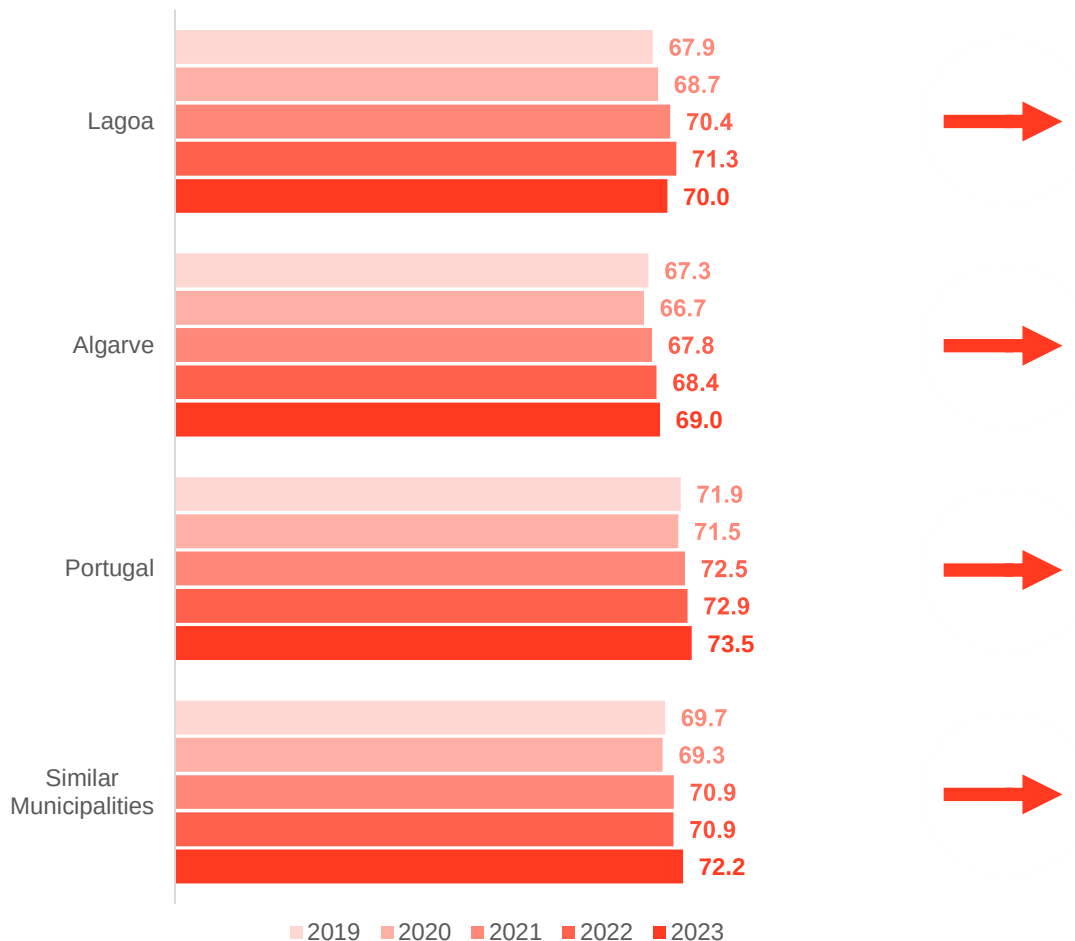


## PROGRESS ON THE SDG 5 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND



**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

| Arrow | Description                                                                                                                      |
|-------|----------------------------------------------------------------------------------------------------------------------------------|
| ↑     | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
| ↗     | The municipality is on track to meet the 2030 objectives, but will not be able to achieve them if it continues its current trend |
| →     | The municipality is not making significant progress towards the 2030 objectives                                                  |
| ↘     | The municipality is distancing itself from the 2030 objectives                                                                   |
| ↓     | The municipality is far from the 2030 objective path                                                                             |

**Target 5.1 | End all forms of discrimination against all women and girls everywhere**

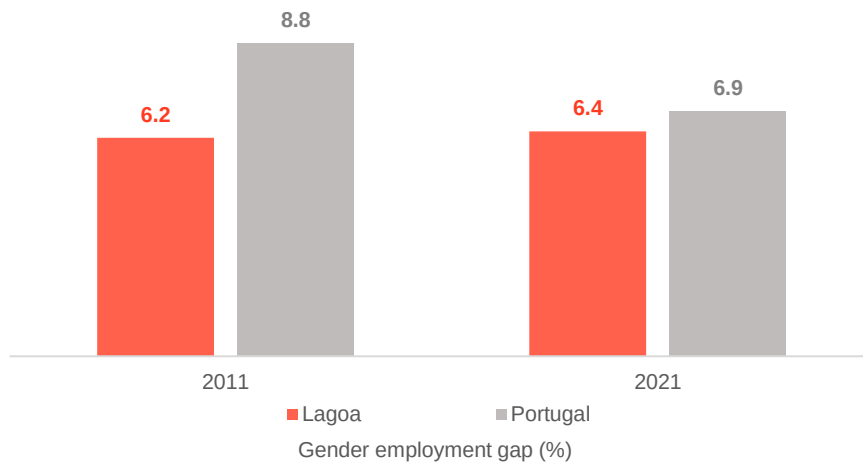
**Indicator 5.1.1. Existence of a Cooperation Protocol with the Commission for Citizenship and Gender Equality and/or a Municipal Plan for Equality and Non-Discrimination<sup>7</sup>**

**YES ✓**

**84%** of Portuguese municipalities have signed a protocol with the CIG and/or have a Municipal Plan for Equality and Non-Discrimination

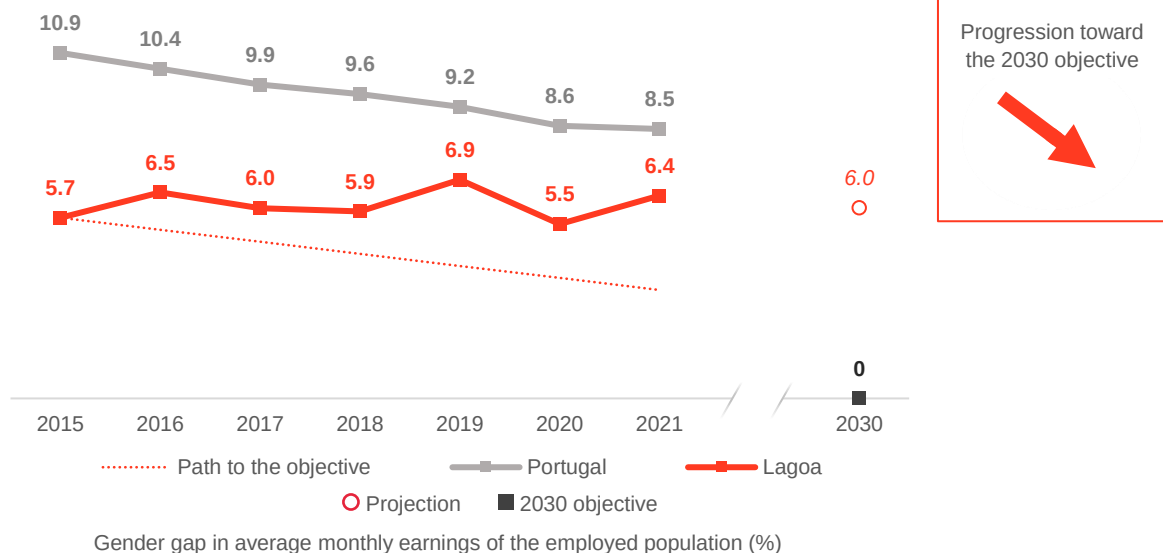
Source: CIG (2022)

**Indicator 5.1.2. Gender employment gap (%)**



Source: INE (2011 and 2021), calculated by CESOP

**Indicator 5.1.3. Gender gap in average monthly earnings of the employed population (%)**

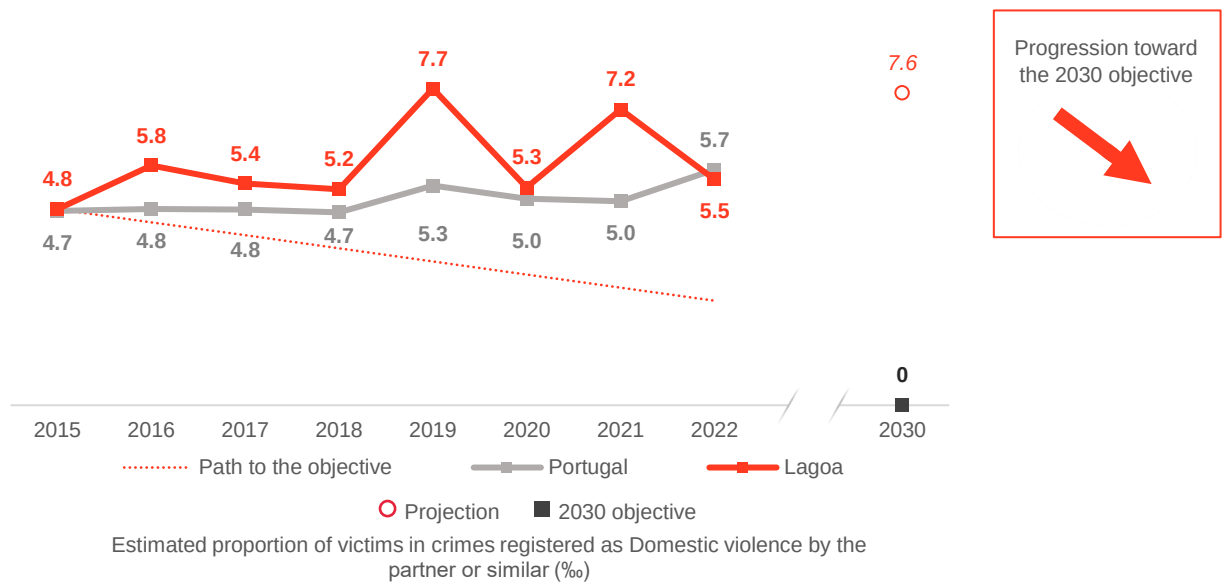


Source: INE (2015-2021)

<sup>7</sup> The UN and OECD indicator refers to the "Whether or not legal frameworks are in place to promote, enforce and monitor equality and non-discrimination on the basis of sex".

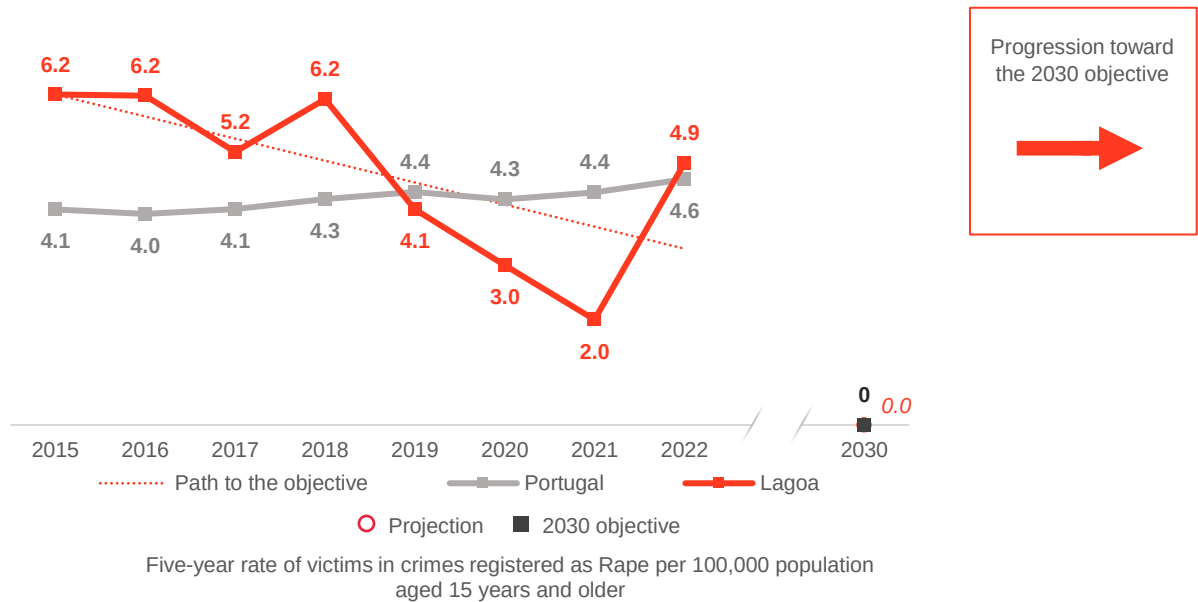
**Target 5.2** | Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation

**Indicator 5.2.1. Estimated proportion of victims in crimes registered as Domestic violence by the partner or similar (%)**



Source: DGPJ (2015-2022), calculated by CESOP

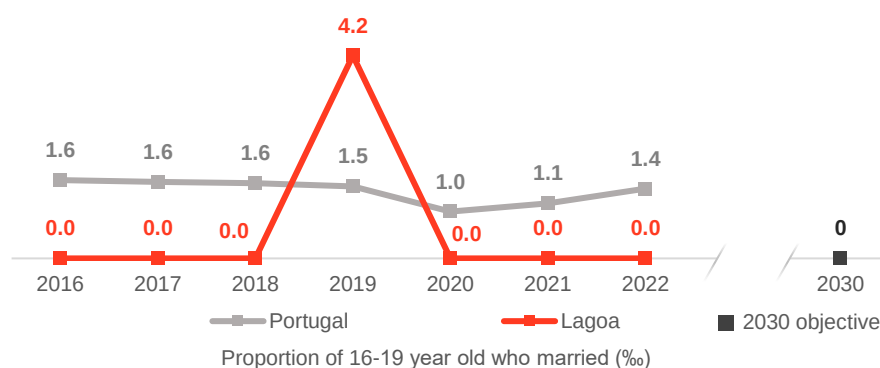
**Indicator 5.2.2. Five-year rate of victims in crimes registered as Rape per 100,000 population aged 15 years and older**



Source: DGPJ (2011/2015-2018/2022), calculated by CESOP

**Target 5.3 | Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation**

**Indicator 5.3.1. Proportion of 16-19 year old who married (‰)**



2030 OBJECTIVE  
ACHIEVED

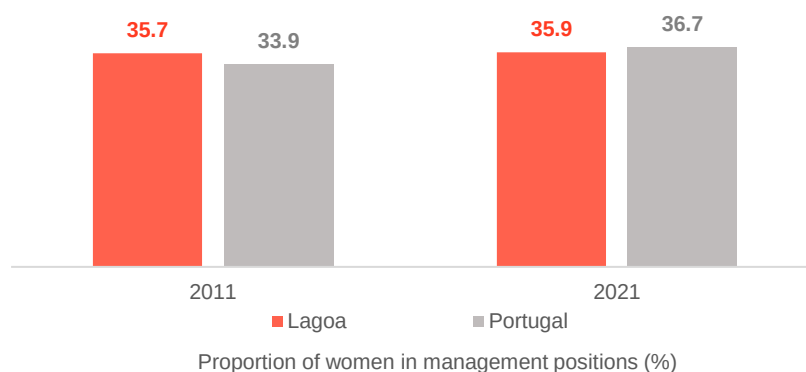


Source: INE (2015-2022), calculated by CESOP

THE PRACTICES OF FORCED MARRIAGES AND FEMALE GENITAL MUTILATION ARE RARE IN PORTUGAL. FOR THIS REASON, TARGET 5.3 IS CONSIDERED TO HAVE BEEN MET IN ALL MUNICIPALITIES IN THE COUNTRY.

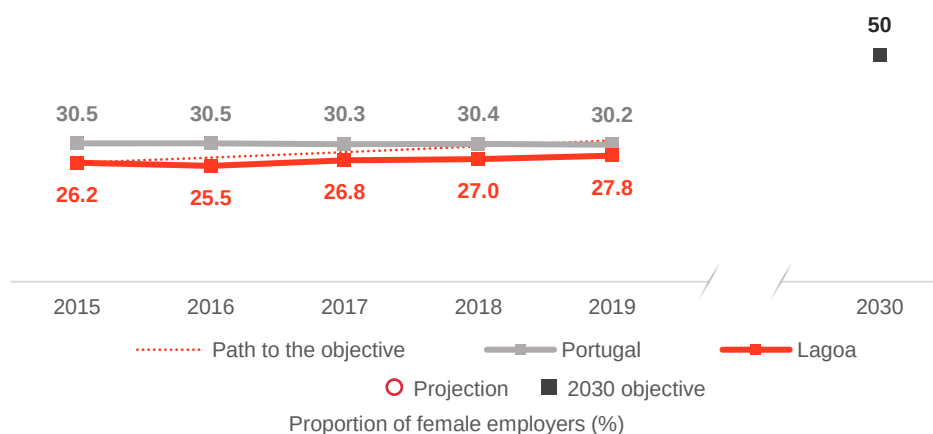
**Target 5.5 | Ensure women's full and effective participation and equal opportunities for leadership at all levels of decisionmaking in political, economic and public life**

**Indicator 5.5.2(a). Proportion of women in management positions (%)**



Source: INE (2011 and 2021), calculated by CESOP

**Indicator 5.5.2(b). Proportion of female employers (%)**



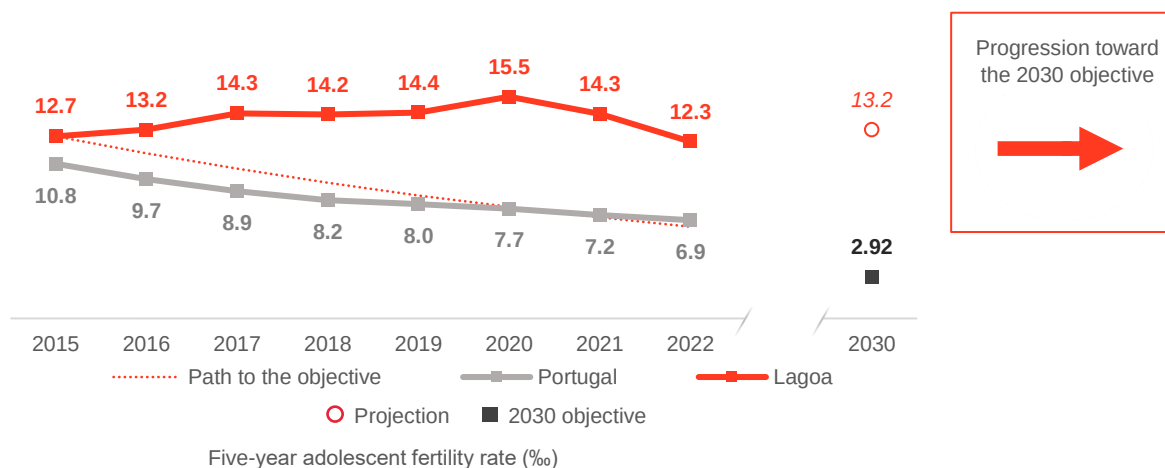
Progression toward  
the 2030 objective



Source: Pordata (2015-2019), calculated by CESOP

**Meta 5.6** | Ensure universal access to sexual and reproductive health and reproductive rights, in accordance with the Program of Action of the International Conference on Population and Development and the Beijing Platform for Action and documents resulting from their review conferences

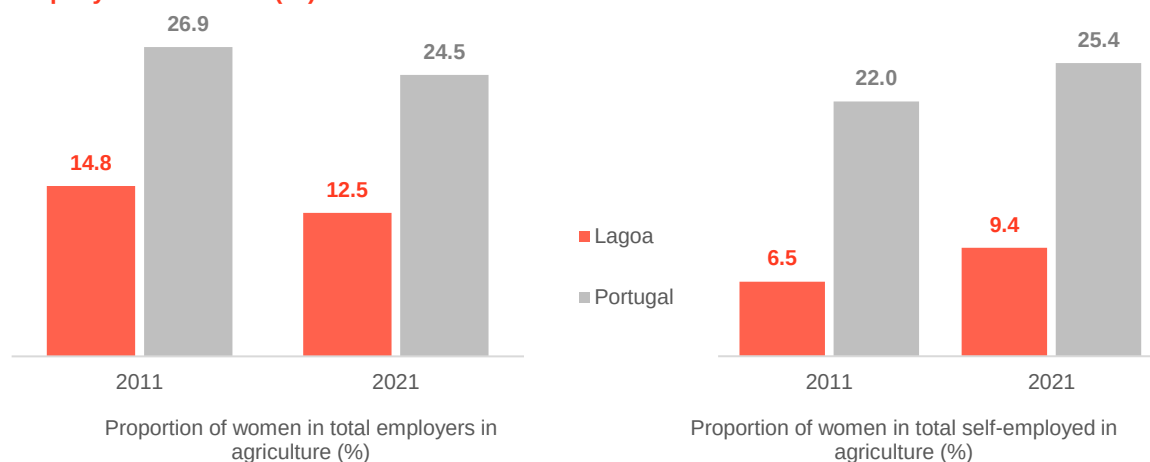
**Indicator 5.6.1. Five-year adolescent fertility rate (‰)**



Source: INE (2015-2022), calculated by CESOP

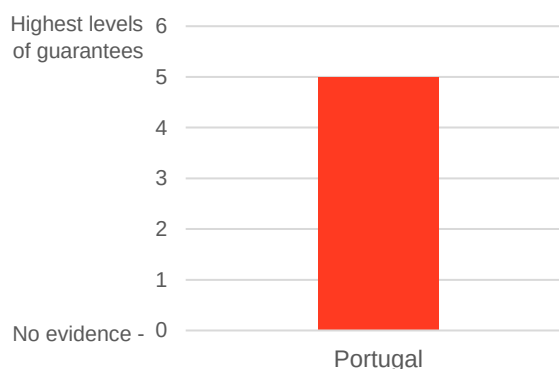
**Target 5.a** | Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws

**Indicator 5.a.1. Proportion of women in total managers in agriculture by type of employment status (%)**



Source: INE (2011 and 2021), calculated by CESOP

**Indicador 5.a.2. Degree to which the legal framework (including customary law) guarantees women's equal rights to land ownership and/or control**



Source: UN (2019)

## SDG 6

# CLEAN WATER AND SANITATION

## ENSURE ACCESS TO WATER AND SANITATION FOR ALL

Clean, accessible water for all is an essential part of the world we want to live in. There is sufficient fresh water on the planet to achieve this. But due to bad economics or poor infrastructure, every year millions of people, most of them children, die from diseases associated with inadequate water supply, sanitation and hygiene.

Water scarcity, poor water quality and inadequate sanitation negatively impact food security, livelihood choices and educational opportunities for poor families across the world. Drought afflicts some of the world's poorest countries, worsening hunger and malnutrition.

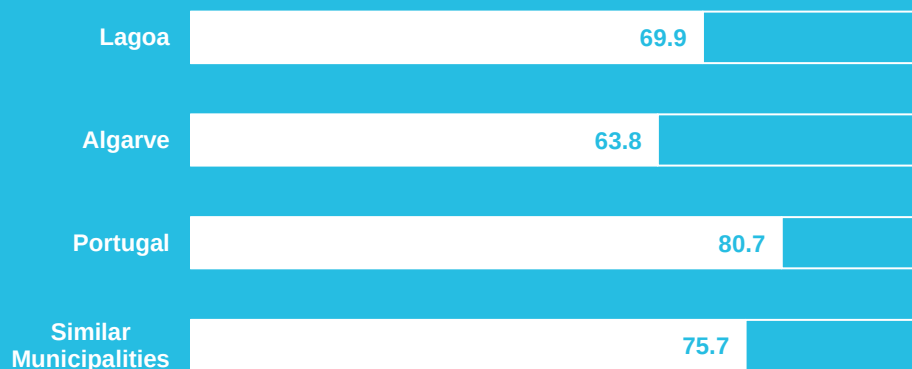
By 2050, at least one in four people is likely to live in a country affected by chronic or recurring shortages of fresh water.

Source: UN, <https://www.un.org/sustainabledevelopment/water-and-sanitation/>



Photo by Pezibear

## GLOBAL PERFORMANCE OF THE SDG 6

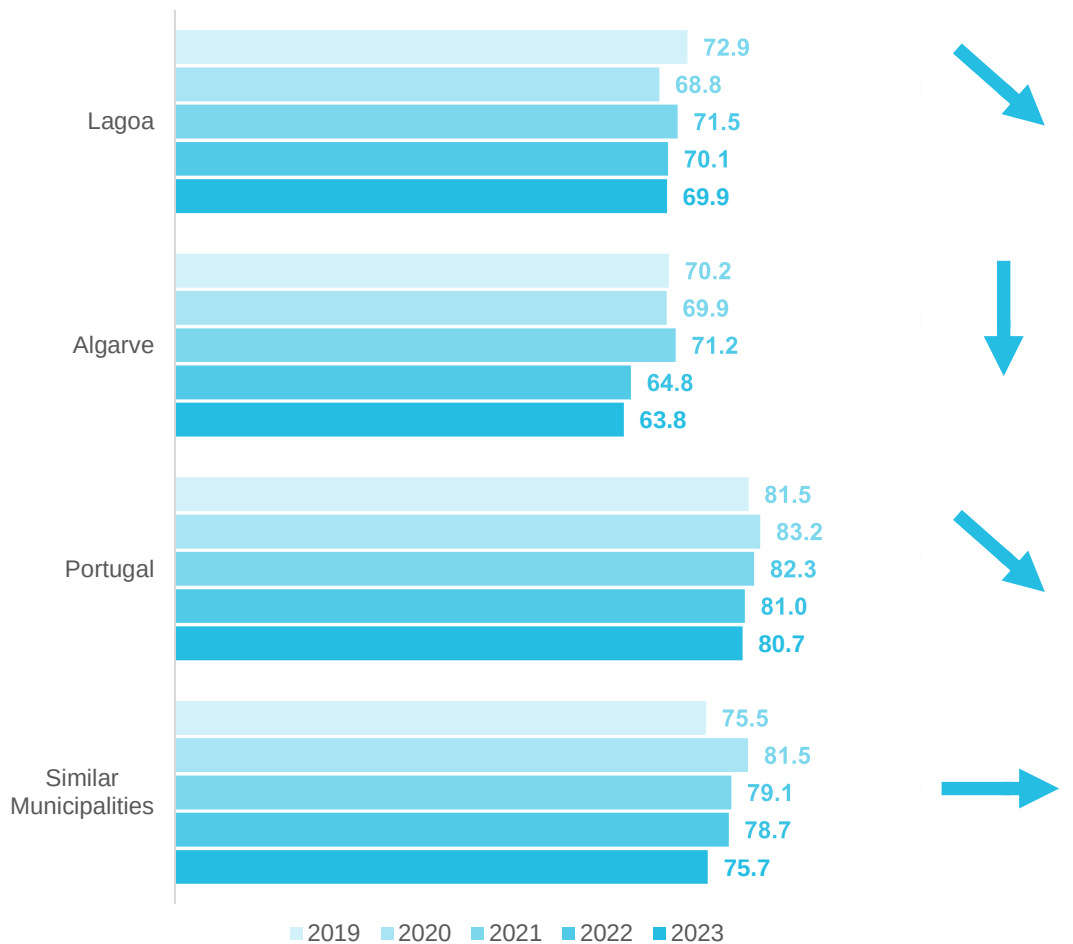


## PROGRESS ON THE SDG 6 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND



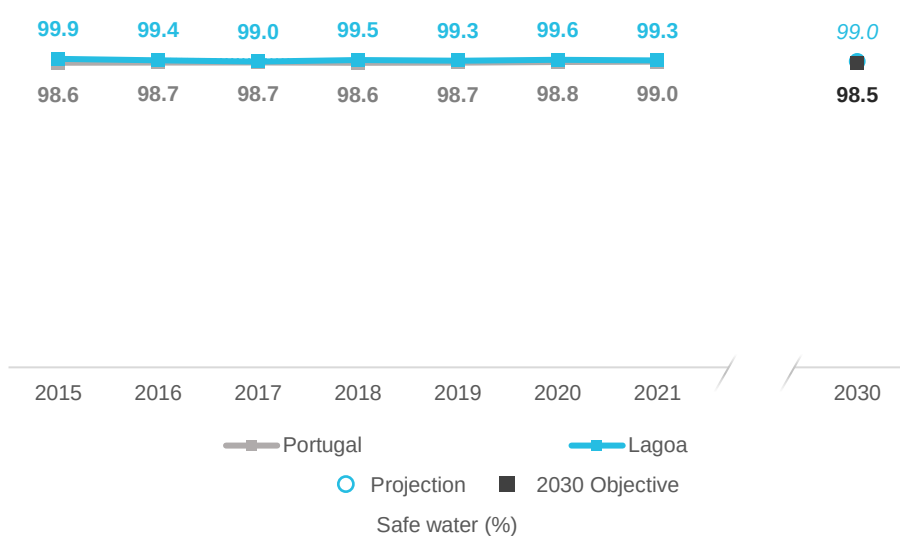
Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal

| Arrow                                                                               | Description                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
|  | The municipality is on track to meet the 2030 objectives, but will not be able to achieve them if it continues its current trend |
|  | The municipality is not making significant progress towards the 2030 objectives                                                  |
|  | The municipality is distancing itself from the 2030 objectives                                                                   |
|  | The municipality is far from the 2030 objective path                                                                             |



**Target 6.1** | By 2030, achieve universal and equitable access to safe and affordable drinking water for all

**Indicator 6.1.1. Safe water (%)**



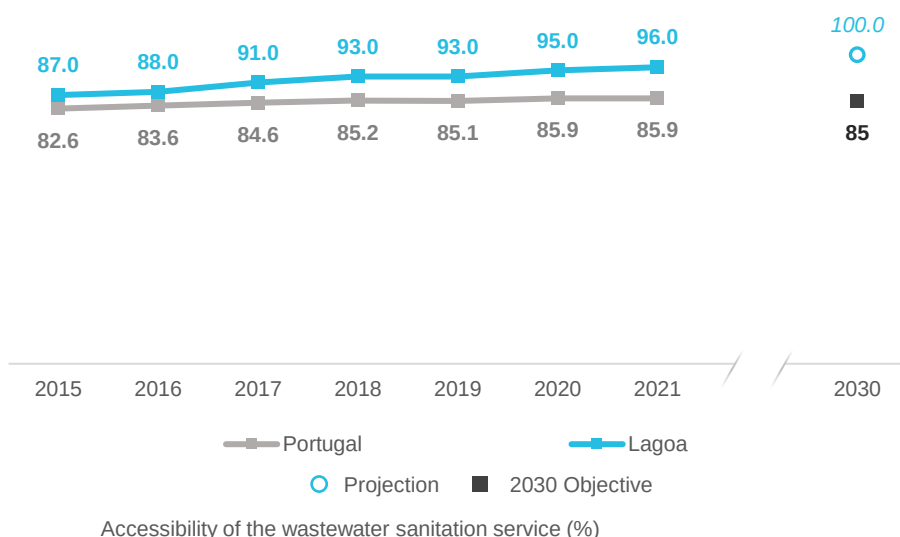
2030 OBJECTIVE  
ACHIEVED



Source: INE (2015-2021)

**Target 6.2** | By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations

**Indicator 6.2.1. Accessibility of the wastewater sanitation service (%)**



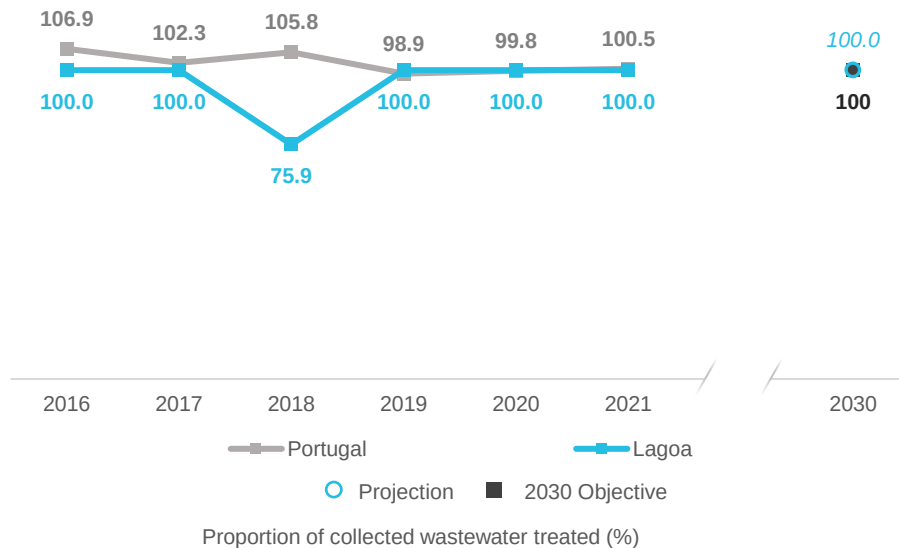
2030 OBJECTIVE  
ACHIEVED



Source: INE (2015-2021)

**Target 6.3** | By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally

**Indicator 6.3.1(a). Proportion of collected wastewater treated (%)**<sup>8</sup>



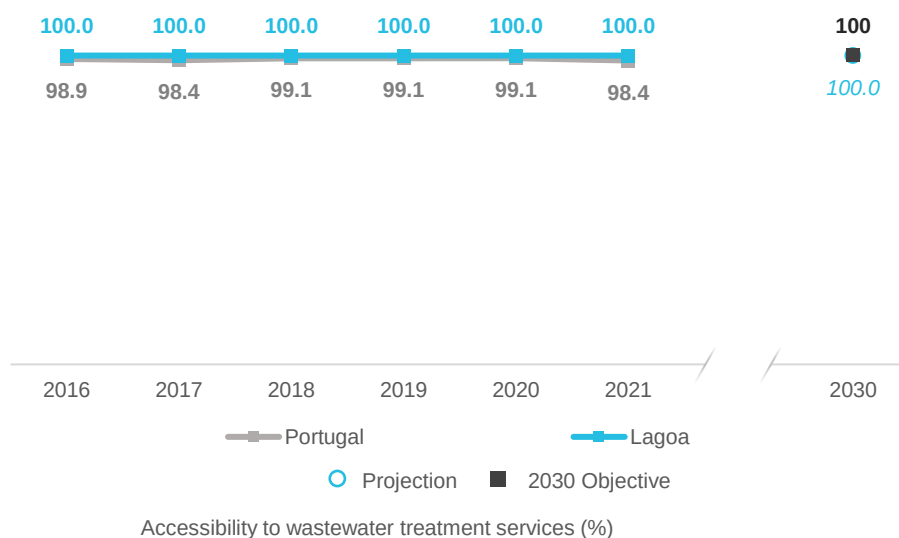
Source: INE/ERSAR (2016-2021), calculated by CESOP

2030 OBJECTIVE  
ACHIEVED



Wastewater can be submitted to various levels of treatment, thus the proportions can be higher than 100%. Some municipalities treat wastewater from other municipalities.

**Indicator 6.3.1(b). Accessibility to wastewater treatment services (%)**

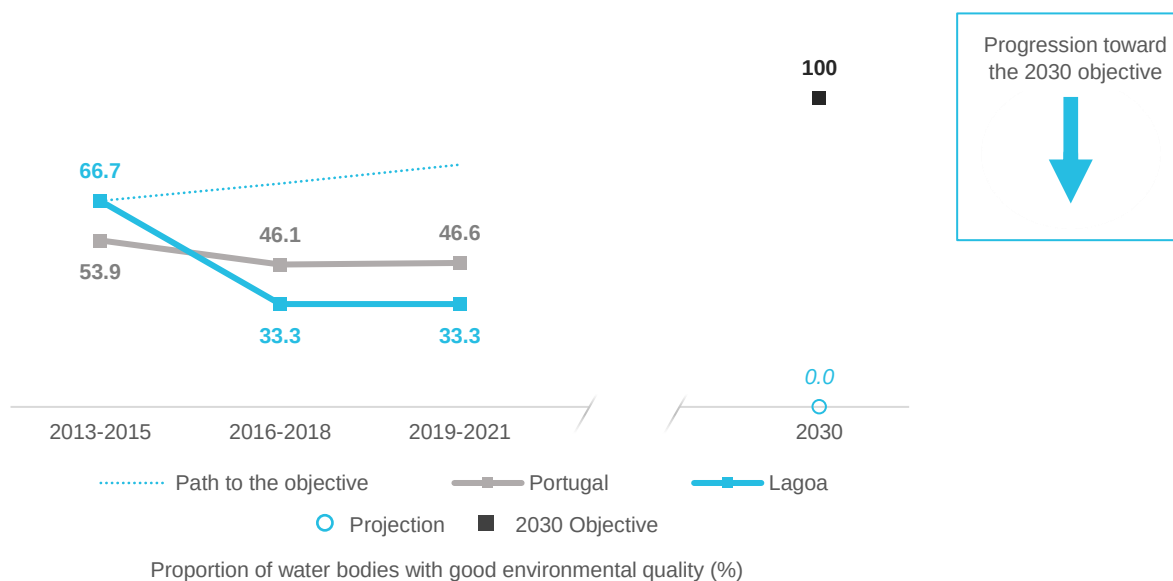


Source: ERSAR (2016-2021)

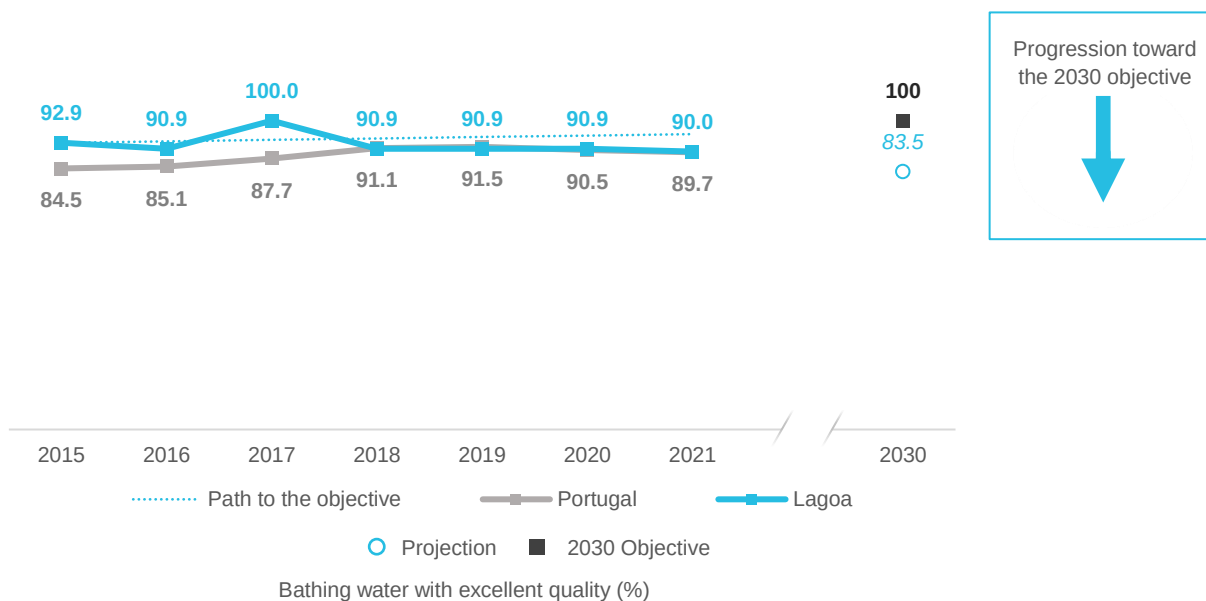
2030 OBJECTIVE  
ACHIEVED



<sup>8</sup> Data is not available for some municipalities of the Autonomous Region of the Azores.

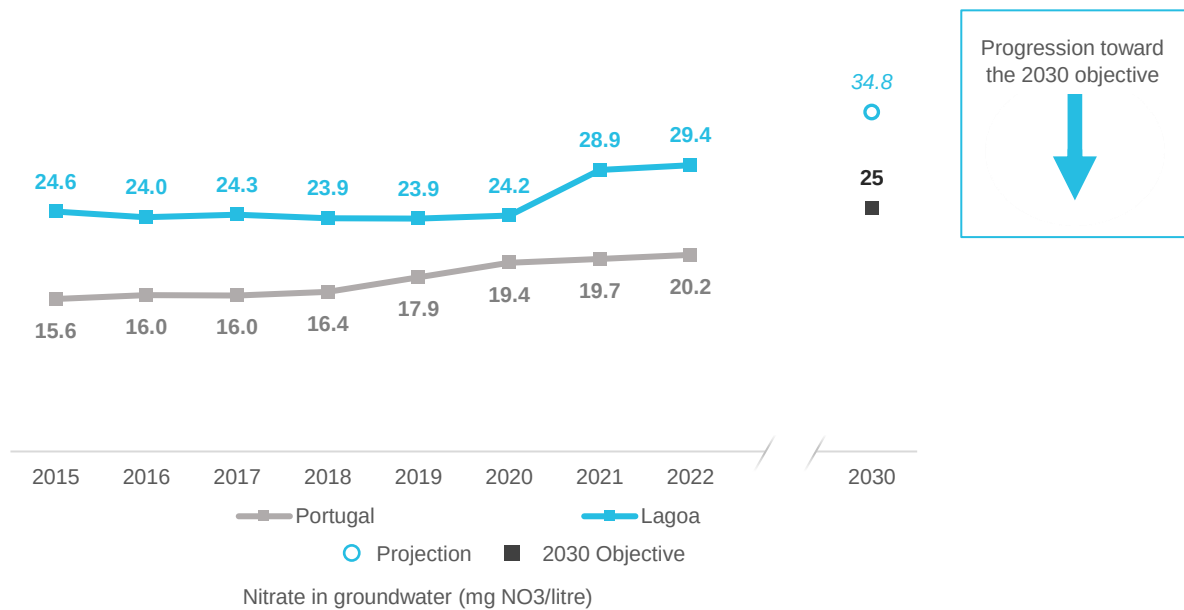
**Indicator 6.3.2(a). Proportion of water bodies with good environmental quality (%)**

Source: INE (2013/2015-2019/2021)

**Indicator 6.3.2(b). Bathing water with excellent quality (%)**

Source: INE (2015-2021), calculated by CESOP

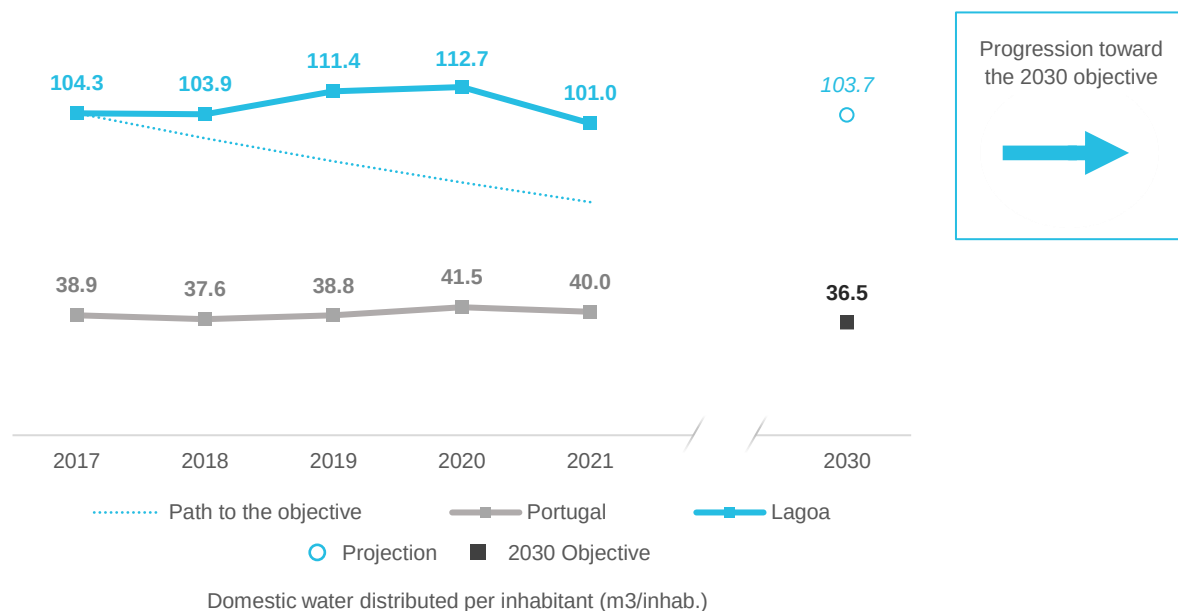
### Indicator 6.3.3. Nitrate in groundwater (mg NO<sub>3</sub>/litre)



Source: SNIRH (2011/2015-2018/2022), calculated by CESOP

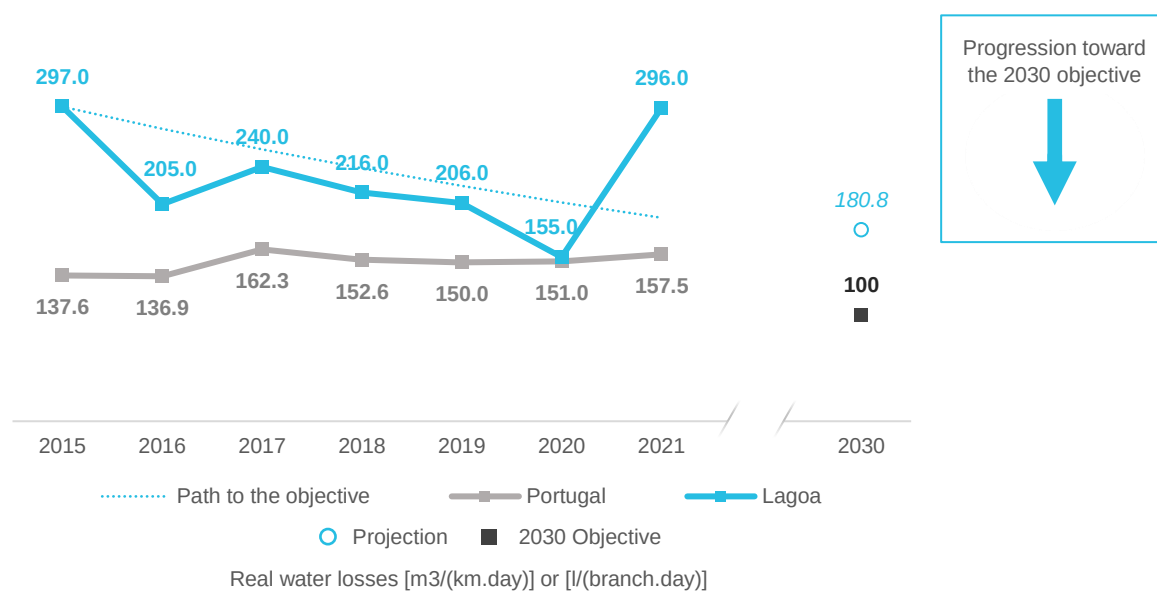
**Target 6.4** | By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

### Indicator 6.4.1. Domestic water distributed per inhabitant (m<sup>3</sup>/inhab.)



Source: ERSAR (2017-2021), calculated by CESOP

## Indicator 6.4.2. Real water losses [m3/(km.day)] or [l/(branch.day)]



Source: INE (2015-2021), calculated by CESOP



## ODS 7

# AFFORDABLE AND CLEAN ENERGY

GARANTIR O ACESSO A  
FONTES DE ENERGIA FIÁVEIS,  
SUSTENTÁVEIS E MODERNAS  
PARA TODOS

Energy is central to nearly every major challenge and opportunity the world faces today. Be it for jobs, security, climate change, food production or increasing incomes, access to energy for all is essential.

Sustainable energy is opportunity – it transforms lives, economies and the planet.



Photo by Patricia Maine Degraive

Source: UN, <https://www.un.org/sustainabledevelopment/energy/>

## GLOBAL PERFORMANCE OF THE SDG 7

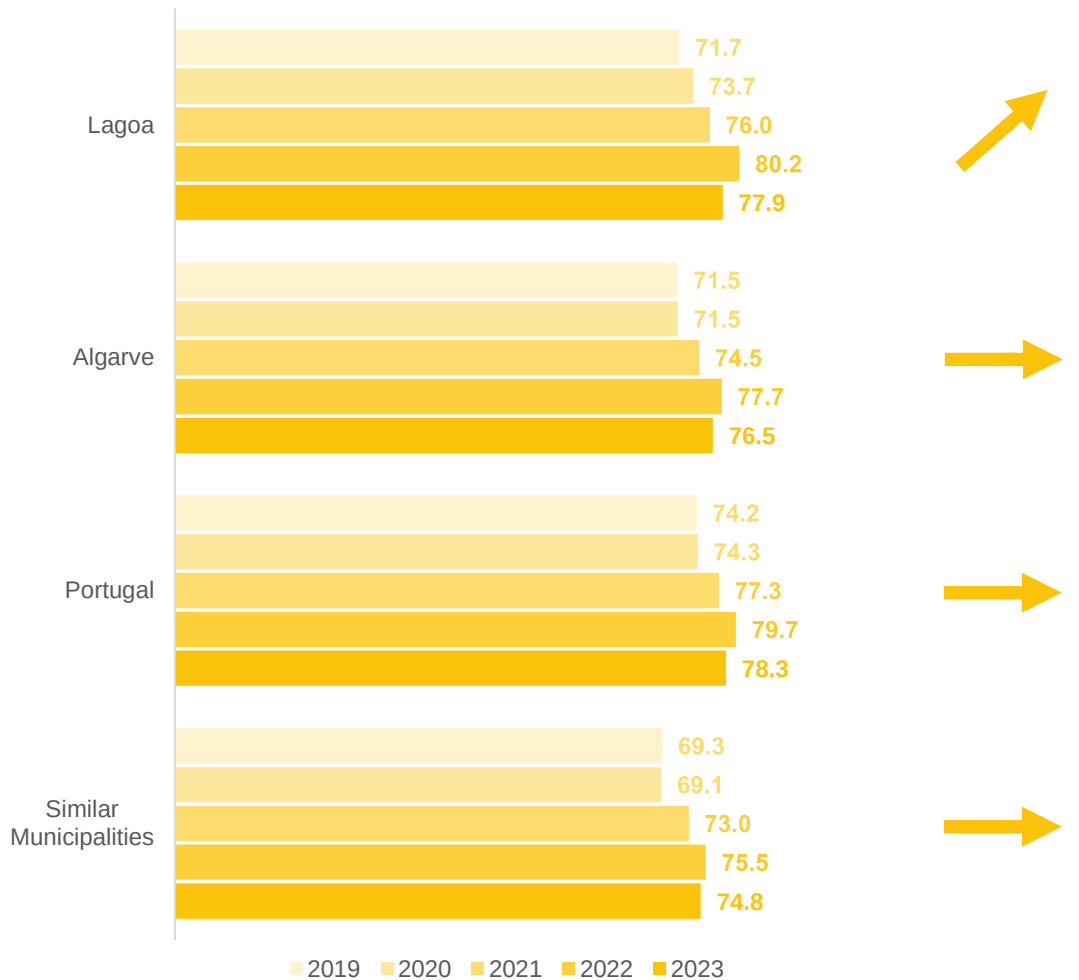


## PROGRESS ON THE SDG 7 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND



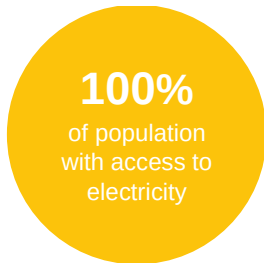
Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal

| Arrow                                                                               | Description                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
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|  | The municipality is not making significant progress towards the 2030 objectives                                                  |
|  | The municipality is distancing itself from the 2030 objectives                                                                   |
|  | The municipality is far from the 2030 objective path                                                                             |

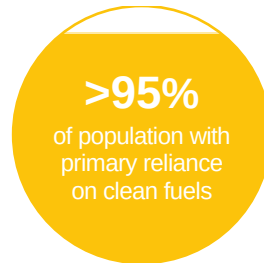


**Target 7.1** | By 2030, ensure universal access to affordable, reliable and modern energy services

**Indicator 7.1.1. Proportion of population with access to electricity (%)**

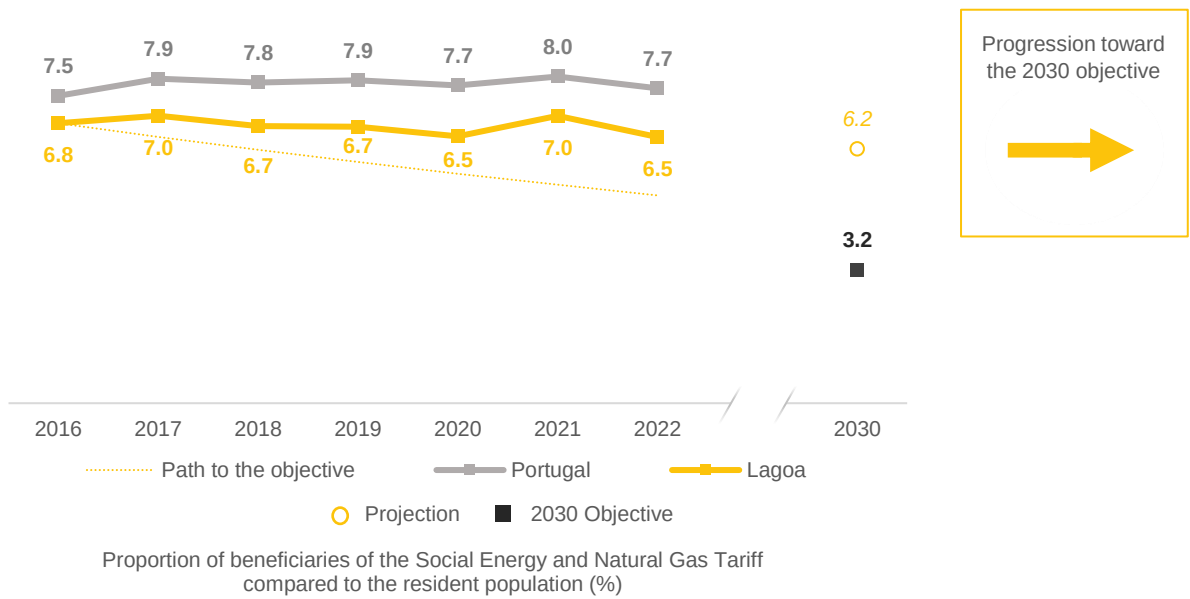


**Indicator 7.1.2. Proportion of population with primary reliance on clean fuels and technology (%)**



Source: UN (2019)

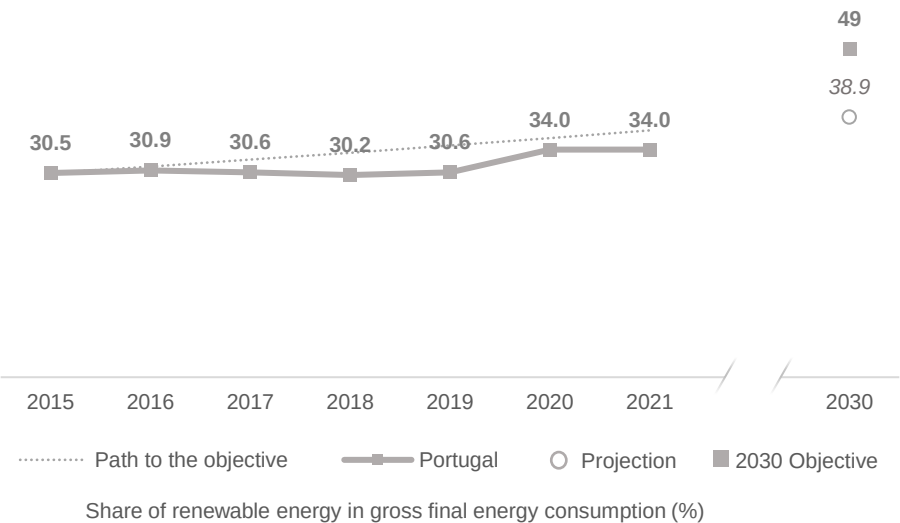
**Indicator 7.1.3. Proportion of beneficiaries of the Social Energy and Natural Gas Tariff compared to the resident population (%)**



Source: DGEG (2016-2022), calculated by CESOP

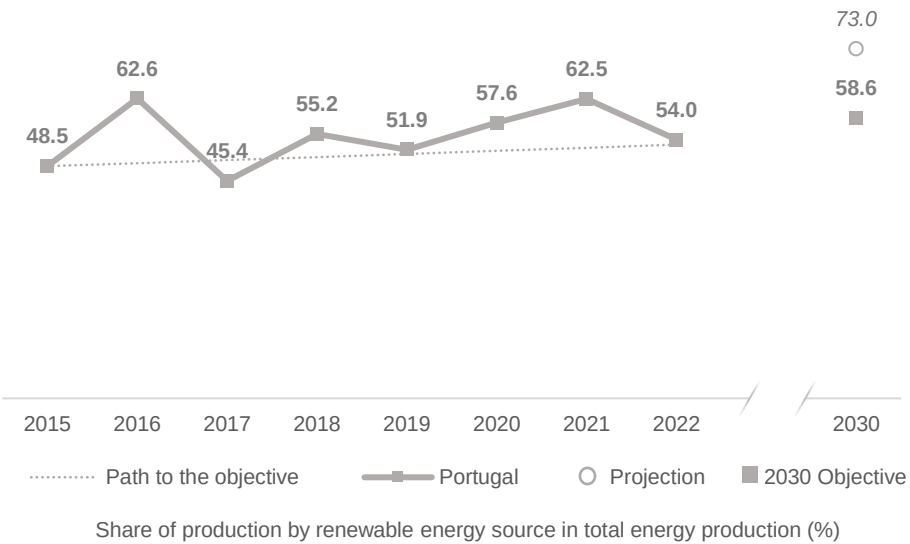
**Target 7.2 |** By 2030, increase substantially the share of renewable energy in the global energy mix

**Indicator 7.2.1(a). Share of renewable energy in gross final energy consumption (%)**

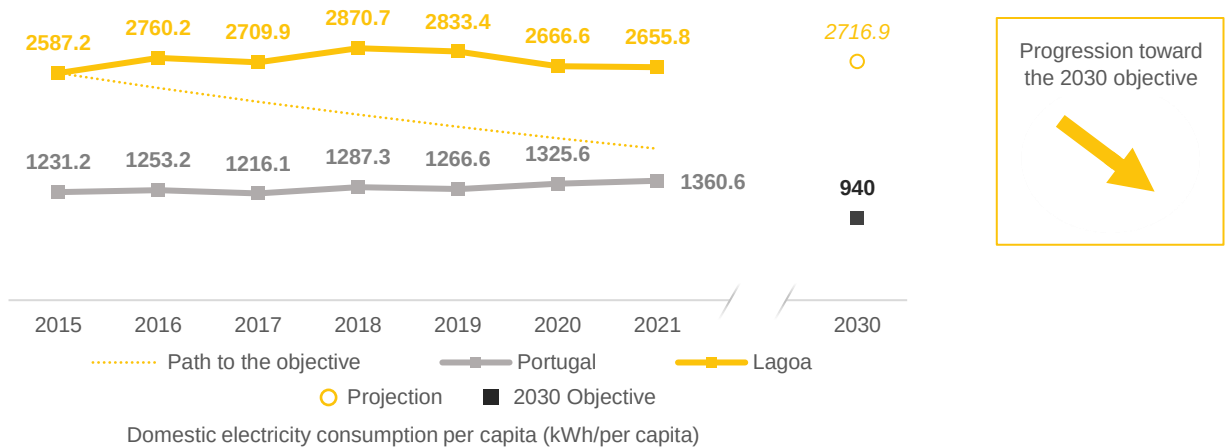


Source: DGEG (2015-2021)

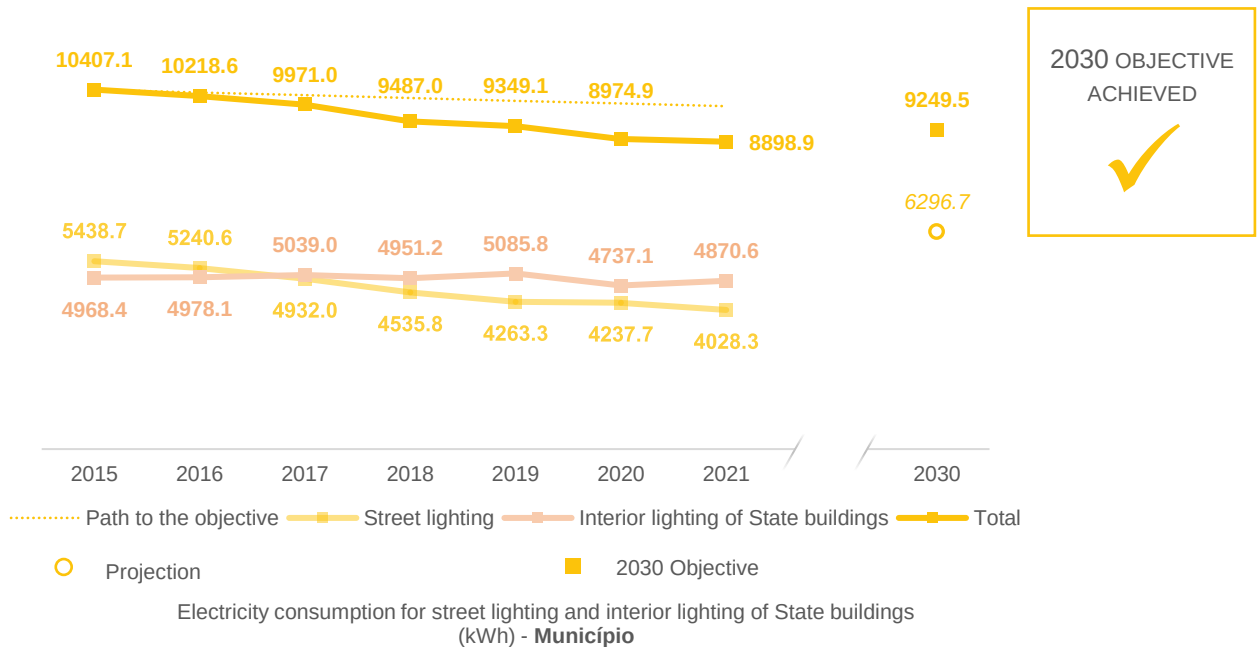
**Indicator 7.2.1(b). Share of production by renewable energy source in total energy production (%)**



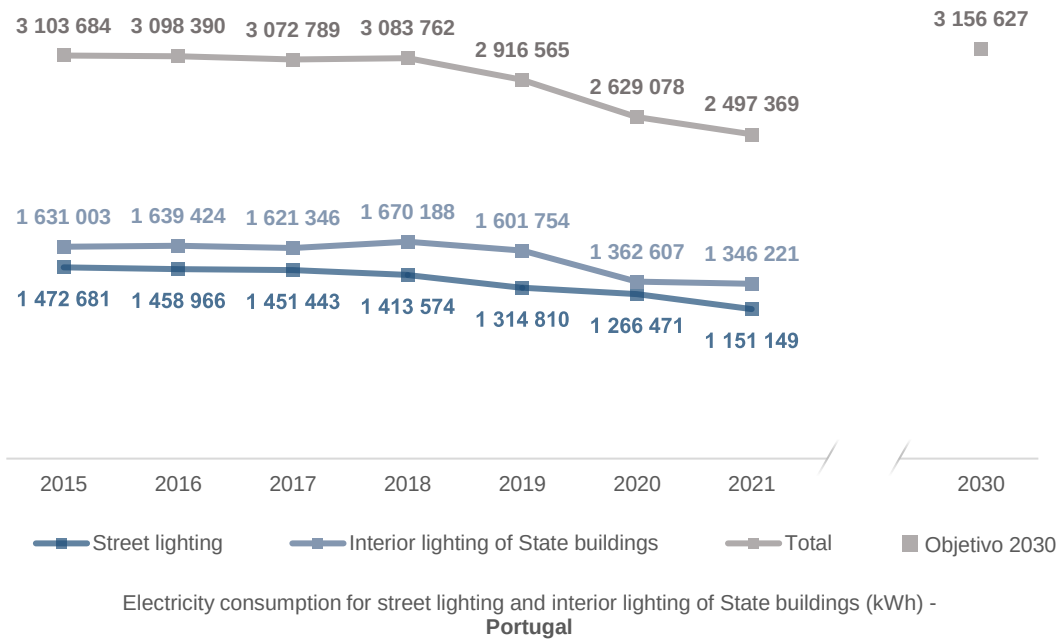
Source: DGEG (2011-2021)

**Target 7.3 | By 2030, double the global rate of improvement in energy efficiency****Indicator 7.3.1. Signatory to the Covenant of Mayors for Climate and Energy****YES ✓****57%** of Portuguese municipalities have signed the Covenant of Mayors for Climate and EnergySource: <https://www.pactodeautarcas.eu/> (2022)**Indicator 7.3.2. Domestic electricity consumption per capita (kWh/per capita)**

Source: INE (2015-2021)

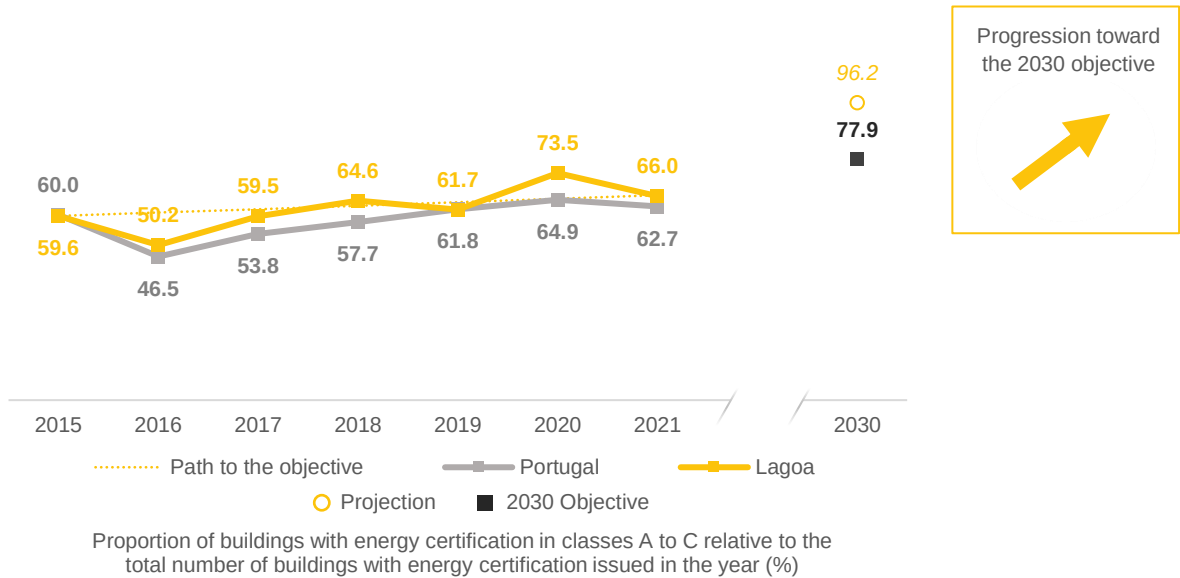
**Indicator 7.3.3. Electricity consumption for street lighting and interior lighting of State buildings (kWh)**

Source: INE (2015-2021)



Source: INE (2015-2021)

**Indicator 7.3.4. Proportion of buildings with energy certification in classes A to C relative to the total number of buildings with energy certification issued in the year (%)**



Source: SCE (2015-2021)

## SDG 8

# DECENT WORK AND ECONOMIC GROWTH

PROMOTE SUSTAINED, INCLUSIVE  
AND SUSTAINABLE ECONOMIC  
GROWTH, FULL AND PRODUCTIVE  
EMPLOYMENT AND DECENT WORK  
FOR ALL

Roughly half the world's population still lives on the equivalent of about US\$2 a day. And in too many places, having a job doesn't guarantee the ability to escape from poverty. This slow and uneven progress requires us to rethink and retool our economic and social policies aimed at eradicating poverty.

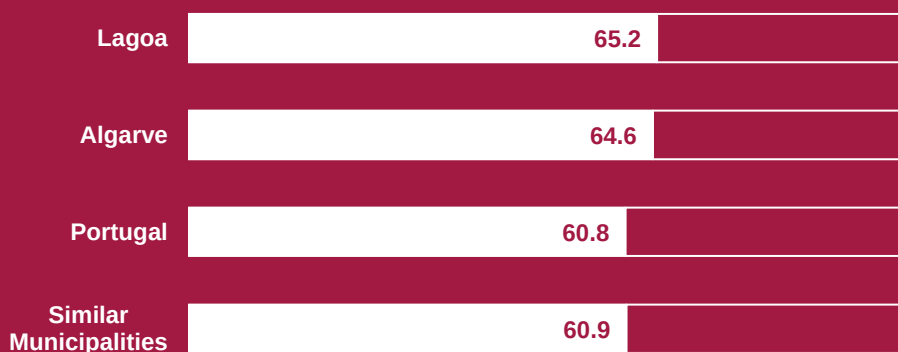
A continued lack of decent work opportunities, insufficient investments and under-consumption lead to an erosion of the basic social contract underlying democratic societies: that all must share in progress. The creation of quality jobs will remain a major challenge for almost all economies well beyond 2015.

Sustainable economic growth will require societies to create the conditions that allow people to have quality jobs that stimulate the economy while not harming the environment. Job opportunities and decent working conditions are also required for the whole working age population.

Source: UN, <https://www.un.org/sustainabledevelopment/economic-growth/>



## GLOBAL PERFORMANCE OF THE SDG 8

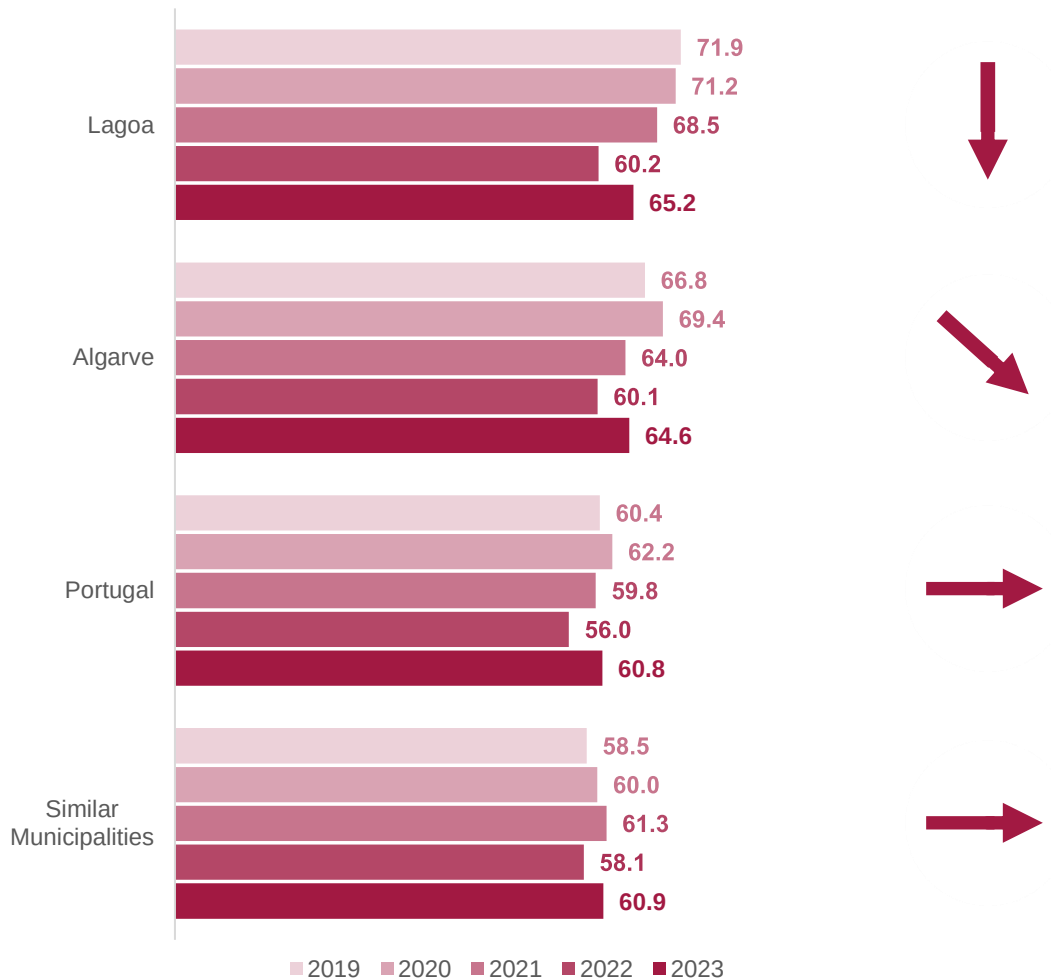


## PROGRESS ON THE SDG 8 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

### PERFORMANCE 2019-2023

### TREND



### Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal

| Arrow | Description                                                                                                                      |
|-------|----------------------------------------------------------------------------------------------------------------------------------|
| ↑     | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
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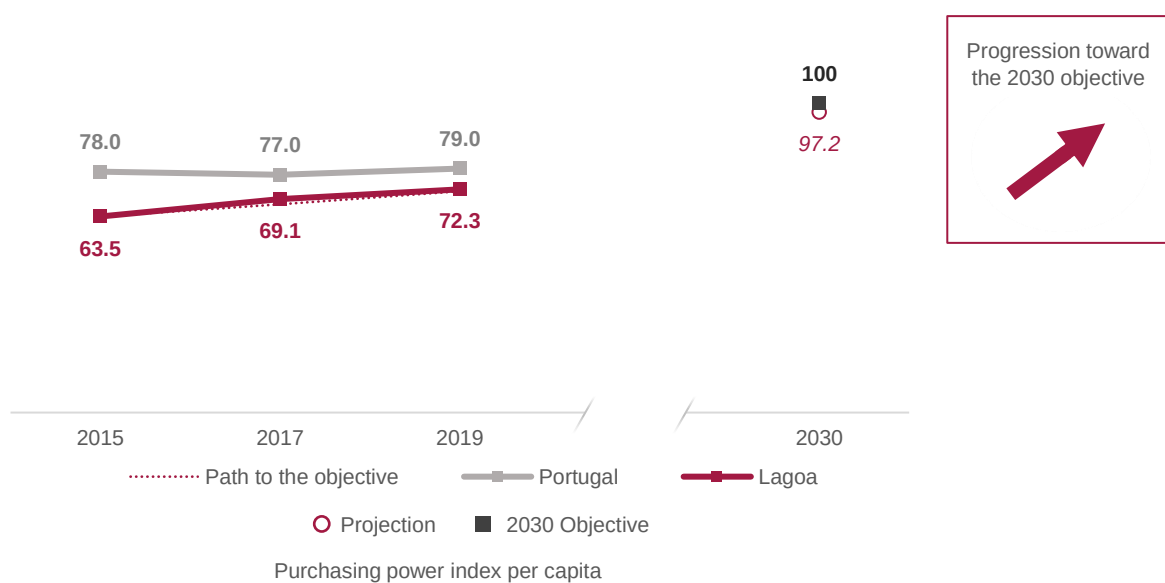
**Target 8.1 |** Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries

**Indicator 8.1.1. Average annual growth rate of GDP per capita**



Source: INE (2001/2015-2007/2021), calculated by CESOP

**Indicator 8.1.2. Purchasing power index per capita**

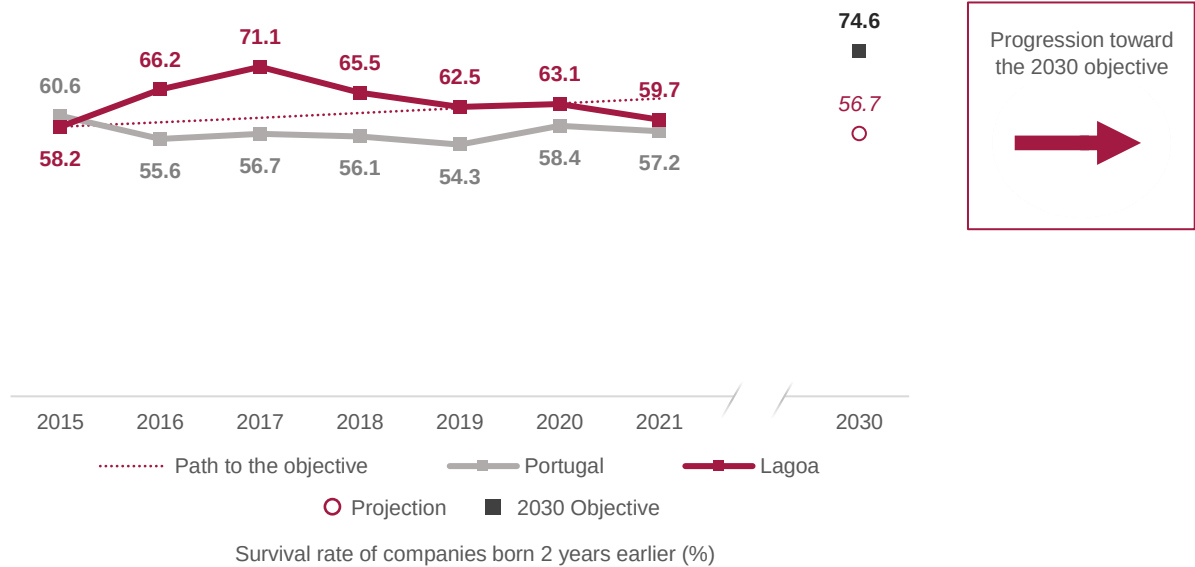


Source: INE (2015-2019), calculated by CESOP

The objective for 2030 (100) represents the average purchasing power in the European Union. Thus, Portugal's objective for 2030 is to reach the average level of purchasing power in the European Union.

**Target 8.3 |** Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services

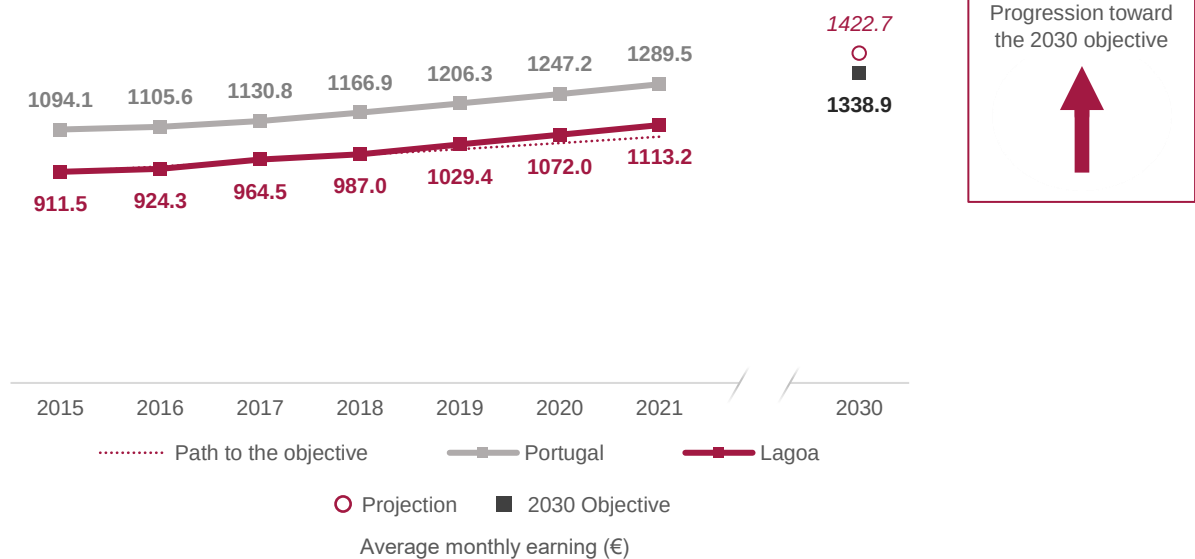
**Indicador 8.3.1. Survival rate of companies born 2 years earlier (%)**



Source: INE (2015-2021)

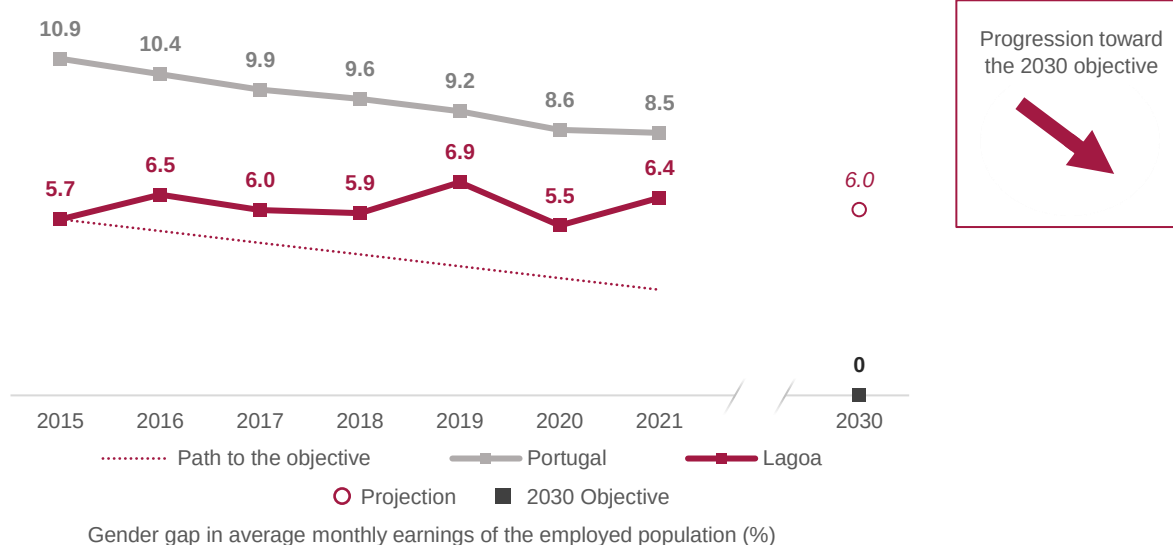
**Target 8.5 |** By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value

**Indicador 8.5.1(a). Average monthly earning (€)**

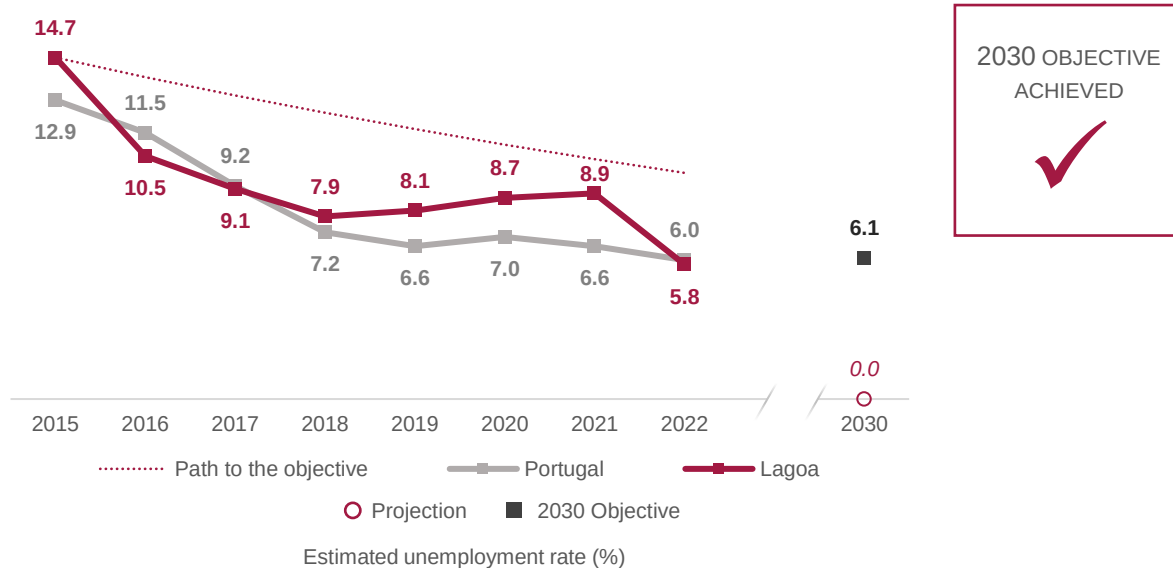


Source: INE (2015-2021)



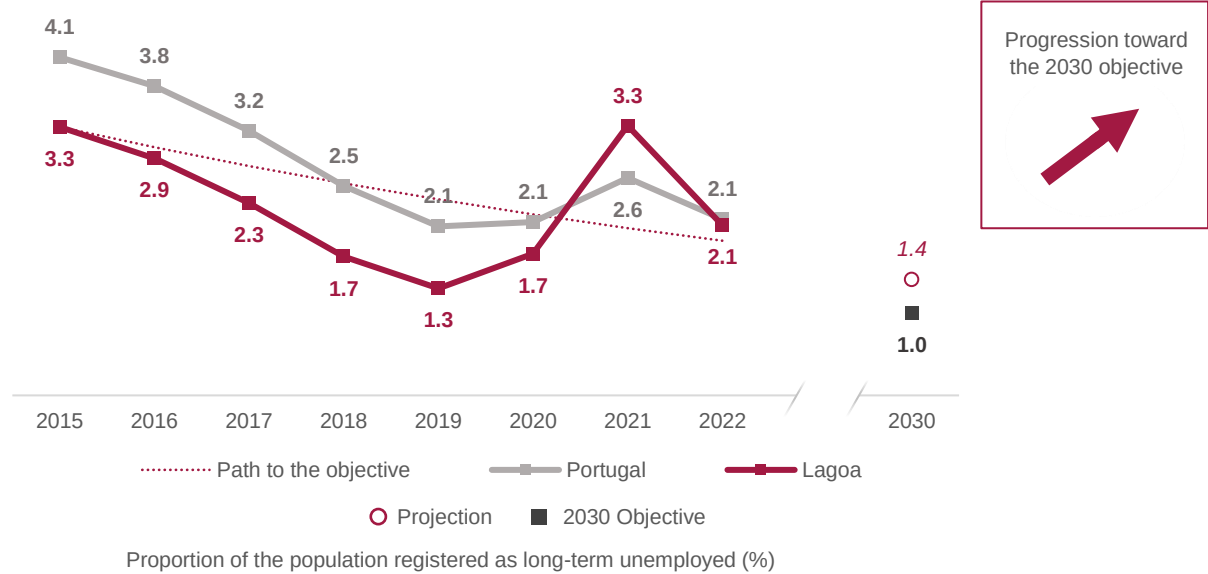
**Indicator 8.5.1(b). Gender gap in average monthly earnings of the employed population (%)**

Source: INE (2015-2021)

**Indicator 8.5.2(a). Estimated unemployment rate (%)**

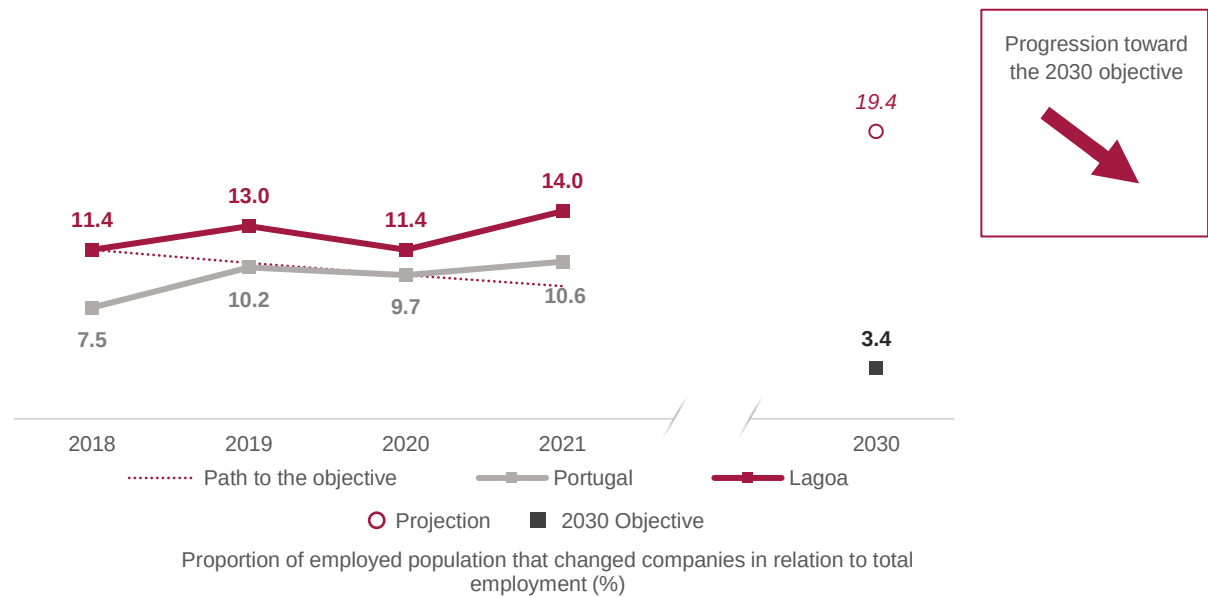
Source: Pordata (2015-2022), calculated by CESOP

**Indicator 8.5.2(b). Proportion of the population registered as long-term unemployed (%)**



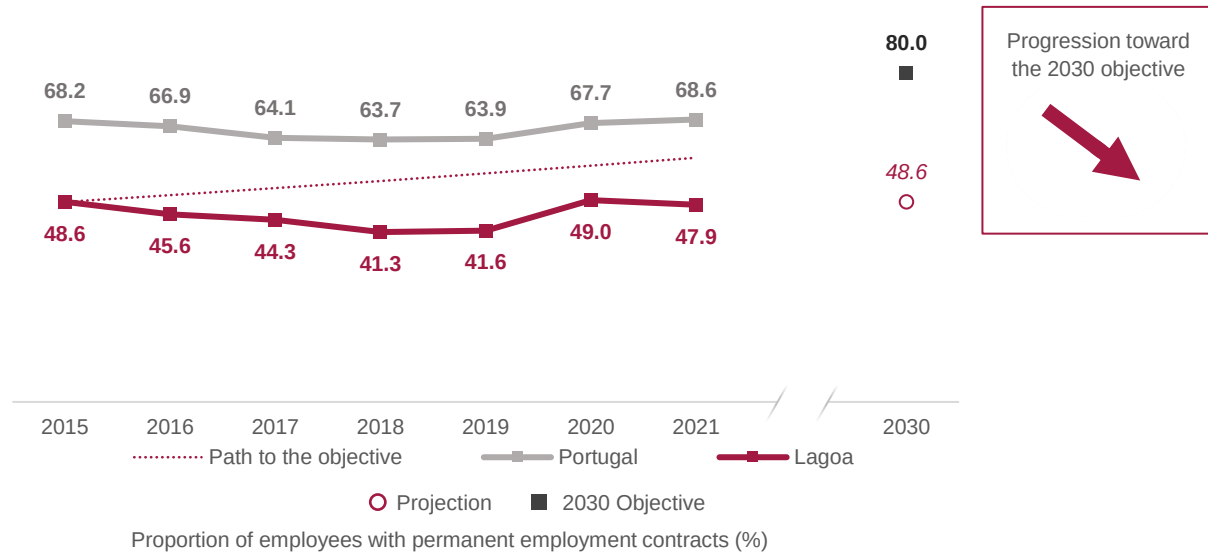
Source: Pordata (2015-2022), calculated by CESOP

**Indicator 8.5.3(a). Proportion of employed population that changed companies in relation to total employment (%)**



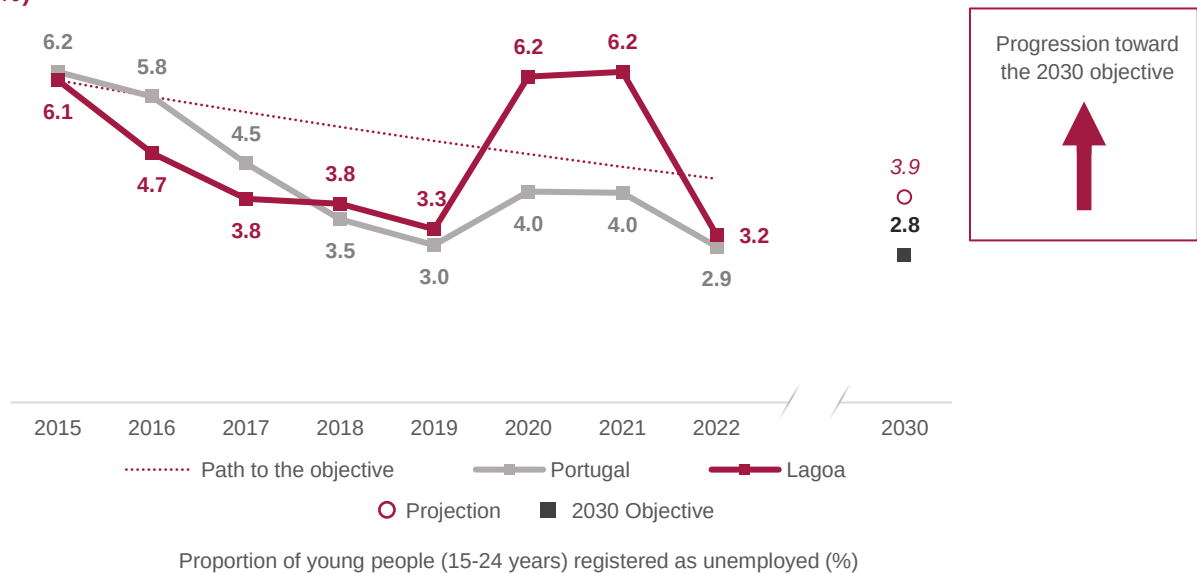
Source: INE (2018-2021)

### Indicator 8.5.3(b). Proportion of employees with permanent employment contracts (%)



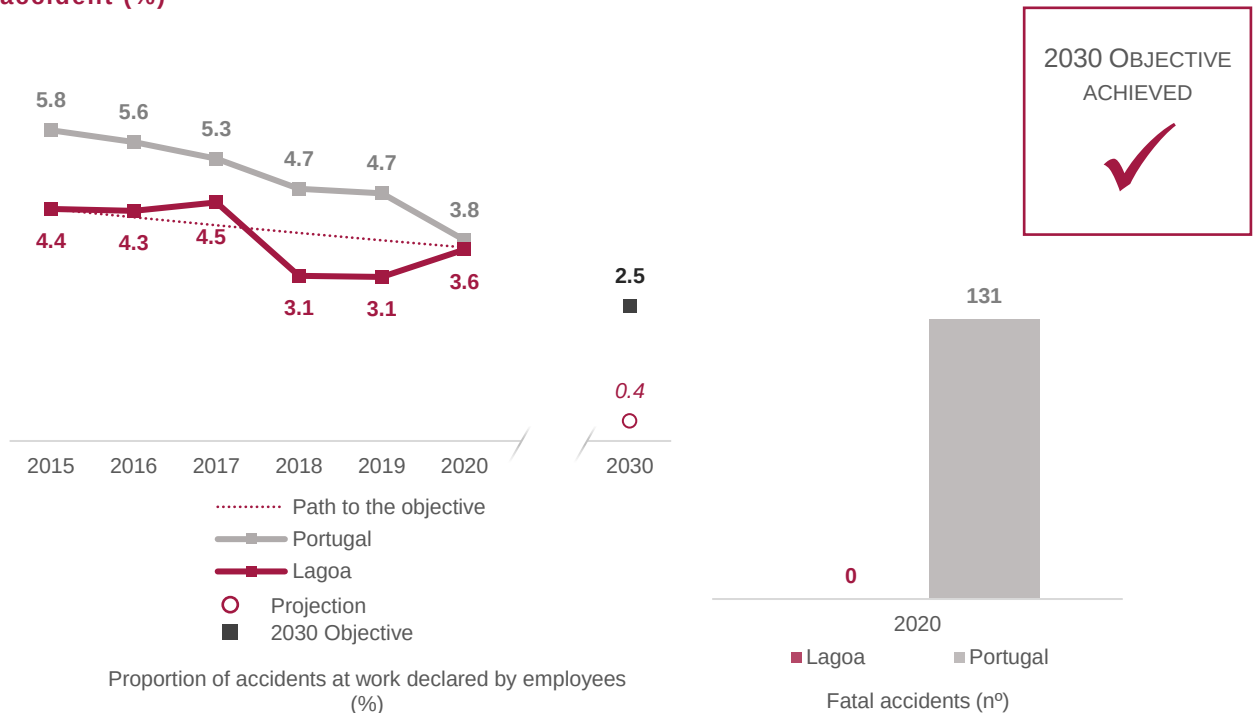
### Target 8.6 | By 2020, substantially reduce the proportion of youth not in employment, education or training

#### Indicator 8.6.1. Proportion of young people (15-24 years) registered as unemployed (%)



**Target 8.8 |** Protect labor rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment

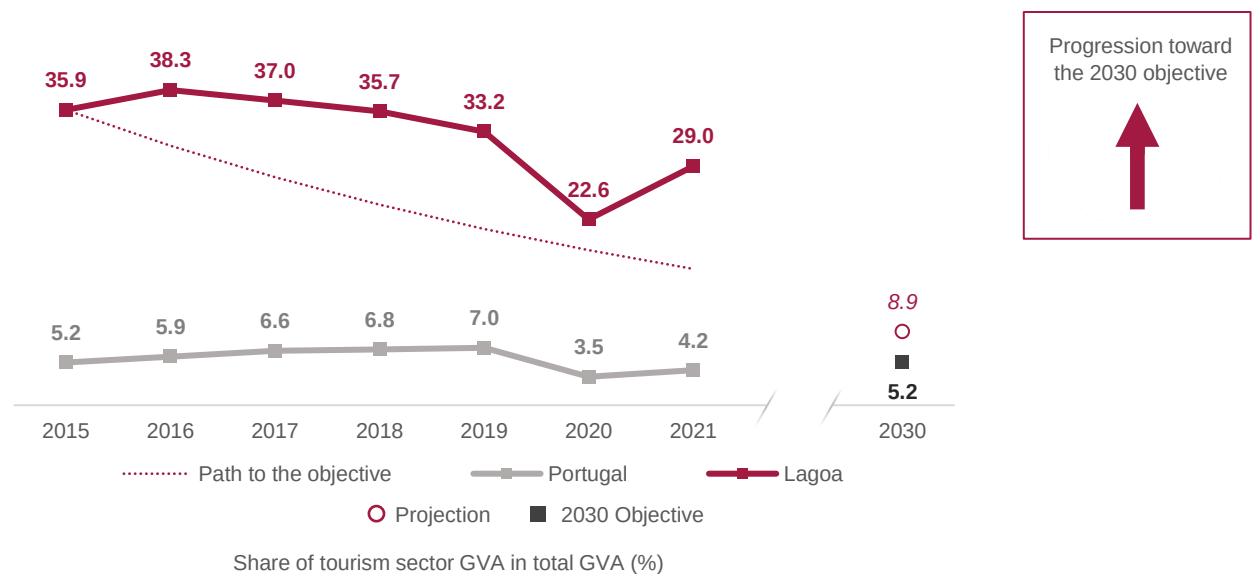
**Indicator 8.8.1. Proportion of accidents at work declared by employees by type of accident (%)**



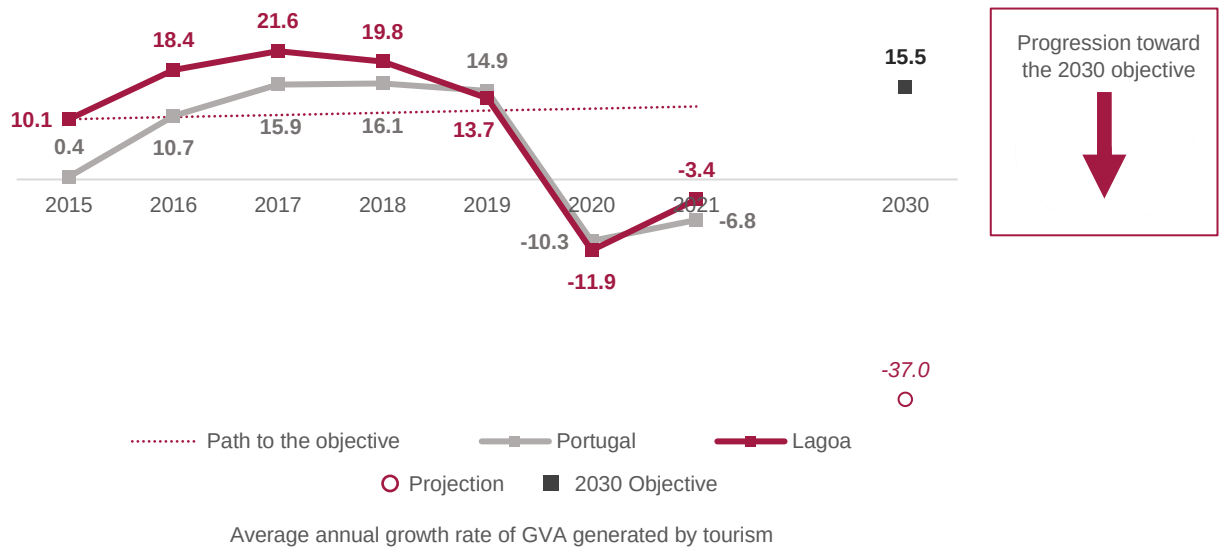
Source: GEP/MTSSS (2015-2020), calculated by CESOP

**Target 8.9 |** By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products

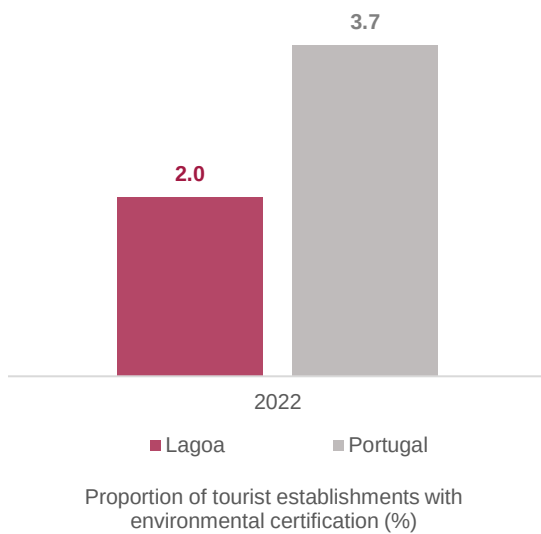
**Indicator 8.9.1(a). Share of tourism sector GVA in total GVA (%)**



Source: INE (2015-2021), calculated by CESOP

**Indicator 8.9.1(b). Average annual growth rate of GVA generated by tourism**

Source: INE (2011/2015-2016/2020), calculated by CESOP

**Indicator 8.9.2. Proportion of tourist establishments with environmental certification (%)**

Source: RNT (2021), calculated by CESOP

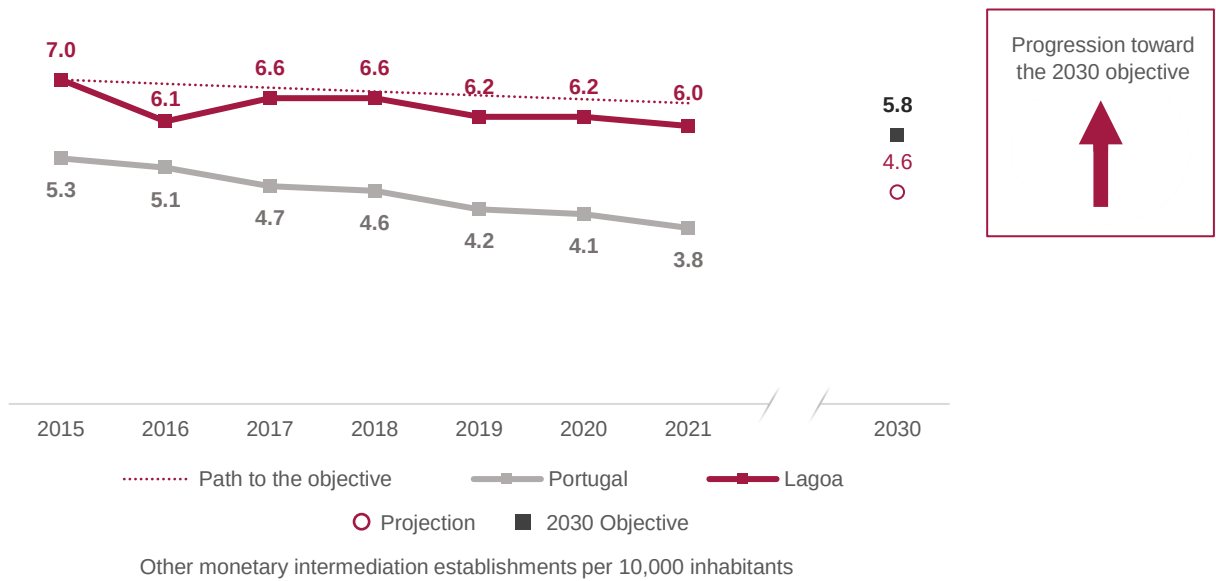
**Indicator 8.9.3. Rewarded by sustainable tourism awards****No x**

31% of Portuguese municipalities have received at least one sustainable tourism award

Source: ABAE/Sustainable Destinations (2021), calculated by CESOP

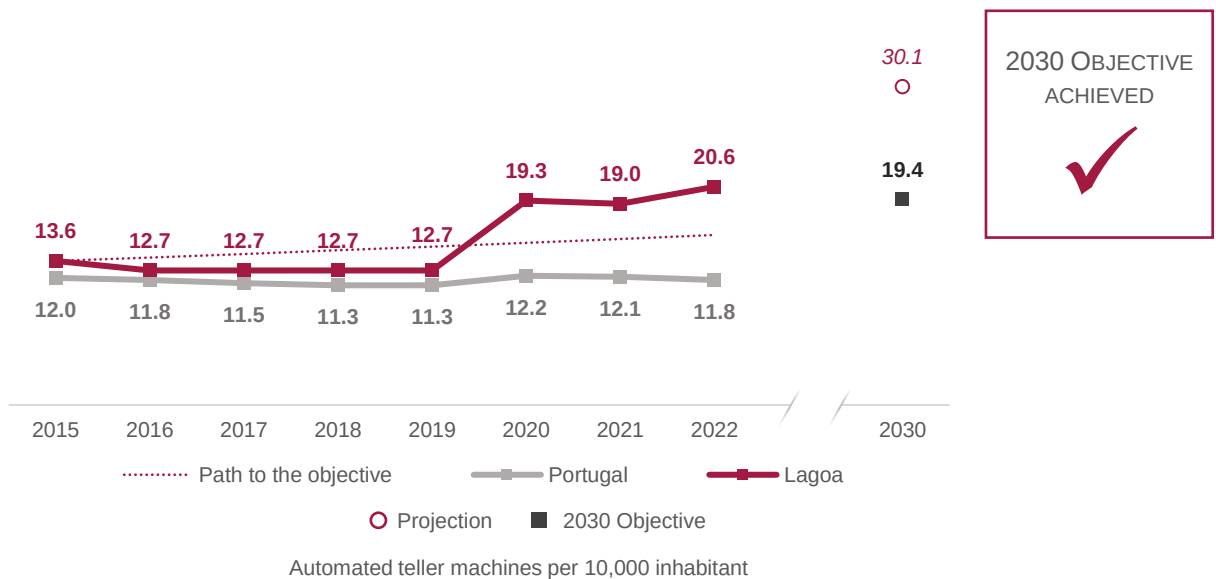
**Target 8.10** | Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all

**Indicator 8.10.1(a). Other monetary intermediation establishments per 10 000 inhabitants**



Source: INE (2015-2021)

**Indicator 8.10.1(b). Automated teller machines per 10 000 inhabitant**



Source: INE (2015-2022)

## SDG 9

# INDUSTRY, INNOVATION AND INFRASTRUCTURE

BUILD RESILIENT INFRASTRUCTURE,  
PROMOTE SUSTAINABLE  
INDUSTRIALIZATION AND FOSTER  
INNOVATION

Investments in infrastructure – transport, irrigation, energy and information and communication technology – are crucial to achieving sustainable development and empowering communities in many countries. It has long been recognized that growth in productivity and incomes, and improvements in health and education outcomes require investment in infrastructure.

Inclusive and sustainable industrial development is the primary source of income generation, allows for rapid and sustained increases in living standards for all people, and provides the technological solutions to environmentally sound industrialization.

Technological progress is the foundation of efforts to achieve environmental objectives, such as increased resource and energy-efficiency. Without technology and innovation, industrialization will not happen, and without industrialization, development will not happen.

Source: UN, <https://www.un.org/sustainabledevelopment//infrastructure-industrialization/>



## GLOBAL PERFORMANCE OF THE SDG 9

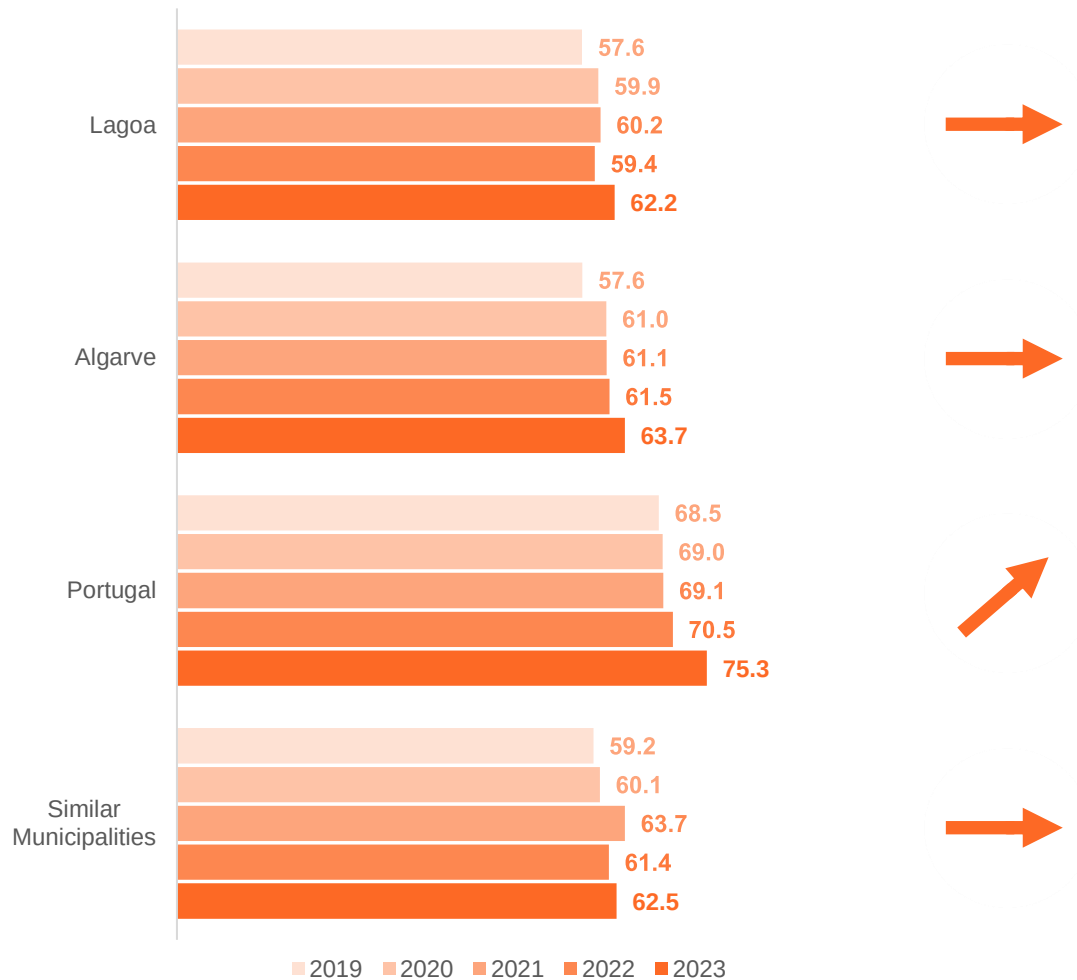


## PROGRESS ON THE SDG 9 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND



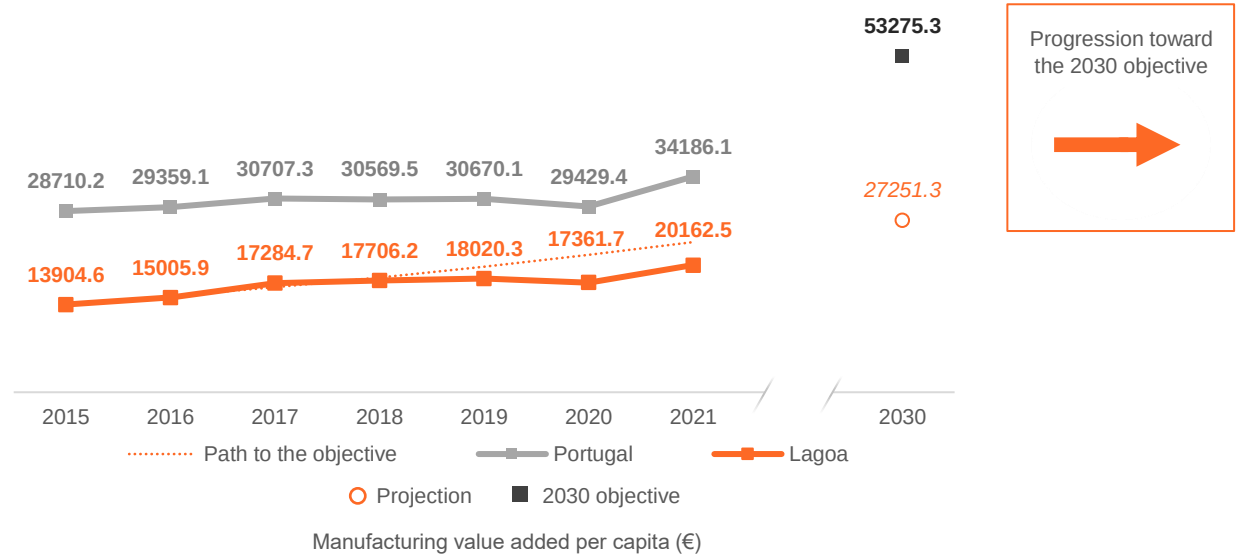
Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal

| Arrow | Description                                                                                                                      |
|-------|----------------------------------------------------------------------------------------------------------------------------------|
| ↑     | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
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| →     | The municipality is not making significant progress towards the 2030 objectives                                                  |
| ↘     | The municipality is distancing itself from the 2030 objectives                                                                   |
| ↓     | The municipality is far from the 2030 objective path                                                                             |



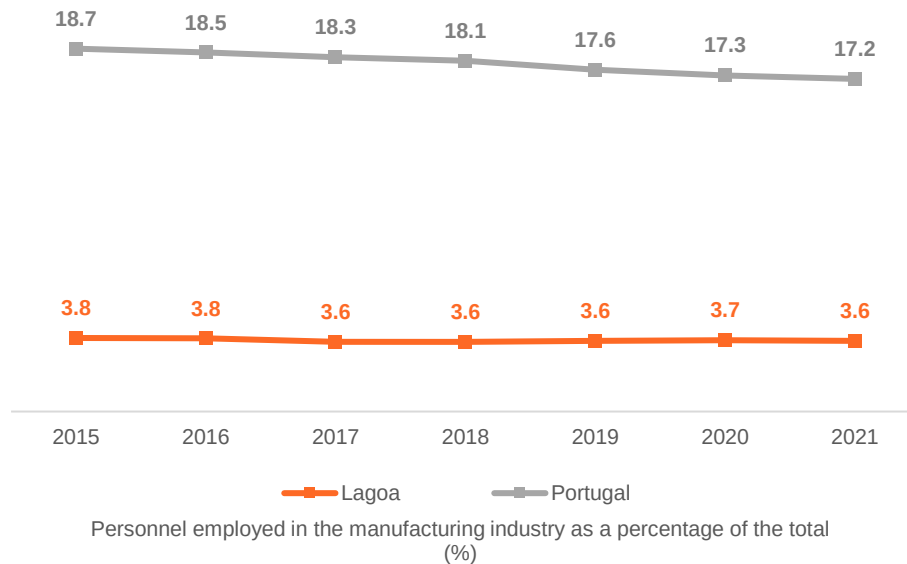
**Target 9.2** | Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries

**Indicator 9.2.1. Manufacturing value added per capita (€)**



Source: INE (2015-2021), calculated by CESOP

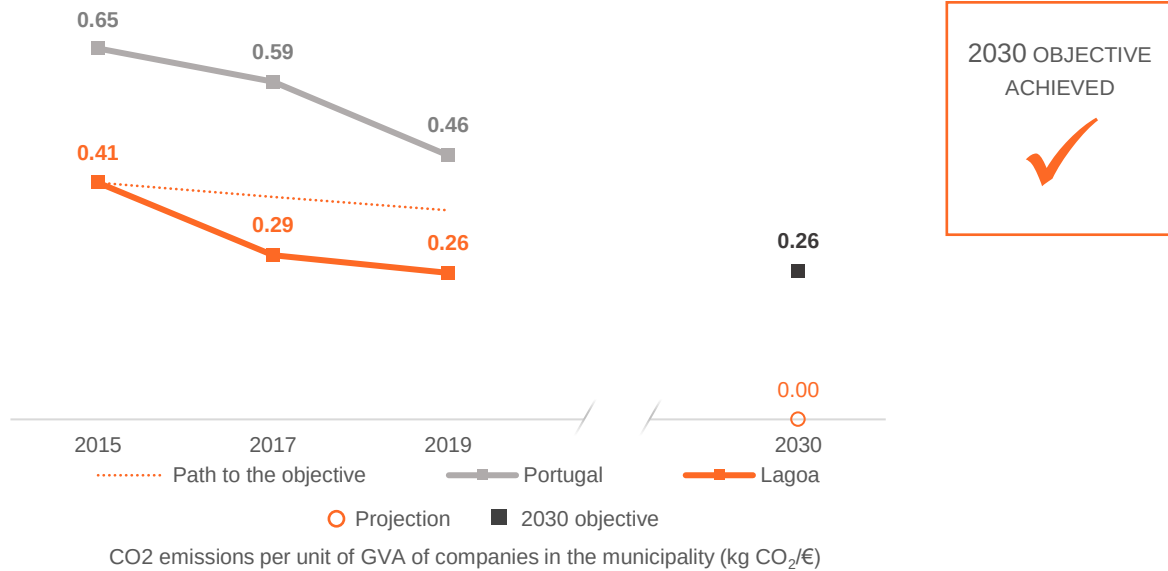
**Indicator 9.2.2. Personnel employed in the manufacturing industry as a percentage of the total (%)**



Source: INE (2015-2021), calculated by CESOP

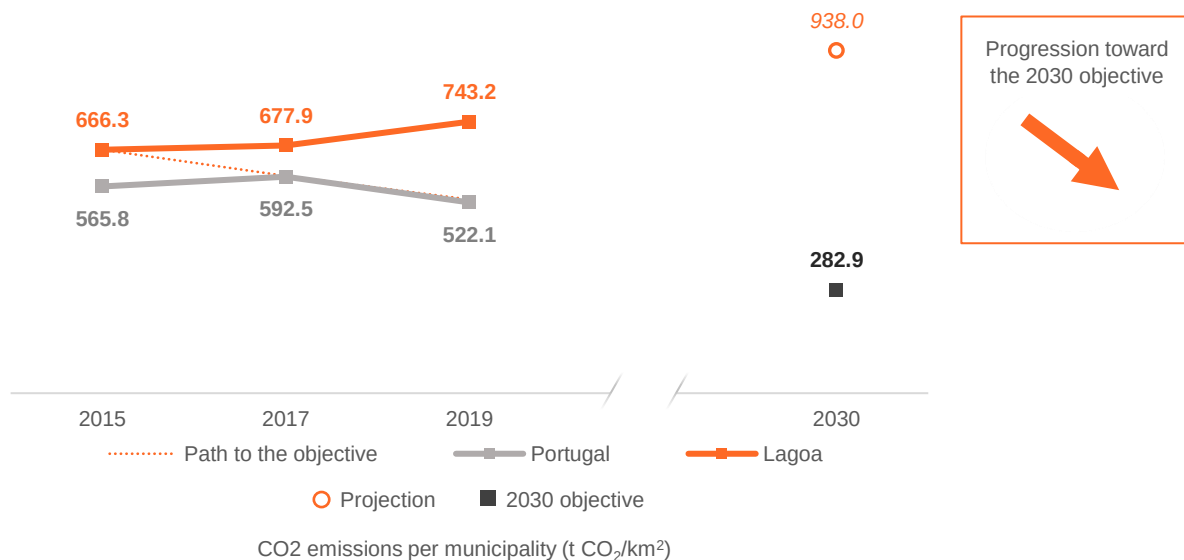
**Target 9.4** | By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities

**Indicator 9.4.1. CO<sub>2</sub> emissions per unit of GVA of companies in the municipality (kg CO<sub>2</sub>/€)<sup>9</sup>**



Source: APA/INE (2015-2019), calculated by CESOP

**Indicator 9.4.2. CO<sub>2</sub> emissions per municipality (t CO<sub>2</sub>/km<sup>2</sup>)**



Source: APA/INE (2015-2019), calculated by CESOP

<sup>9</sup> Unlike the UN and INE indicator, the ISM indicator considers the GVA produced by all the companies present in the territory and not only the manufacturing companies.

## SDG 10

REDUCED  
INEQUALITIESREDUCE INEQUALITY WITHIN  
AND AMONG COUNTRIES

The international community has made significant strides towards lifting people out of poverty. The most vulnerable nations – the least developed countries, the landlocked developing countries and the small island developing states – continue to make inroads into poverty reduction. However, inequality still persists and large disparities remain in access to health and education services and other assets.

Additionally, while income inequality between countries may have been reduced, inequality within countries has risen. There is growing consensus that economic growth is not sufficient to reduce poverty if it is not inclusive and if it does not involve the three dimensions of sustainable development – economic, social and environmental.

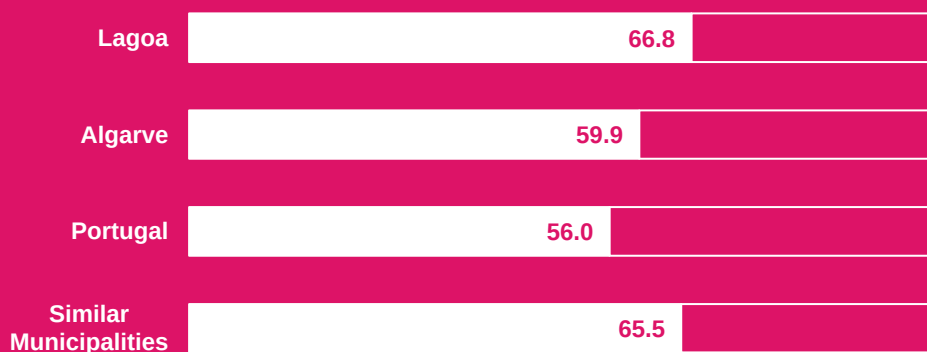
To reduce inequality, policies should be universal in principle paying attention to the needs of disadvantaged and marginalized populations.

Source: UN, <https://www.un.org/sustainabledevelopment/inequality/>



Photo by Stefan Schranz

## GLOBAL PERFORMANCE OF THE SDG 10

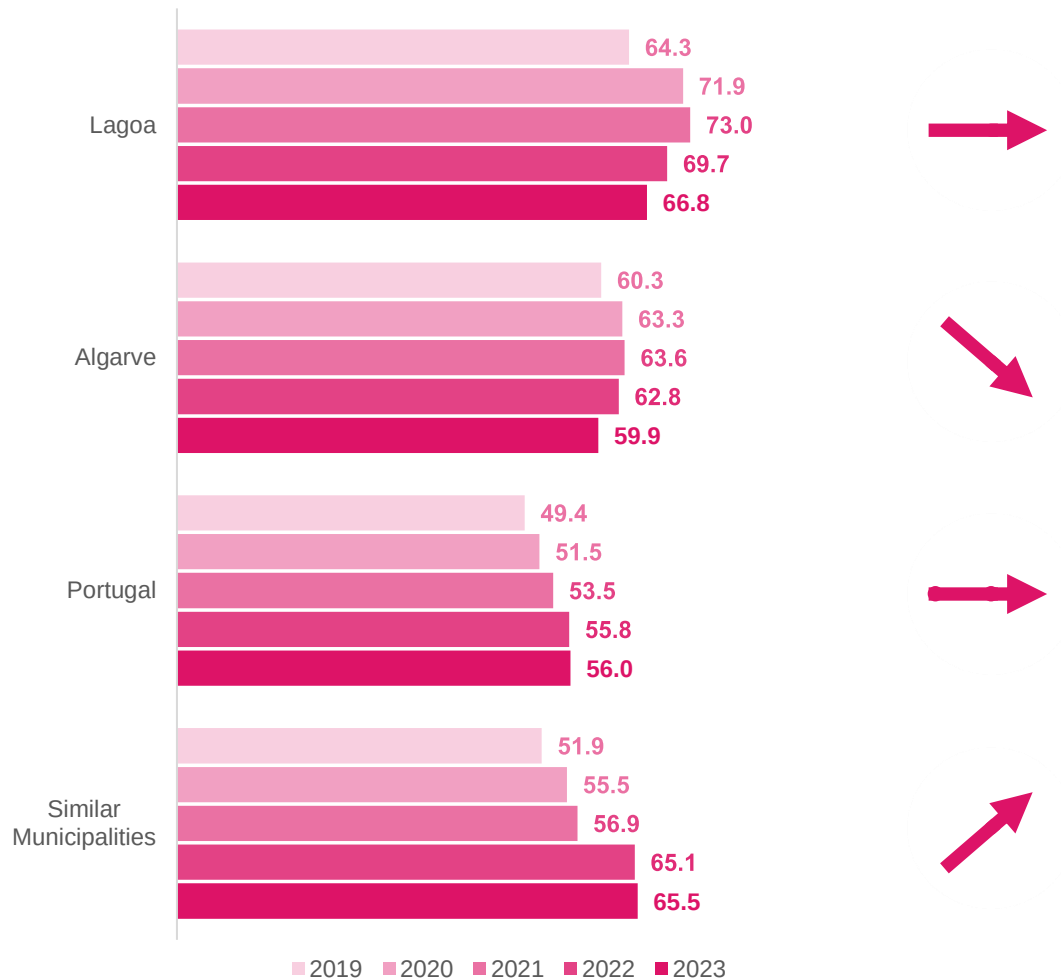


## PROGRESS ON THE SDG 10 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND

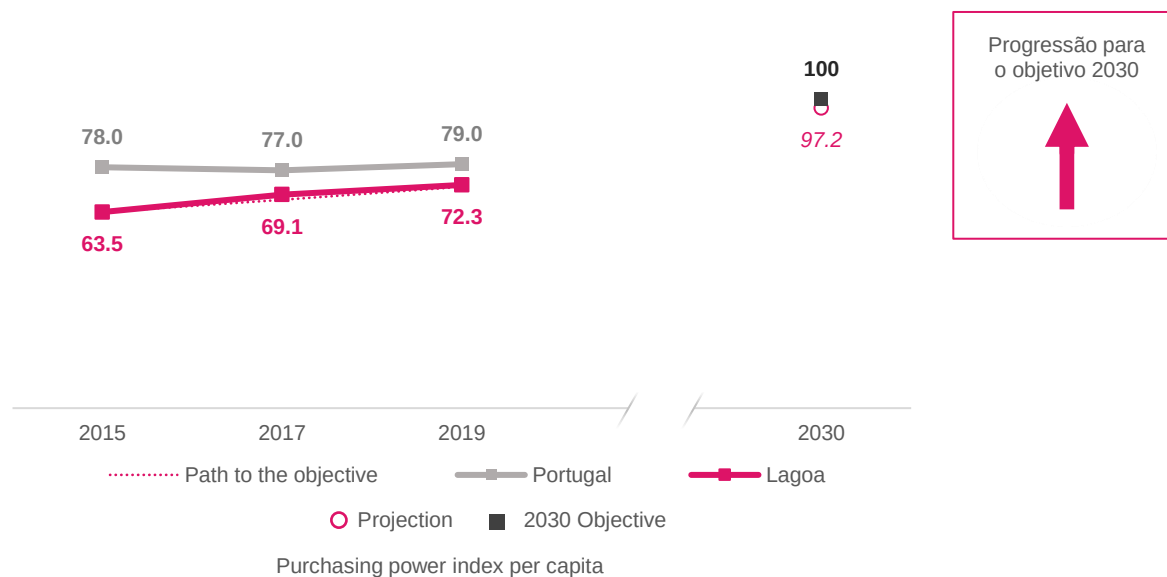


**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

| Arrow | Description                                                                                                                      |
|-------|----------------------------------------------------------------------------------------------------------------------------------|
| ↑     | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
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| →     | The municipality is not making significant progress towards the 2030 objectives                                                  |
| ↘     | The municipality is distancing itself from the 2030 objectives                                                                   |
| ↓     | The municipality is far from the 2030 objective path                                                                             |

**Target 10.1** | By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average

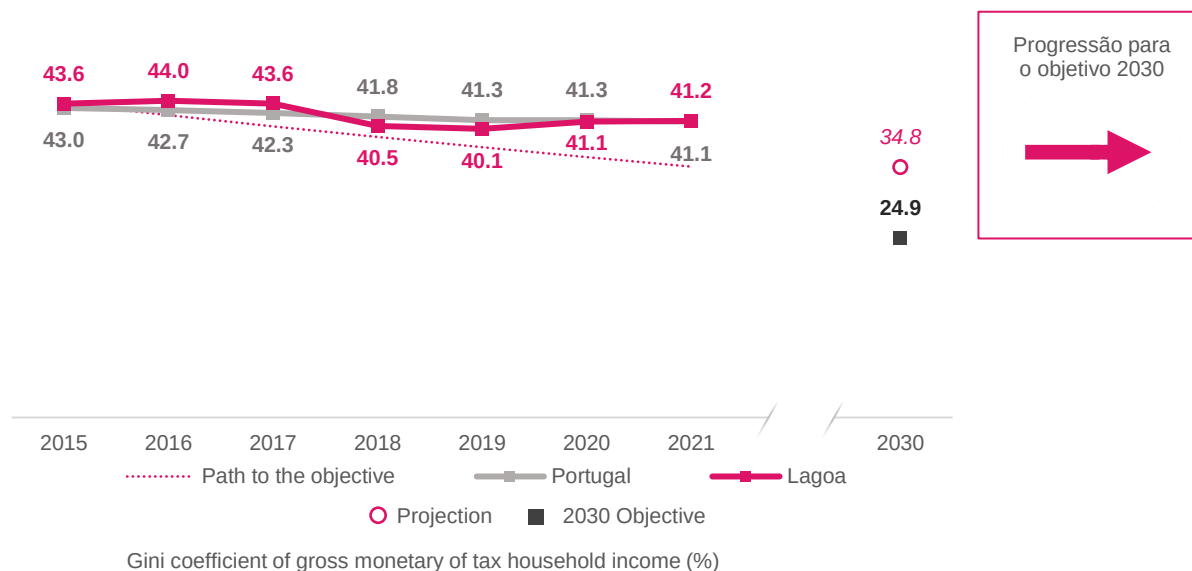
**Indicator 10.1.1. Purchasing power index per capita**



Source: INE (2015-2019), calculated by CESOP

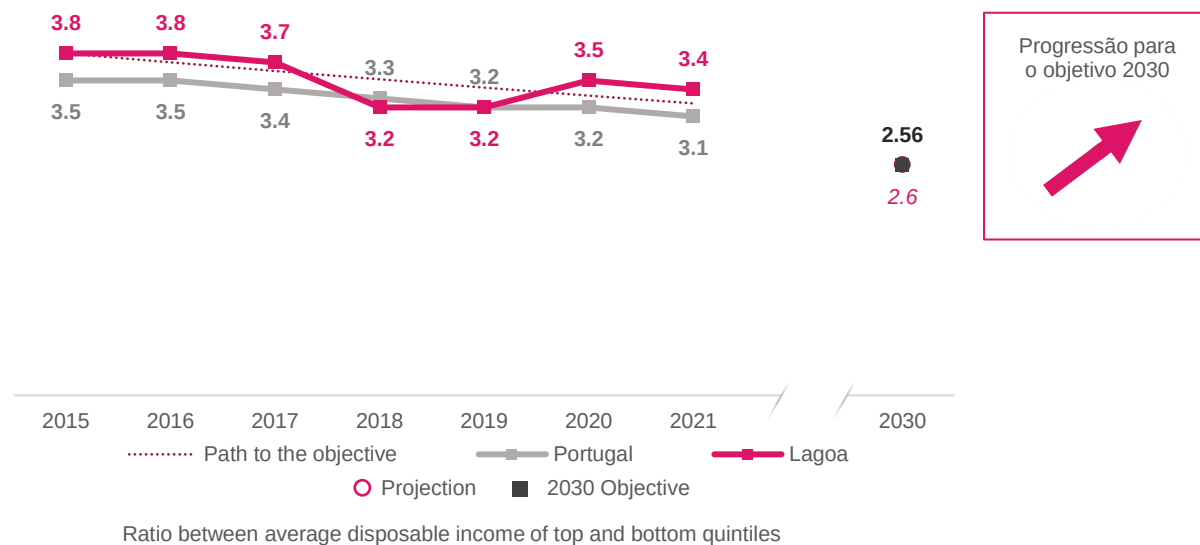
The objective for 2030 (100) represents the average purchasing power in the European Union. Thus, Portugal's objective for 2030 is to reach the average level of purchasing power in the European Union.

**Indicator 10.1.2. Gini coefficient of gross monetary of tax household income (%)**



Source: INE (2015-2021)

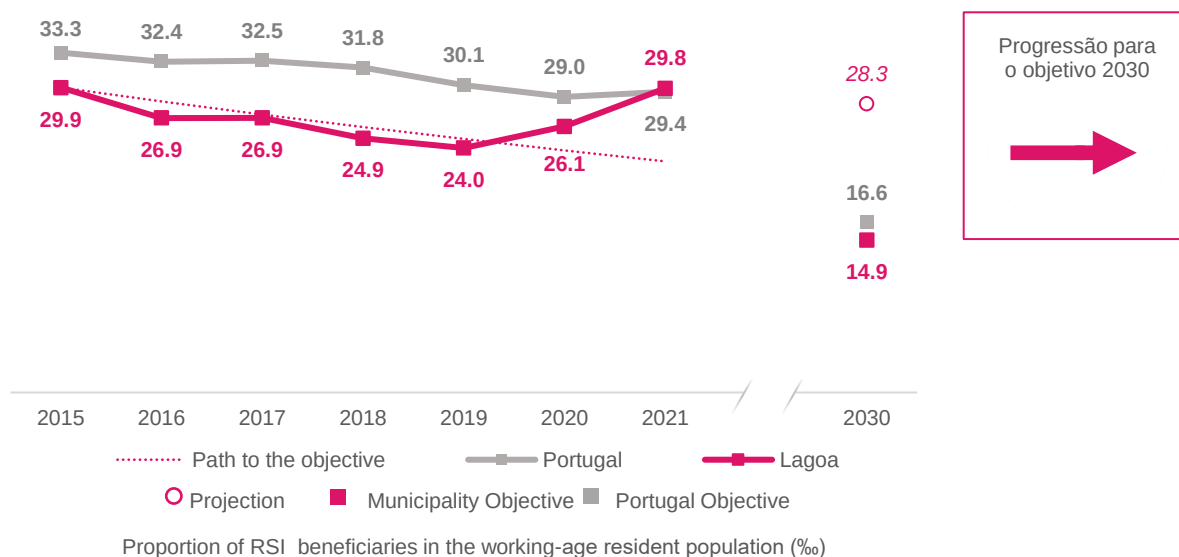
### Indicator 10.1.3. Ratio between average disposable income of top and bottom quintiles



Source: INE (2015-2021)

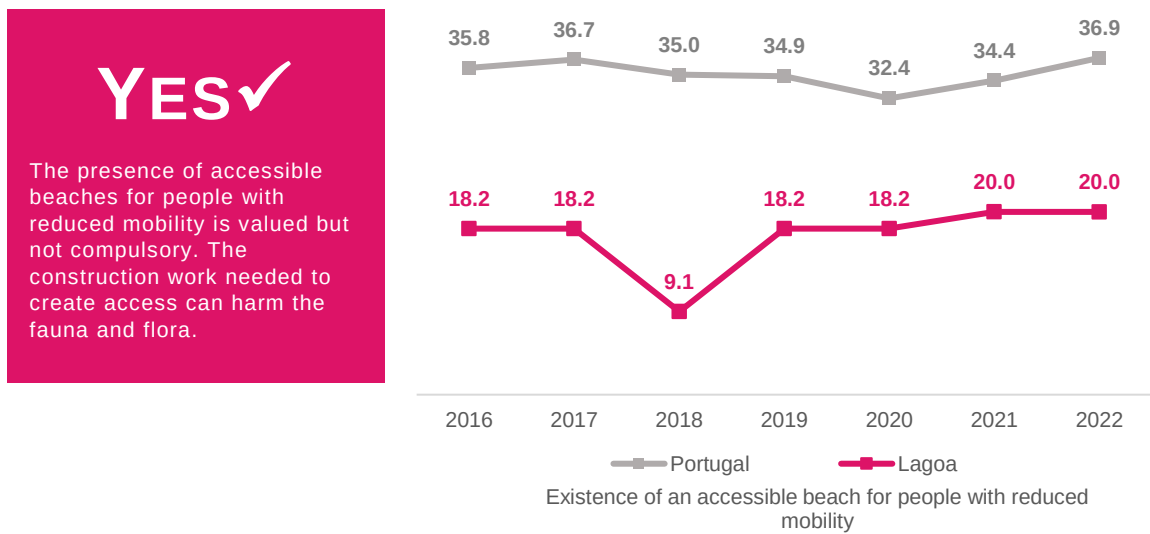
### Target 10.2 | By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status

#### Indicator 10.2.1. Proportion of RSI<sup>1</sup> beneficiaries in the working-age resident population (‰)



Source: INE (2015-2021), calculated by CESOP

<sup>1</sup> The Social Insertion Income (RSI, Portuguese acronym) is a benefit of the Portuguese Solidarity Subsystem within the Social Protection System of Citizenship of the Portuguese Social Security.

**Indicator 10.2.2. Existence of an accessible beach for people with reduced mobility**

Source: INE (2016-2022), calculated by CESOP

**Target 10.7 |** Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies

**Indicator 10.7.2. Existence of municipal plans and structures for immigrant integration**

**YES ✓**

54% of Portuguese municipalities with a population of foreigners over 1% have measures in place to integrate them

Source: ACM (2022), calculated by CESOP





## SDG 11

SUSTAINABLE  
CITIES AND  
COMMUNITIESMAKE CITIES INCLUSIVE, SAFE,  
RESILIENT AND SUSTAINABLE

Cities are hubs for ideas, commerce, culture, science, productivity, social development and much more. At their best, cities have enabled people to advance socially and economically.

However, many challenges exist to maintaining cities in a way that continues to create jobs and prosperity while not straining land and resources. Common urban challenges include congestion, lack of funds to provide basic services, a shortage of adequate housing and declining infrastructure.

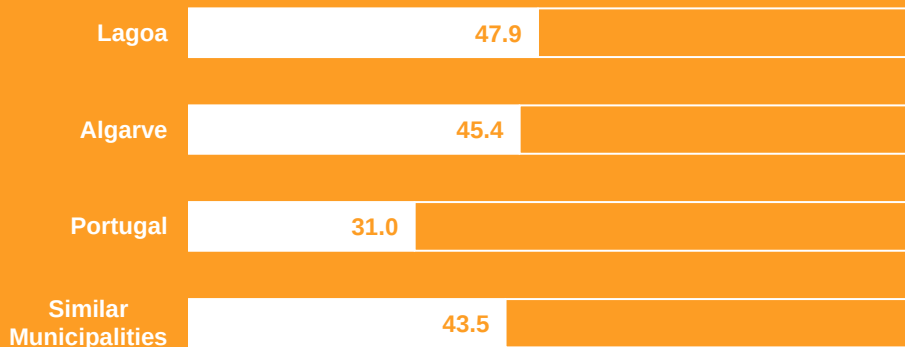


Photo by Pexels

The challenges cities face can be overcome in ways that allow them to continue to thrive and grow, while improving resource use and reducing pollution and poverty. The future we want includes cities of opportunities for all, with access to basic services, energy, housing, transportation and more.

Source: UN, <https://www.un.org/sustainabledevelopment/cities/>

## GLOBAL PERFORMANCE OF THE SDG 11

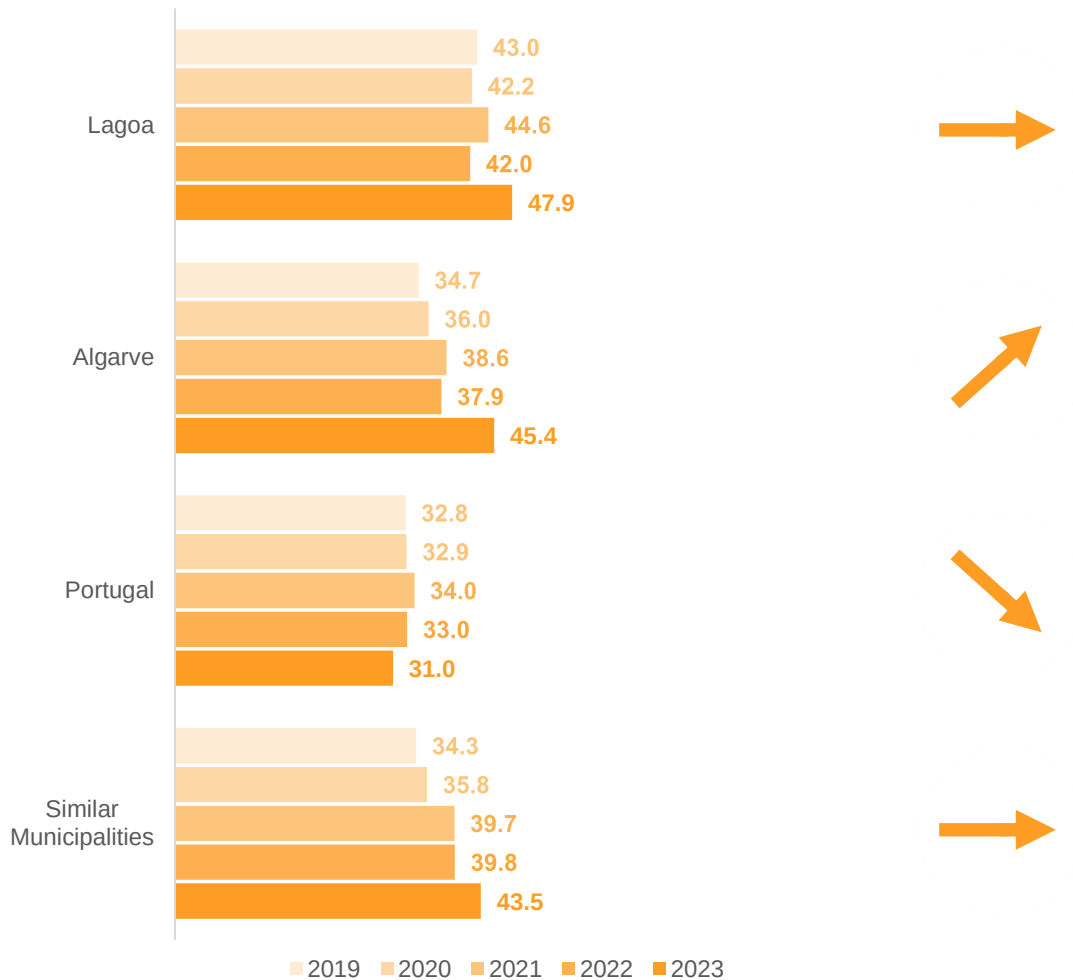


## PROGRESS ON THE SDG 11 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND

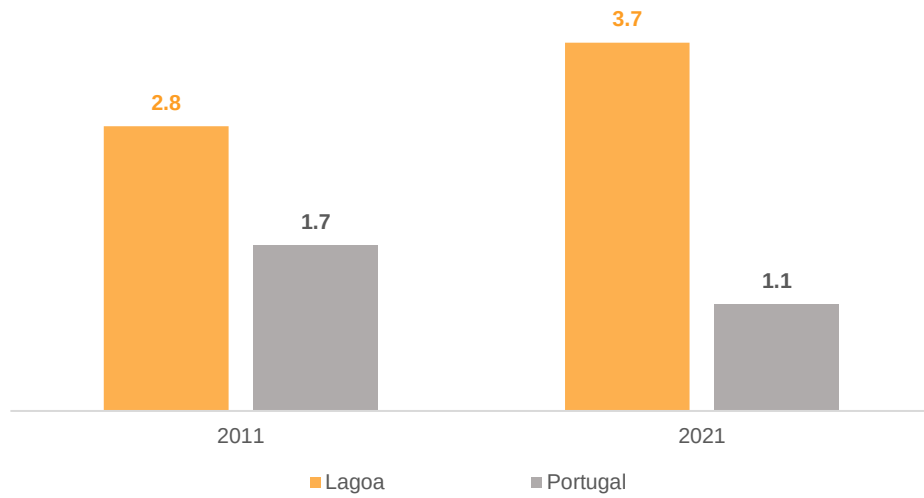


**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

| Arrow | Description                                                                                                                      |
|-------|----------------------------------------------------------------------------------------------------------------------------------|
| ↑     | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
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| →     | The municipality is not making significant progress towards the 2030 objectives                                                  |
| ↘     | The municipality is distancing itself from the 2030 objectives                                                                   |
| ↓     | The municipality is far from the 2030 objective path                                                                             |

**Target 11.1** | By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums

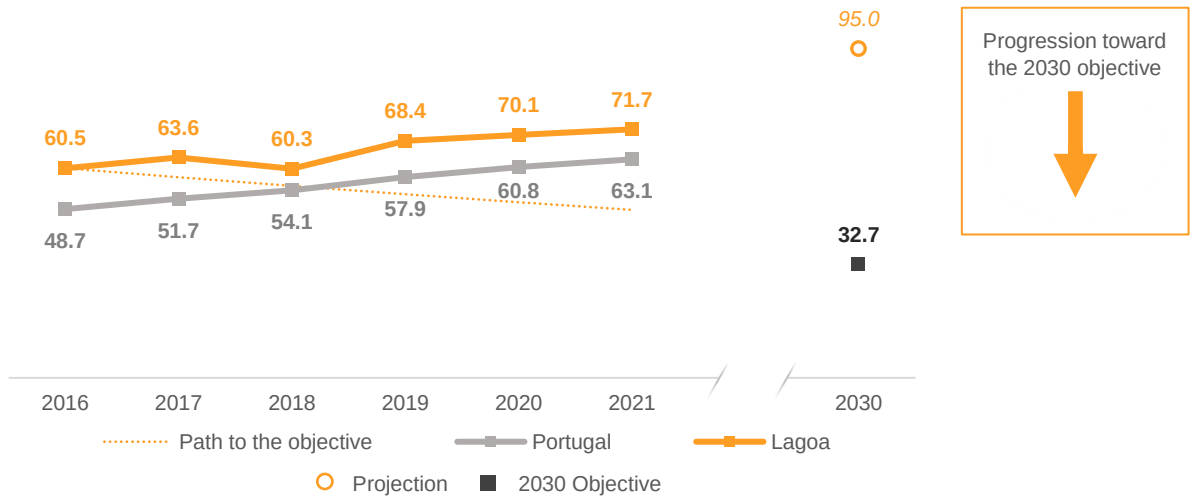
**Indicator 11.1.1. Proportion of resident population living in non-conventional dwellings (‰)**



Proportion of resident population living in non-conventional dwellings (‰)

Source: INE (2011 and 2021), calculated by CESOP

**Indicator 11.1.2. Weight of median rent of new rental contracts in median disposable income of tax household**

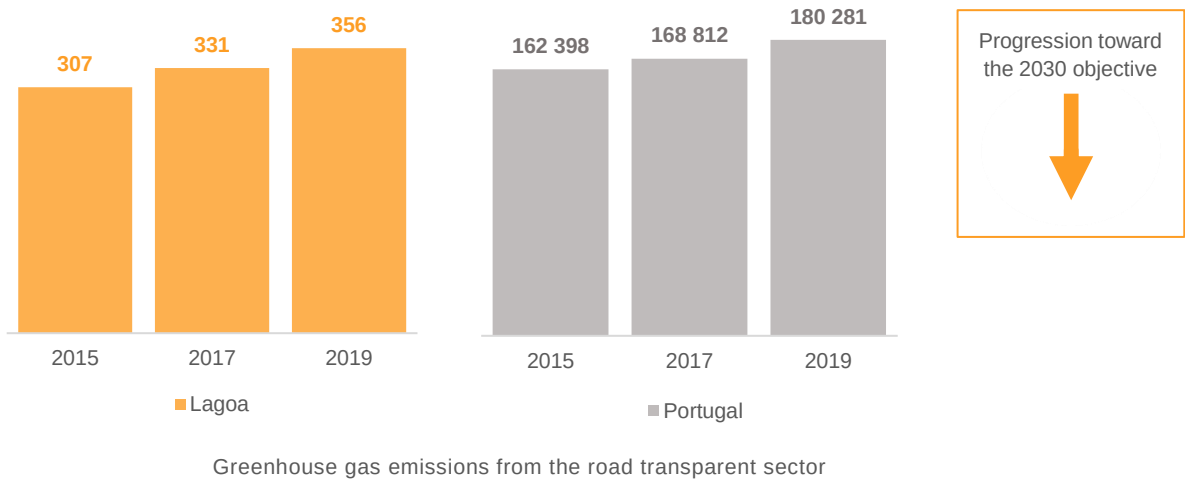


Weight of median rent of new rental contracts in median disposable income of tax household

Source: INE (2016-2021), calculated by CESOP

**Target 11.2** | By 2030, provide access to safe, accessible, sustainable and affordable transport systems for all, improving road safety through the expansion of the public transport network, with special attention to the needs of people in vulnerable situations, women, children, people with disabilities and the elderly

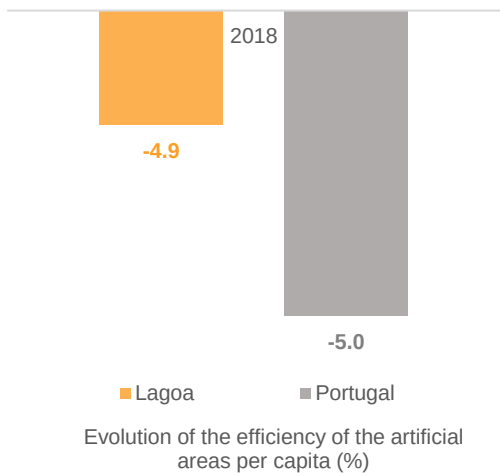
**Indicator 11.2.1. Greenhouse gas emissions from the road transport sector**



Source: APA (2015-2019), calculated by CESOP

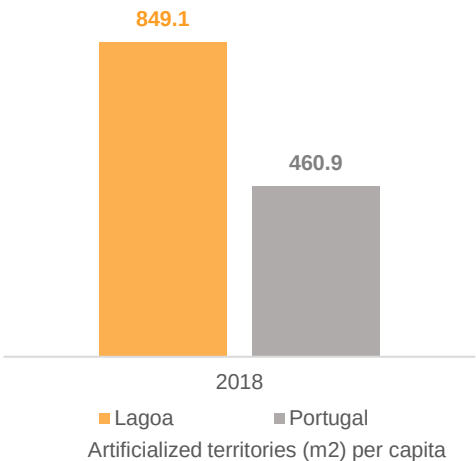
**Target 11.3** | By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries

**Indicator 11.3.1(a). Evolution of the efficiency of the artificial areas per capita (%)**



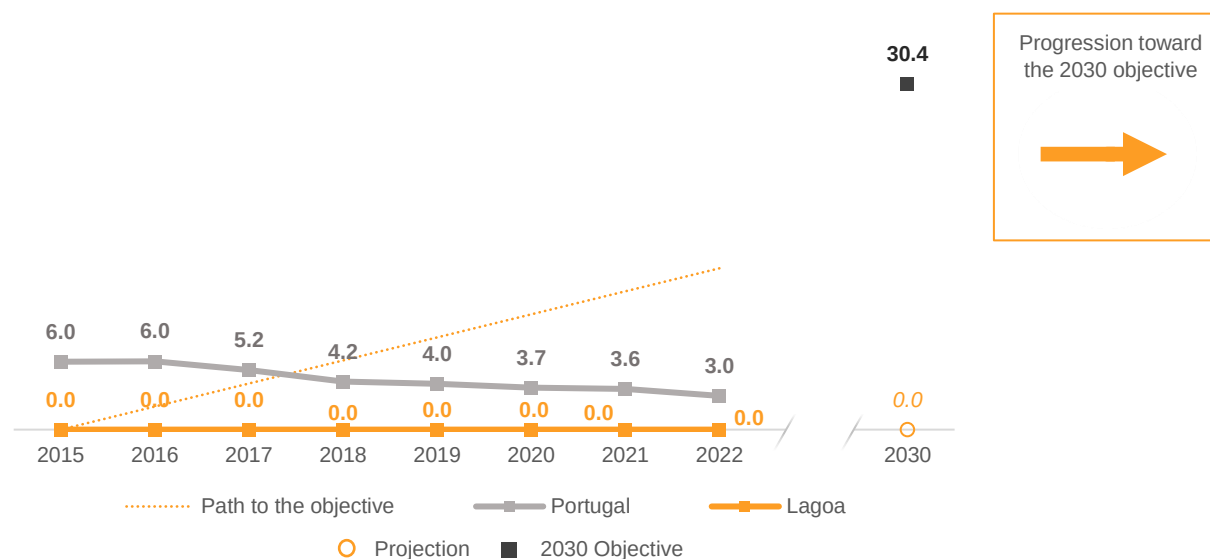
Source: INE (2015/2018), calculated by CESOP

**Indicator 11.3.1(b). Artificialized territories (m2) per capita**



Source: INE (2018), calculated by CESOP

### Indicator 11.3.2. Completed reconstructions per 100 completed new constructions (No.)

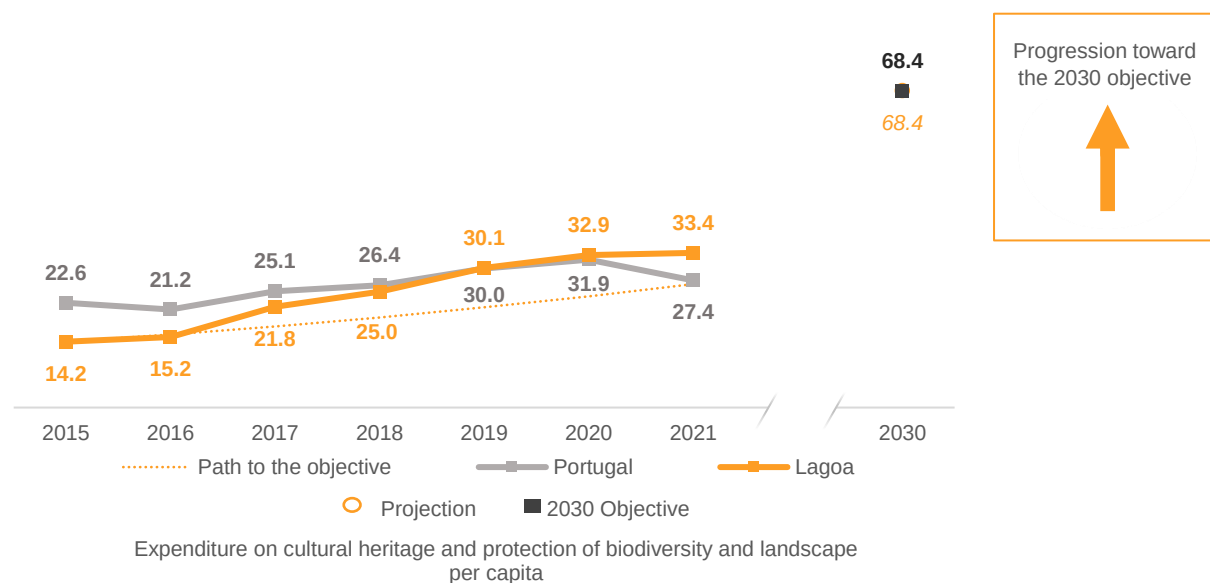


Completed reconstructions per 100 completed new constructions (No.)

Source: INE (2015-2022)

### Target 11.4 | Strengthen efforts to protect and safeguard the world's cultural and natural heritage

#### Indicator 11.4.1. Expenditure on cultural heritage and protection of biodiversity and landscape per capita

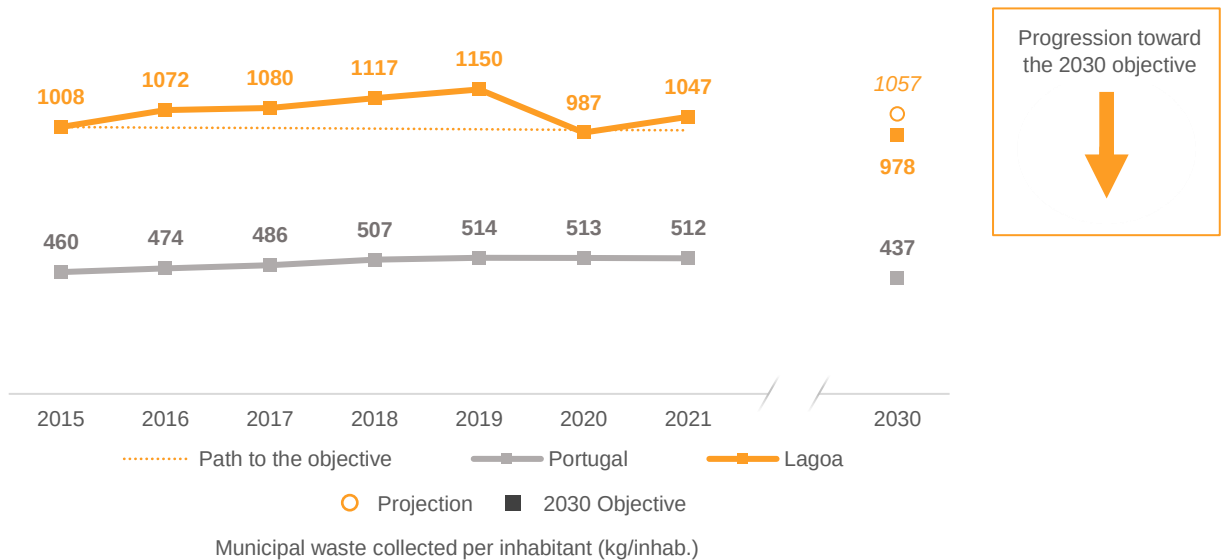


Expenditure on cultural heritage and protection of biodiversity and landscape per capita

Source: INE (2015-2021), calculated by CESOP

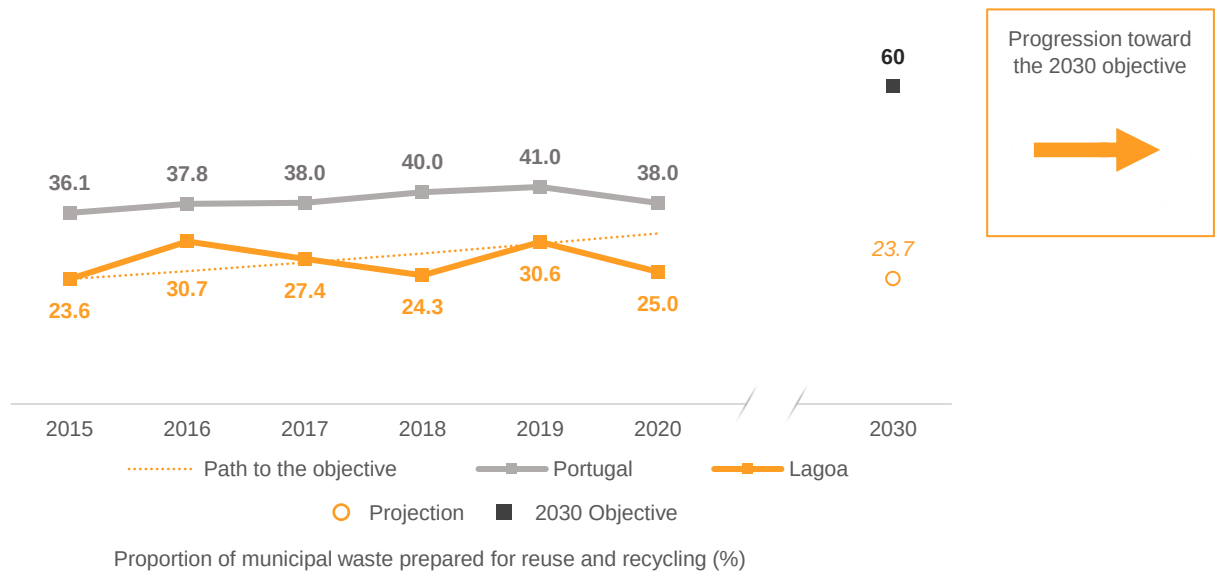
**Target 11.6** | By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management

**Indicator 11.6.1. Municipal waste collected per inhabitant (kg/inhab.)**



Source: INE (2015-2021)

**Indicator 11.6.2. Proportion of municipal waste prepared for reuse and recycling (%)**



Source: INE (2015-2020)

# SDG 12

## RESPONSIBLE CONSUMPTION AND PRODUCTION

### ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

Sustainable consumption and production is about promoting resource and energy efficiency, sustainable infrastructure, and providing access to basic services, green and decent jobs and a better quality of life for all. Its implementation helps to achieve overall development plans, reduce future economic, environmental and social costs, strengthen economic competitiveness and reduce poverty.

Sustainable consumption and production aims at “doing more and better with less,” increasing net welfare gains from economic activities by reducing resource use, degradation and pollution along the whole lifecycle, while increasing quality of life. It involves different stakeholders, including business, consumers, policy makers, researchers, scientists, retailers, media, and development cooperation agencies, among others.

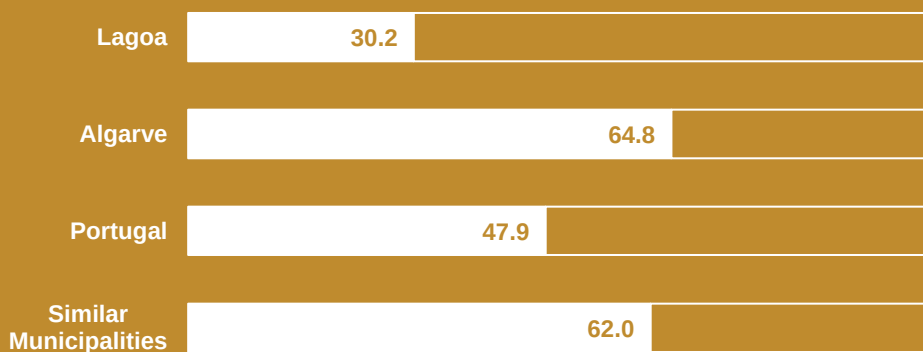
It also requires a systemic approach and cooperation among actors operating in the supply chain, from producer to final consumer. It involves engaging consumers through awareness-raising and education on sustainable consumption and lifestyles, providing consumers with adequate information through standards and labels and engaging in sustainable public procurement, among others.

Source: UN, <https://www.un.org/sustainabledevelopment/sustainable-consumption-production/>



Photo by Clarissa Bell

## GLOBAL PERFORMANCE OF THE SDG 12

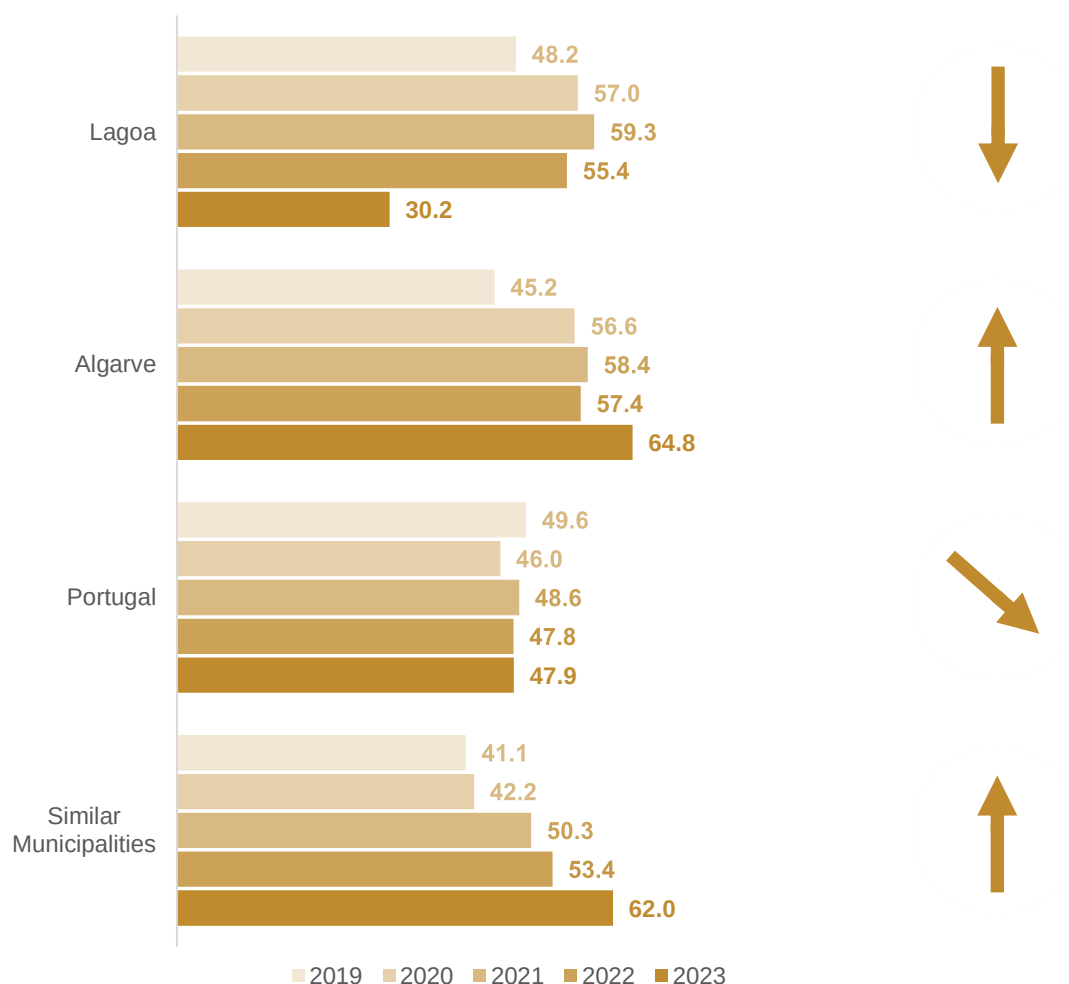


## PROGRESS ON THE SDG 12 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND



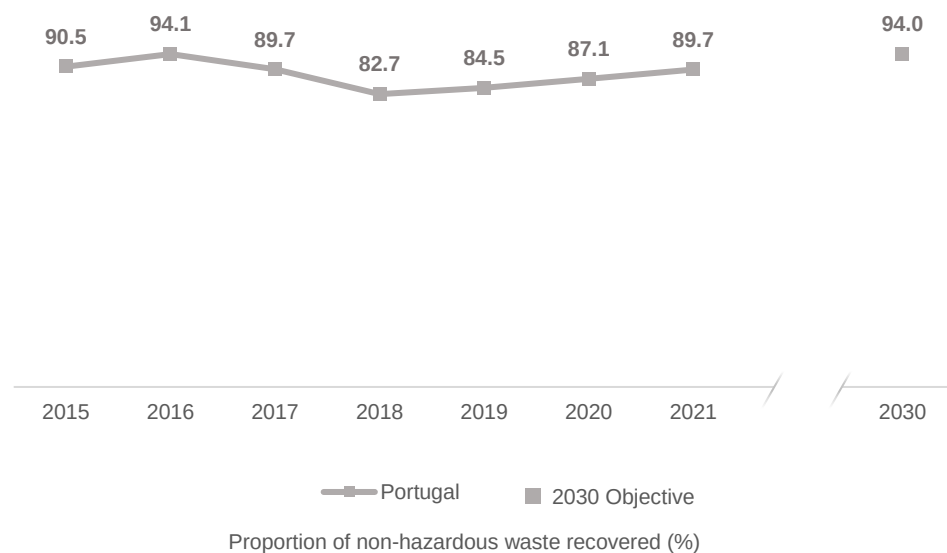
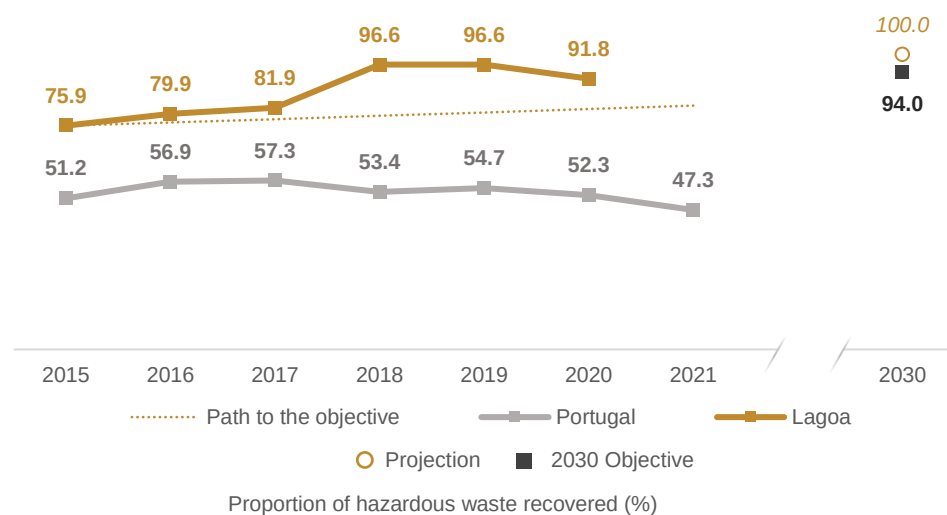
Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal

| Arrow | Description                                                                                                                      |
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| ↘     | The municipality is distancing itself from the 2030 objectives                                                                   |
| ↓     | The municipality is far from the 2030 objective path                                                                             |



**Target 12.4** | By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment

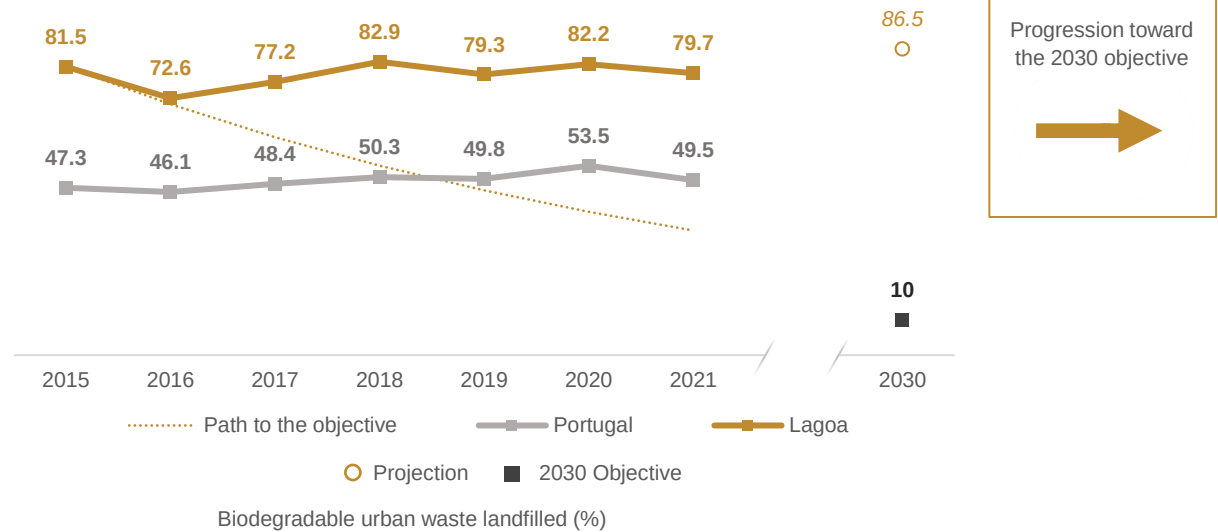
**Indicator 12.4.2. Proportion of sectorial waste recovered by type of waste (%)**



Source: EEA (2015-2021), calculated by CESOP

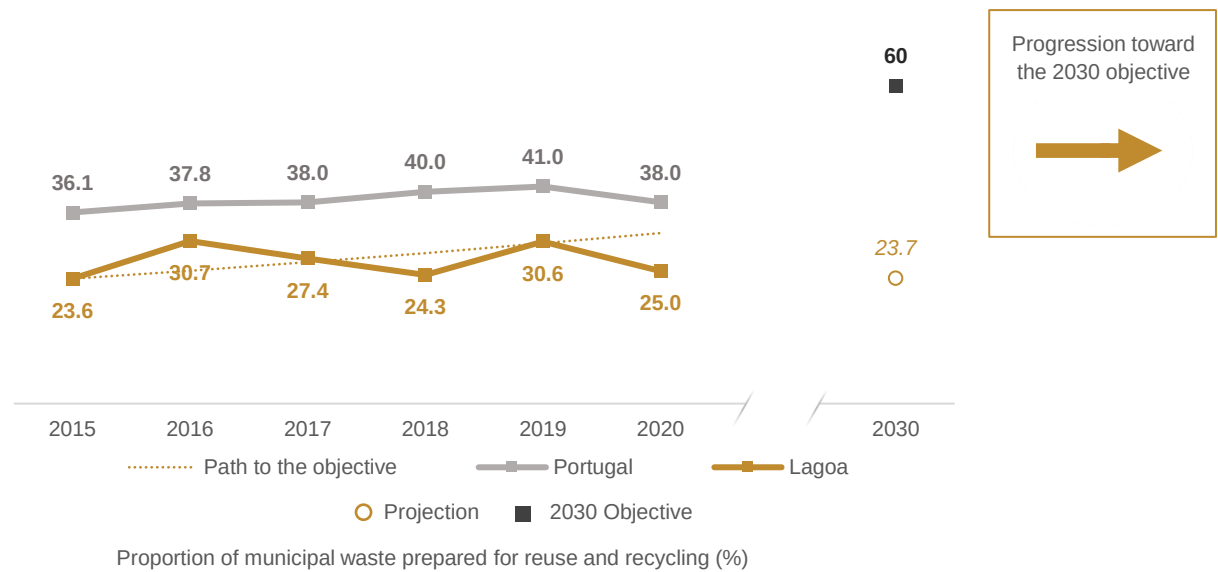
**Target 12.5** | By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

**Indicator 12.5.1(a). Biodegradable urban waste landfilled (%)**

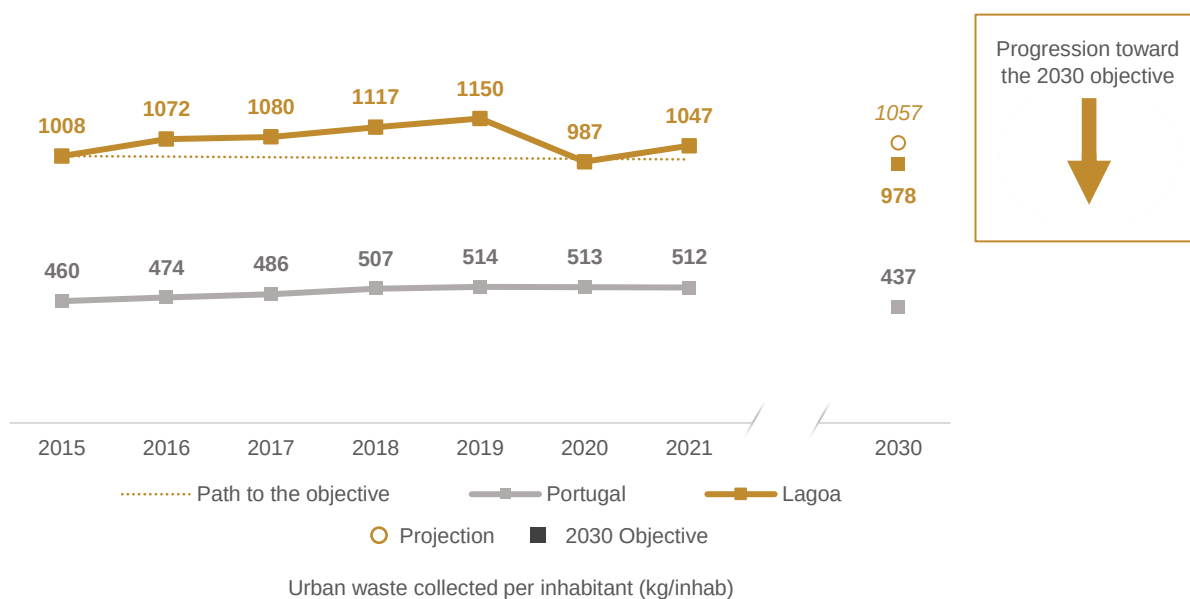


Source: INE (2015-2021)

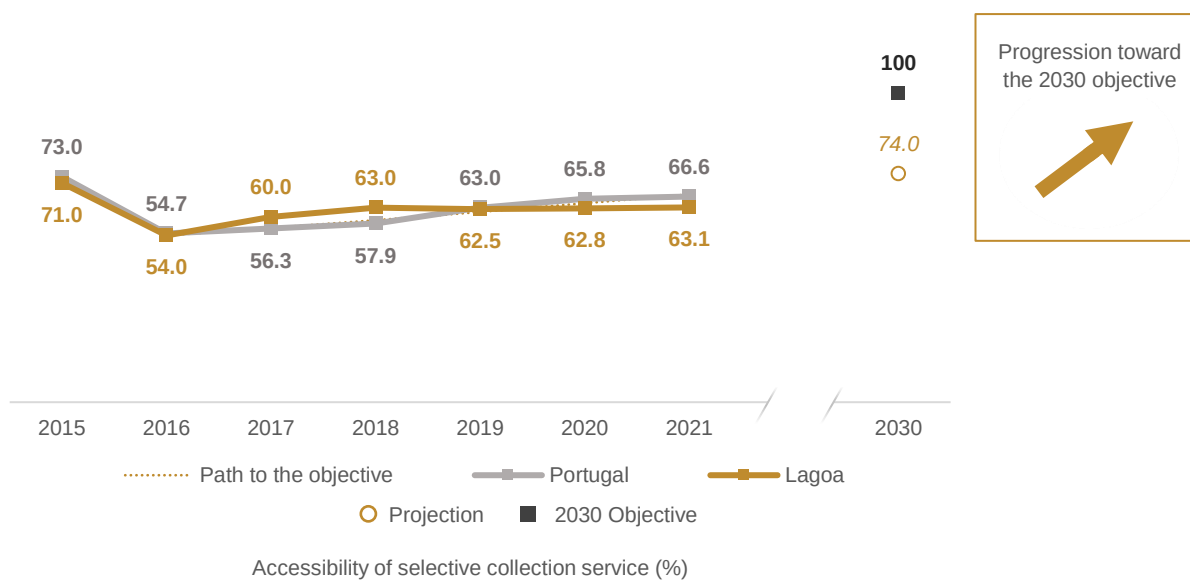
**Indicator 12.5.1(b). Proportion of municipal waste prepared for reuse and recycling (%)**



Source: INE (2015-2020)

**Indicator 12.5.2. Urban waste collected per inhabitant (kg/inhab)**

Source: INE (2015-2021)

**Indicator 12.5.3. Accessibility of selective collection service (%)<sup>11</sup>**

Source: ERSAR (2015-2021)

<sup>11</sup> Due to the change in the methodology for calculating the indicator between 2015 and 2016, the "Pathway to the objective" and the progression arrow have been calculated based on 2016 data.



# SDG 13

## CLIMATE ACTION

### TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

Climate change is now affecting every country on every continent. It is disrupting national economies and affecting lives, costing people, communities and countries dearly today and even more tomorrow.

People are experiencing the significant impacts of climate change, which include changing weather patterns, rising sea level, and more extreme weather events. The greenhouse gas emissions from human activities are driving climate change and continue to rise. They are now at their highest levels in history. Without action, the world's average surface temperature is projected to rise over the 21st century and is likely to surpass 3 degrees Celsius this century—with some areas of the world expected to warm even more. The poorest and most vulnerable people are being affected the most.

Affordable, scalable solutions are now available to enable countries to leapfrog to cleaner, more resilient economies. The pace of change is quickening as more people are turning to renewable energy and a range of other measures that will reduce emissions and increase adaptation efforts.

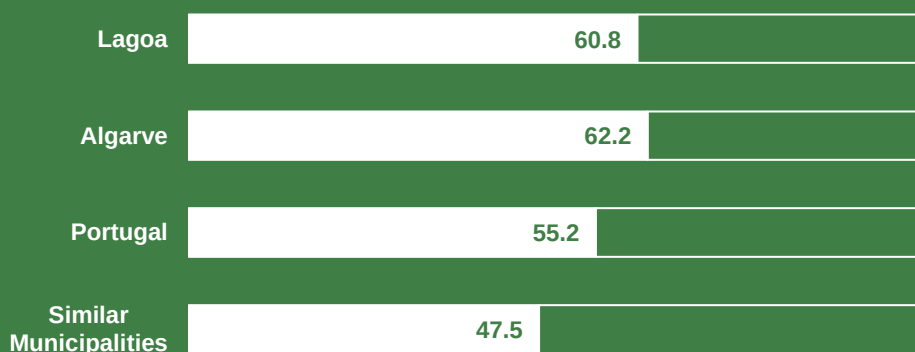
But climate change is a global challenge that does not respect national borders. Emissions anywhere affect people everywhere. It is an issue that requires solutions that need to be coordinated at the international level and it requires international cooperation to help developing countries move toward a low-carbon economy.

Source: UN, <https://www.un.org/sustainabledevelopment/climate-change-2/>



Photo by skeeze

## GLOBAL PERFORMANCE OF THE SDG 13

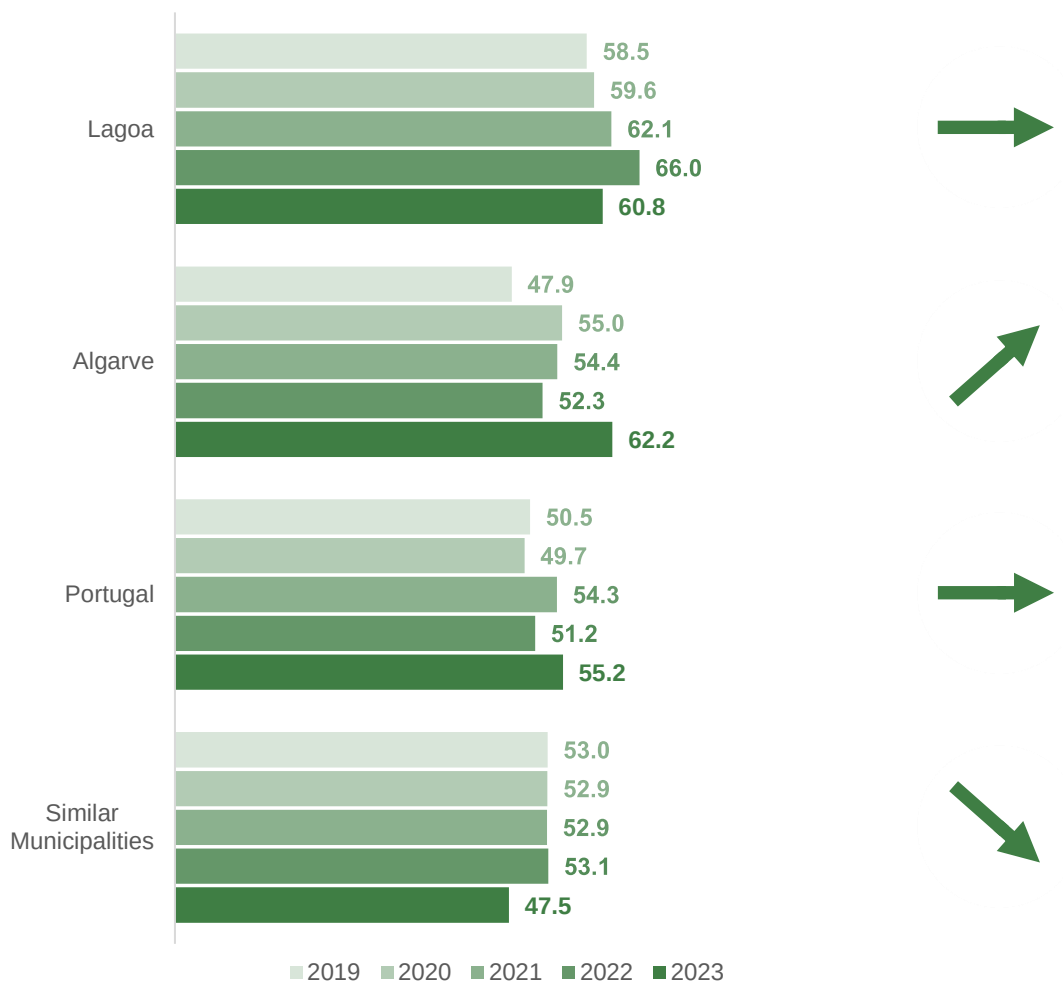


## PROGRESS ON THE SDG 13 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND

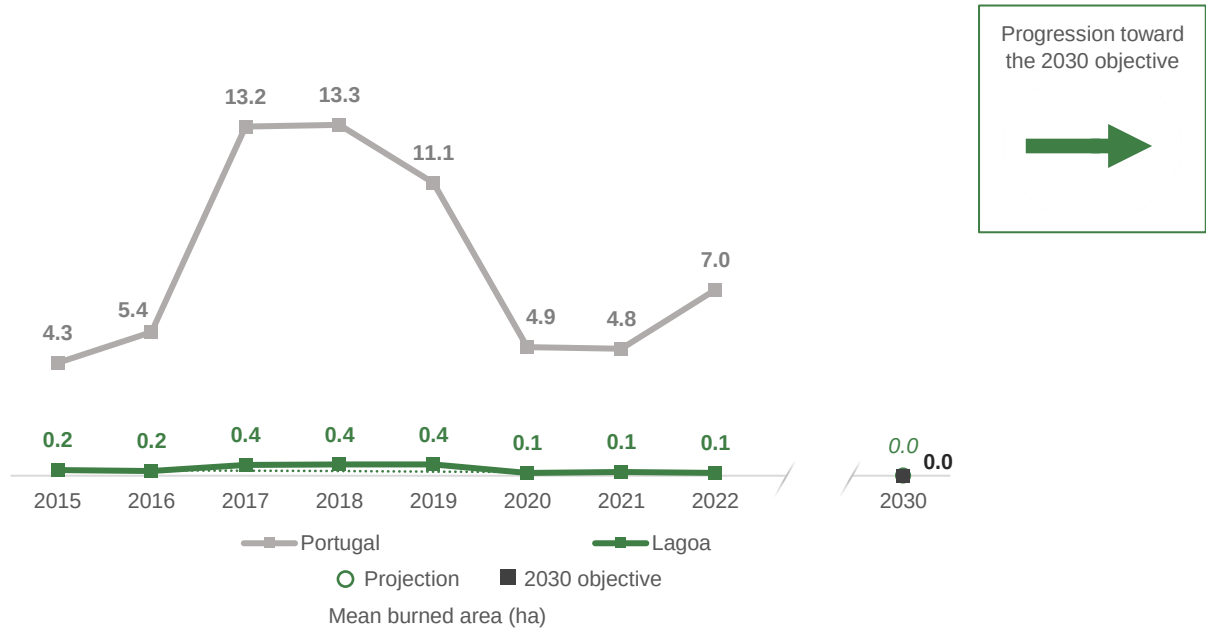


### Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal

| Arrow | Description                                                                                                                      |
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| ↘     | The municipality is distancing itself from the 2030 objectives                                                                   |
| ↓     | The municipality is far from the 2030 objective path                                                                             |

**Target 13.1** | Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries

**Indicator 13.1.1. Mean burned area (ha)**



Source: APA (2015-2022)

**Indicator 13.1.3. Municipal participation in networks of municipalities for Climate Change Adaptation**

**YES** ✓

**90%** of Portuguese municipalities are part of a partnership for climate change adaptation

Source: adapt.local, Inter-municipal climate change adaptation plans

**Target 13.2** | Integrate climate change measures into national policies, strategies and planning

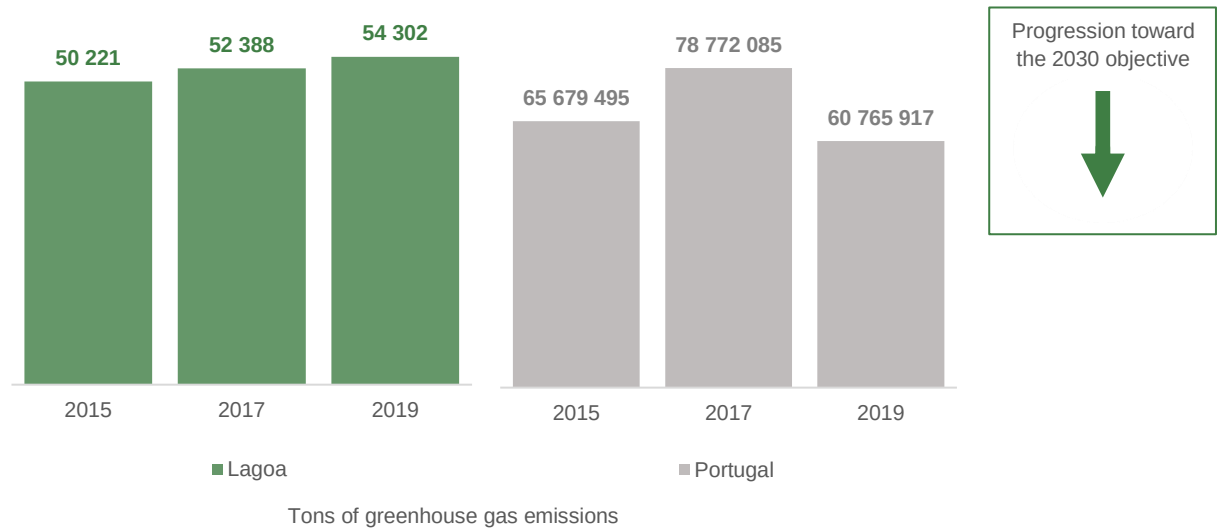
**Indicator 13.2.1. Signatory to the Covenant of Mayors for Climate and Energy**

**YES** ✓

**57%** of Portuguese municipalities have signed the Covenant of Mayors for Climate and Energy

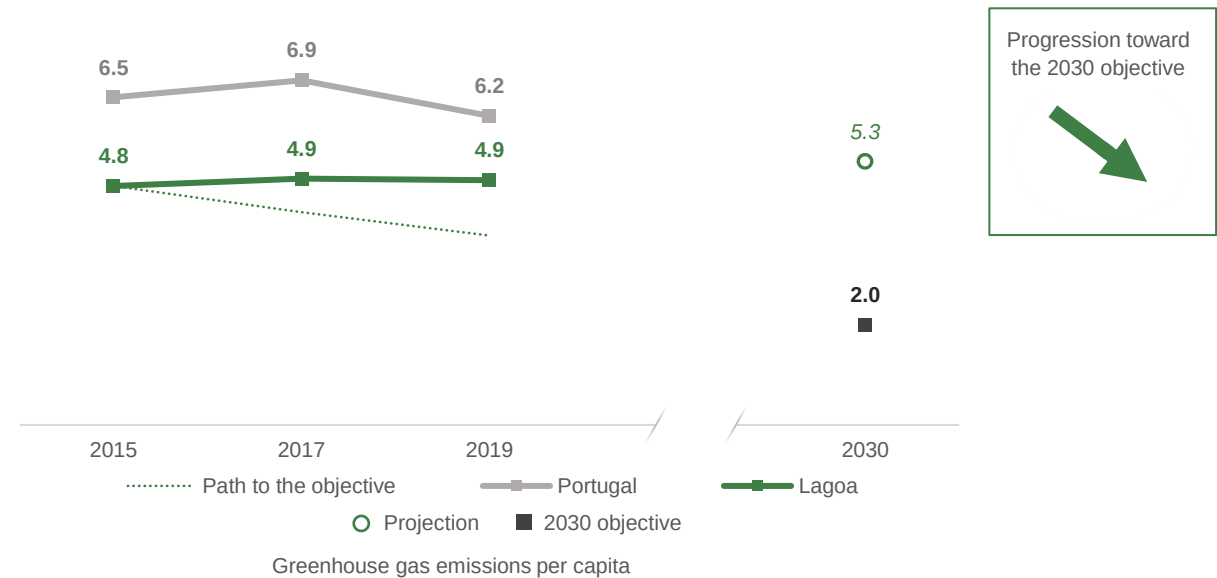
Source: <https://www.pactodeautarcas.eu/> (2022)

Indicador 13.2.2(a). Tons of greenhouse gas emissions



Source: APA (2015-2019), calculated by CESOP

Indicador 13.2.2(b). Greenhouse gas emissions per capita



Source: APA (2015-2019), calculated by CESOP



**Target 13.3** | Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning

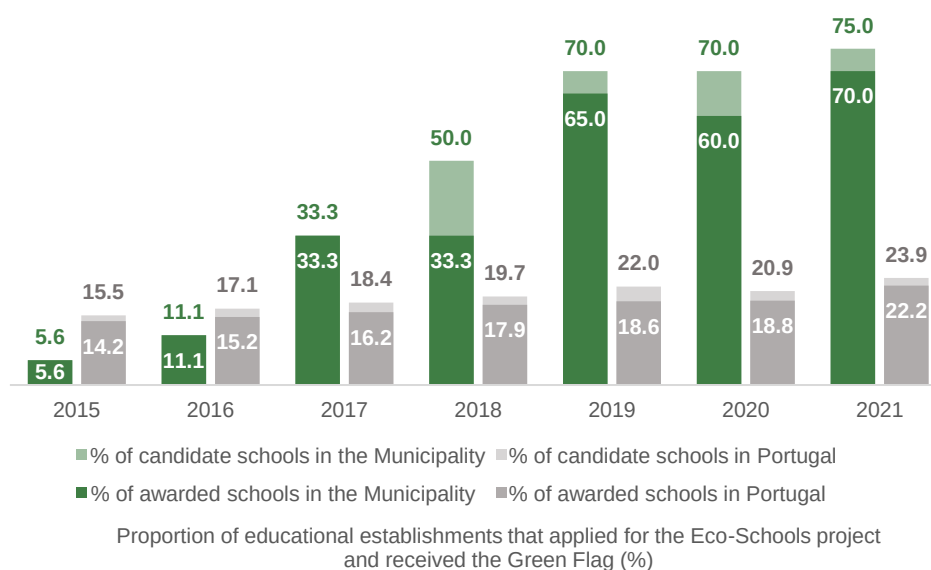
**Indicator 13.3.1(a). Participation in the ECOXXI and Eco-escolas projects**

**YES** ✓

**56%** of Portuguese municipalities participate in the ECOXXI and/or the Eco-escolas projects

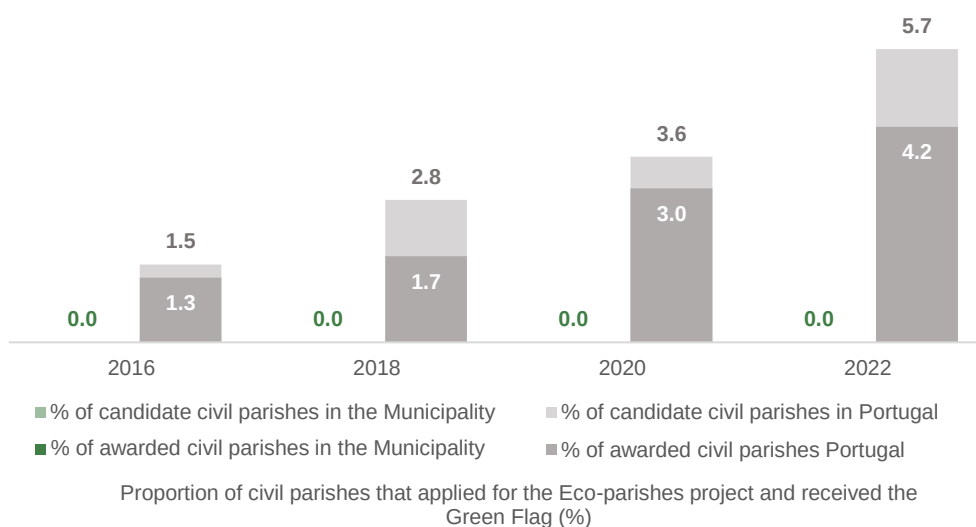
Source: ABAE (2021)

**Indicator 13.3.1(b). Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%)**



Source: ABAE (2015-2021), calculated by CESOP

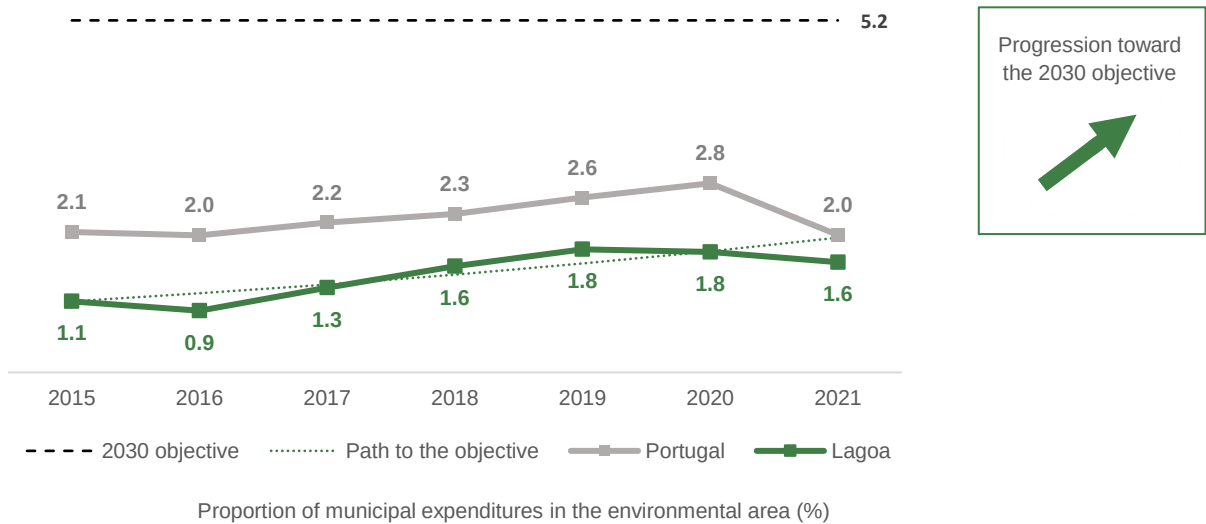
**Indicator 13.3.1(c). Proportion of civil parishes that applied for the Eco-parishes project and received the Green Flag (%)**



Source: ABAE (2016-2022), calculated by CESOP

**Target 13.a** | Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible

**Indicator 13.a.1. Proportion of municipal expenditures in the environmental area (%)**



Source: INE (2015-2021), calculated by CESOP

# SDG 14

## LIFE BELOW WATER

### CONSERVE AND SUSTAINABLY USE THE OCEANS, SEAS AND MARINE RESOURCES FOR SUSTAINABLE DEVELOPMENT

The world's oceans – their temperature, chemistry, currents and life – drive global systems that make the Earth habitable for humankind.

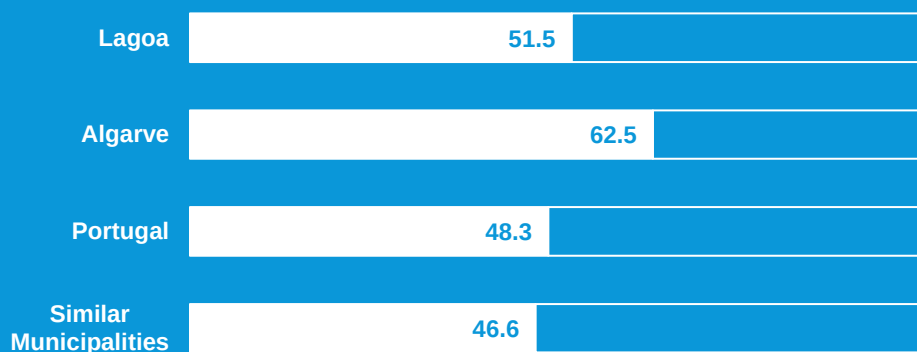
Our rainwater, drinking water, weather, climate, coastlines, much of our food, and even the oxygen in the air we breathe, are all ultimately provided and regulated by the sea. Throughout history, oceans and seas have been vital conduits for trade and transportation.

Careful management of this essential global resource is a key feature of a sustainable future.



Source: UN, <https://www.un.org/sustainabledevelopment/oceans/>

## GLOBAL PERFORMANCE OF THE SDG 14

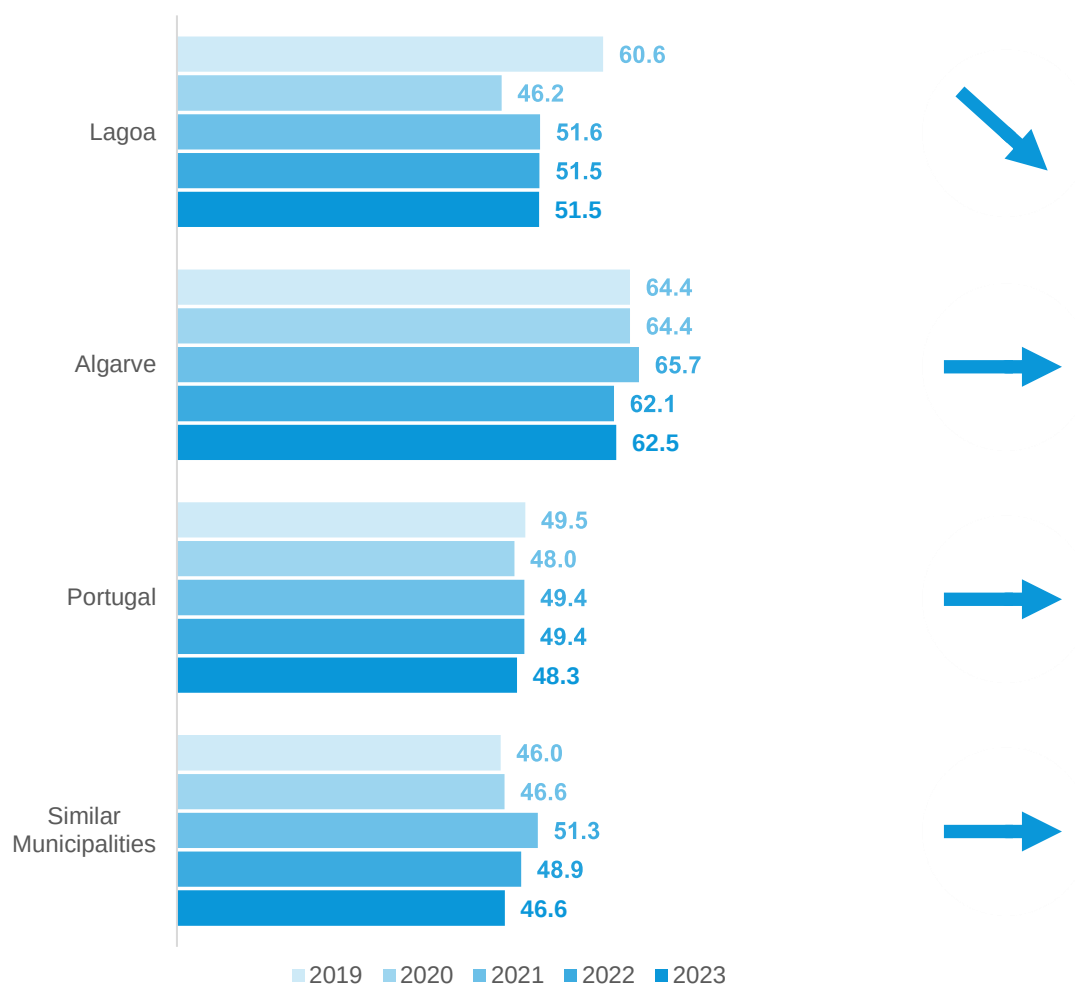


## PROGRESS ON THE SDG 14 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND

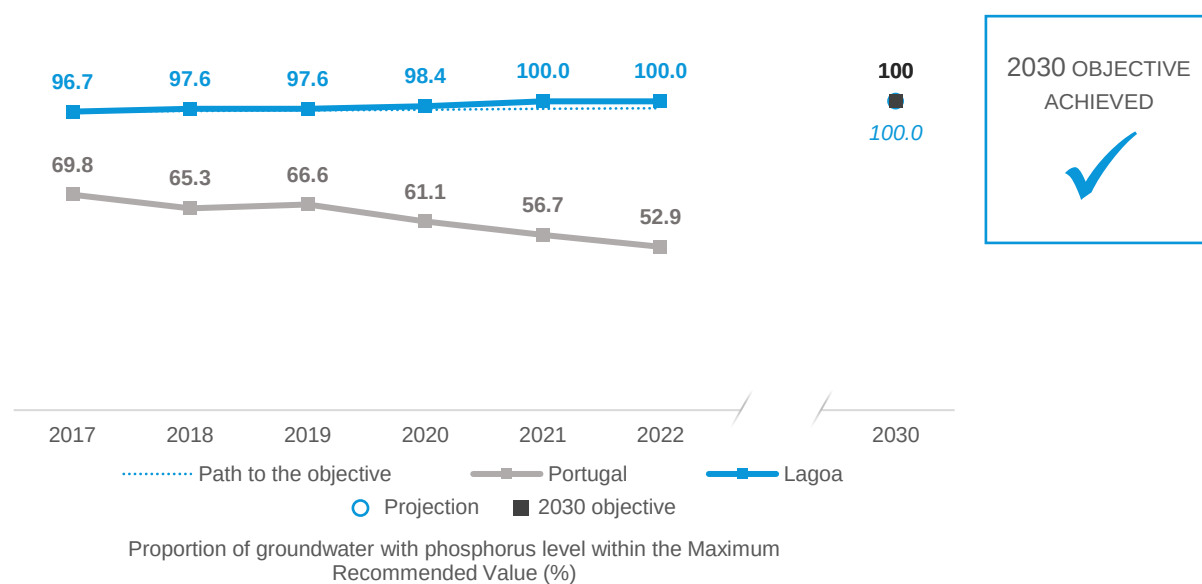
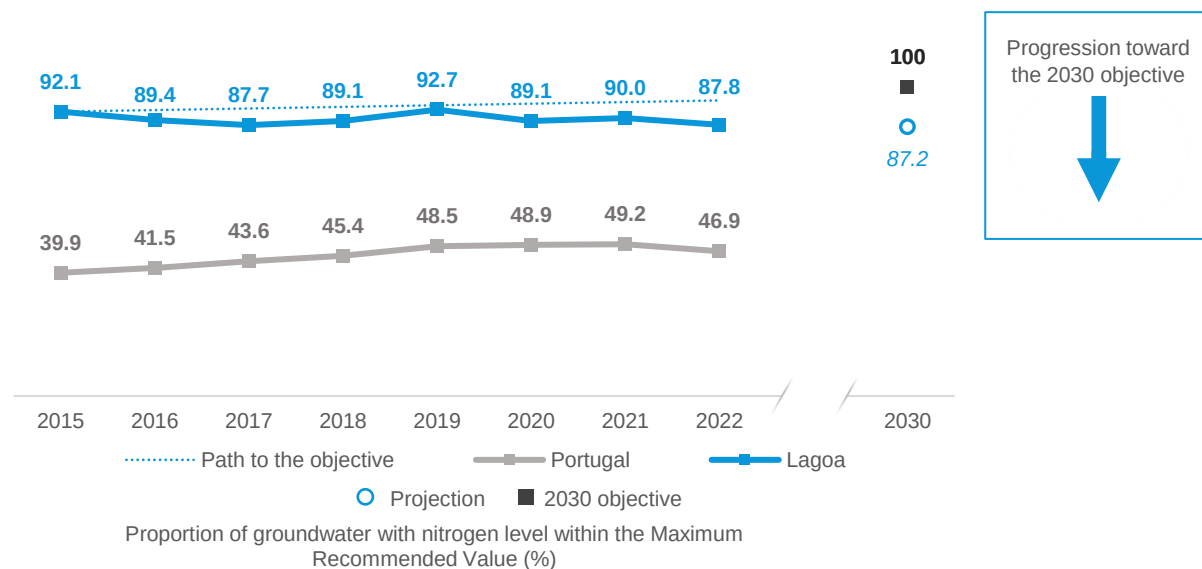


**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

| Arrow                                                                               | Description                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
|  | The municipality is on track to meet the 2030 objectives, but will not be able to achieve them if it continues its current trend |
|  | The municipality is not making significant progress towards the 2030 objectives                                                  |
|  | The municipality is distancing itself from the 2030 objectives                                                                   |
|  | The municipality is far from the 2030 objective path                                                                             |

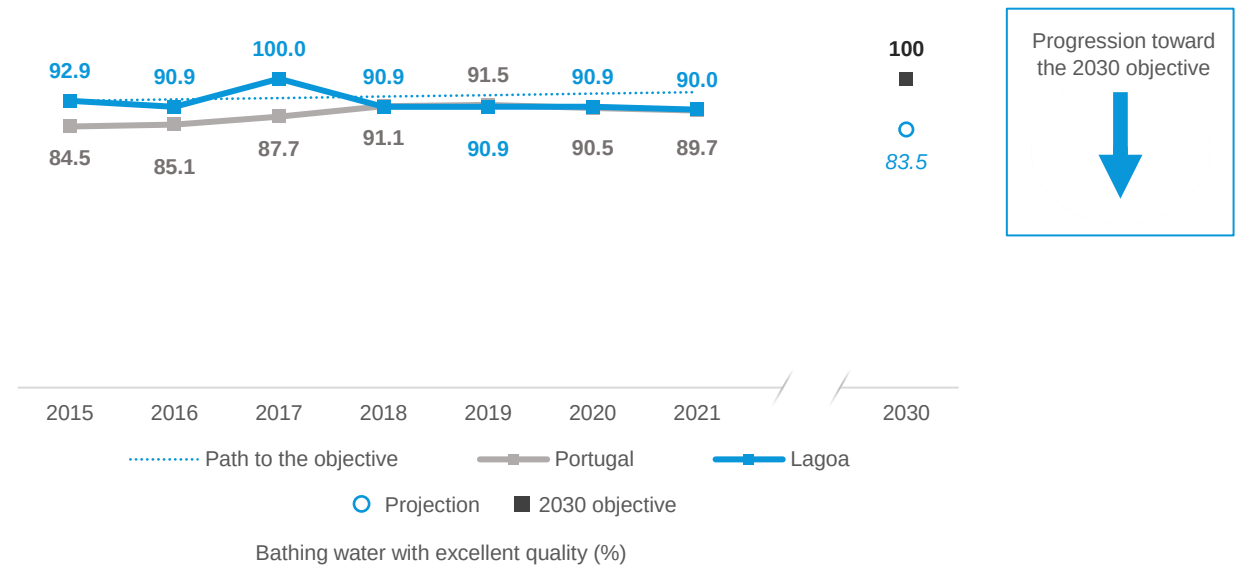
**Target 14.1** | By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution

**Indicator 14.1.1. Proportion of groundwater with nutrients within the Maximum Recommended Value by nutrient type (%)**



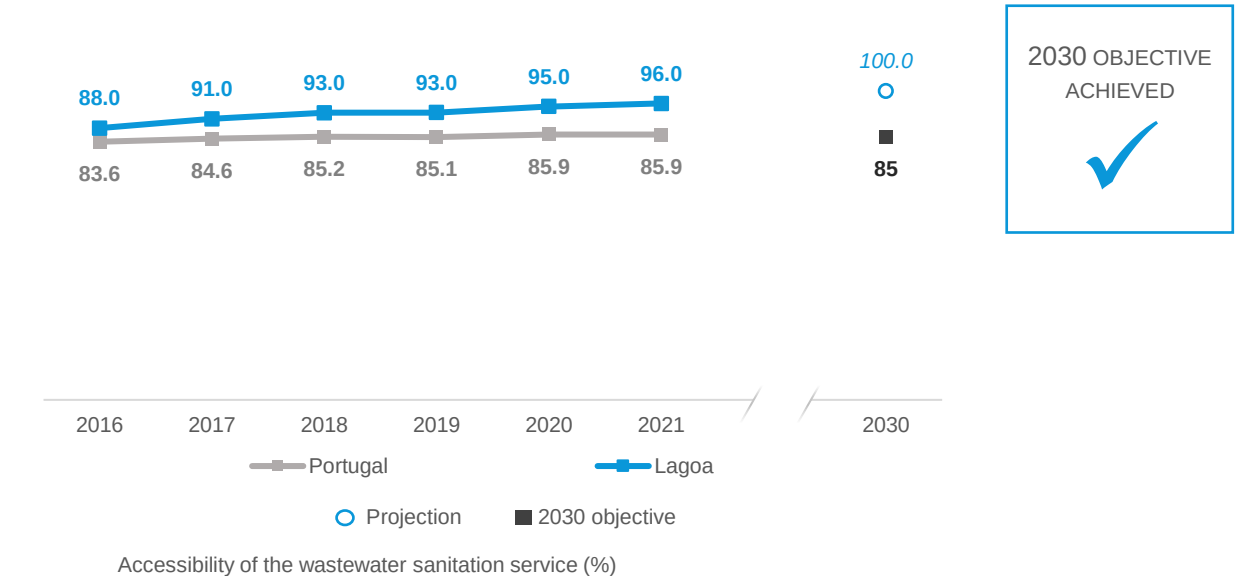
Source: SNIRH (2011/2015-2018/2022), calculated by CESOP

Indicator 14.1.2. Bathing water with excellent quality (%)

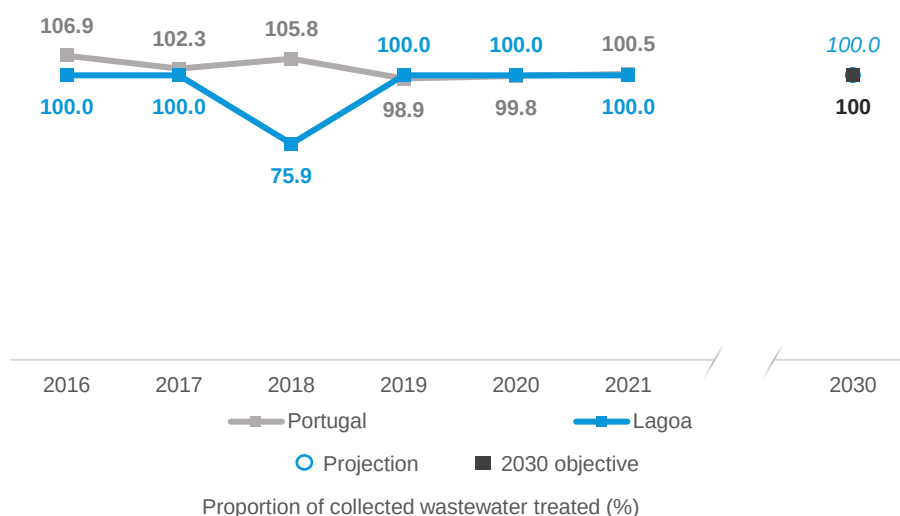


Source: INE (2015-2021), calculated by CESOP

Indicator 14.1.3(a). Accessibility of the wastewater sanitation service (%)

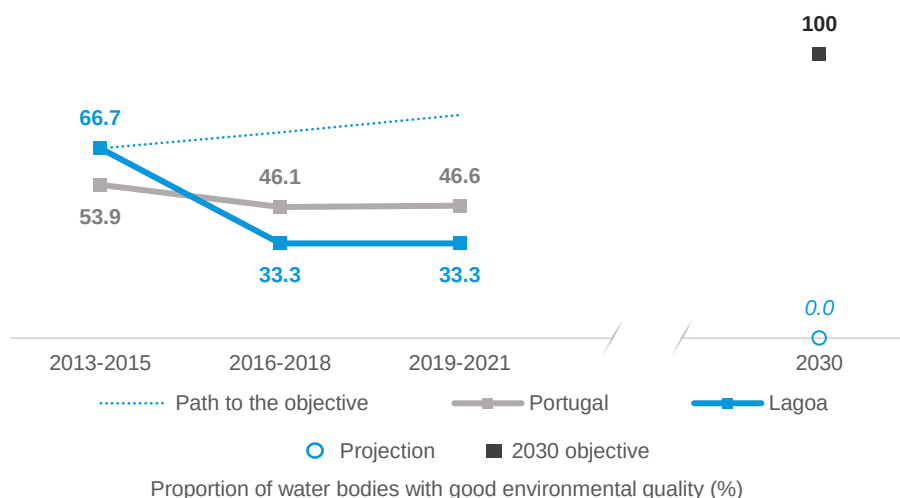


Source: INE (2015-2021)

**Indicator 14.1.3(b). Proportion of collected wastewater treated (%)**

Source: INE/ERSAR (2016-2021), calculated by CESOP

**Target 14.2]** By 2020, sustainably manage and protect marine and coastal ecosystems to avoid adverse impacts, including by strengthening their resilience, and take measures for their restoration in order to ensure ocean health and productivity

**Indicator 14.2.1. Proportion of water bodies with good environmental quality (%)**

Source: INE (2013/2015-2019/2021), calculated by CESOP

**Target 14.5 |** By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information

**Indicator 14.5.1. Proportion of the extended continental shelf covered by Marine Protected Areas (%)**

Source: Auditoria Às Áreas Protegidas (2022)

**8.9%** of the extended continental shelf (ECS) of Portugal is covered by Marine Protected Areas





## SDG 15

## LIFE ON LAND

PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS

Forests cover 30 per cent of the Earth's surface and in addition to providing food security and shelter, forests are key to combating climate change, protecting biodiversity and the homes of the indigenous population. Thirteen million hectares of forests are being lost every year while the persistent degradation of drylands has led to the desertification of 3.6 billion hectares.

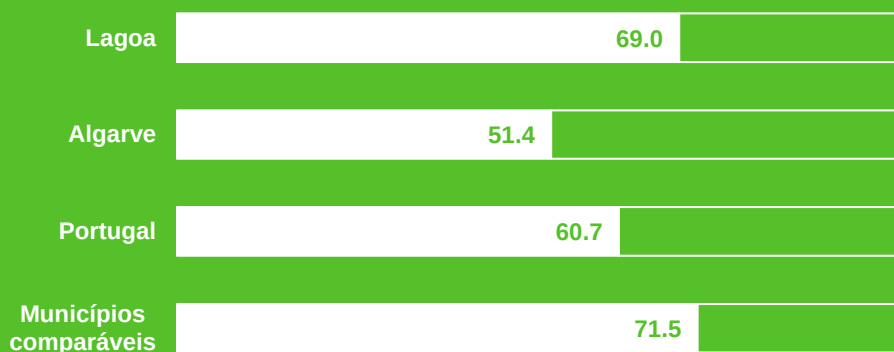
Deforestation and desertification – caused by human activities and climate change – pose major challenges to sustainable development and have affected the lives and livelihoods of millions of people in the fight against poverty. Efforts are being made to manage forests and combat desertification.



Photo by Wikimedia Commons

Source: UN, <https://www.un.org/sustainabledevelopment/biodiversity/>

## GLOBAL PERFORMANCE OF THE SDG 15

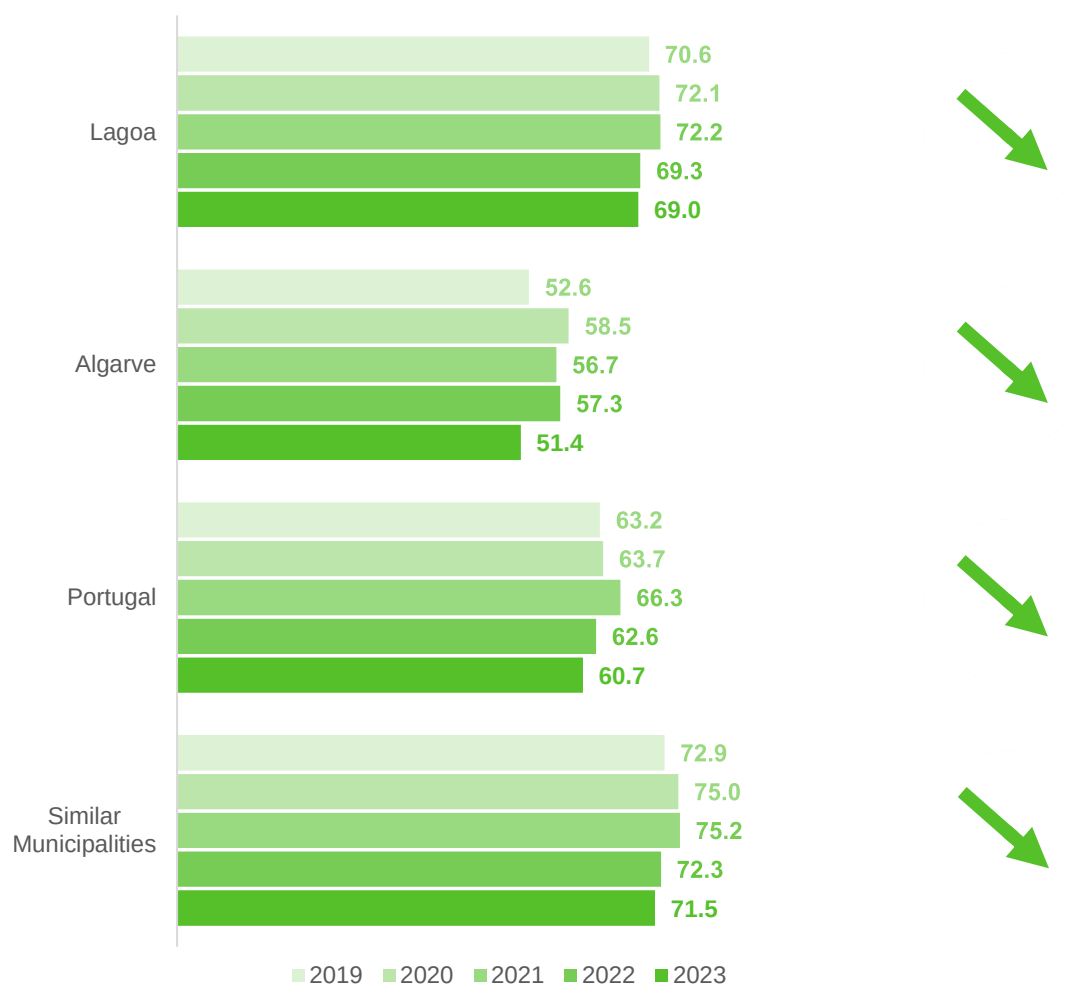


## PROGRESS ON THE SDG 15 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND

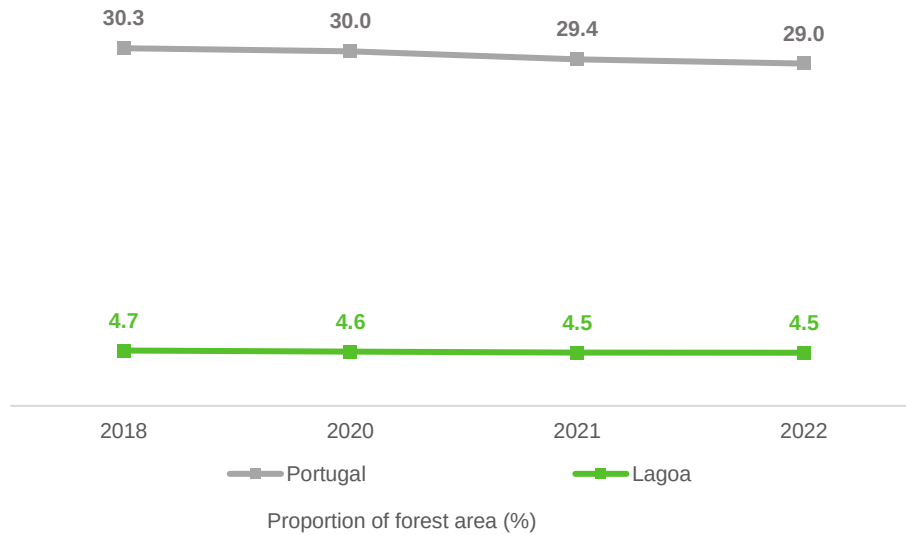


**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

| Arrow                                                                               | Description                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
|  | The municipality is on track to meet the 2030 objectives, but will not be able to achieve them if it continues its current trend |
|  | The municipality is not making significant progress towards the 2030 objectives                                                  |
|  | The municipality is distancing itself from the 2030 objectives                                                                   |
|  | The municipality is far from the 2030 objective path                                                                             |

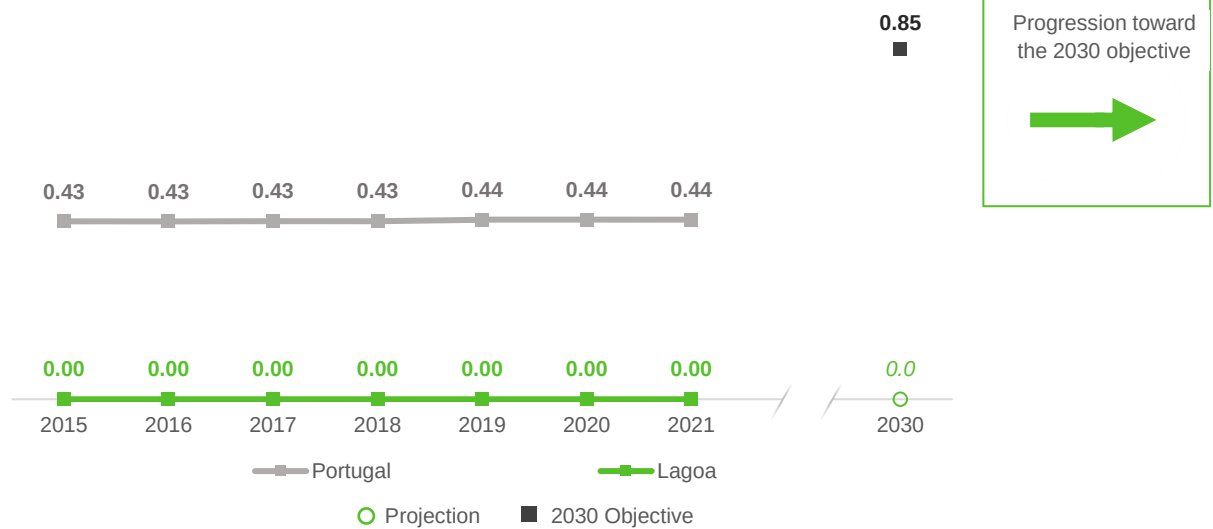
**Target 15.1** | By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements

**Indicator 15.1.1. Proportion of forest area (%)**



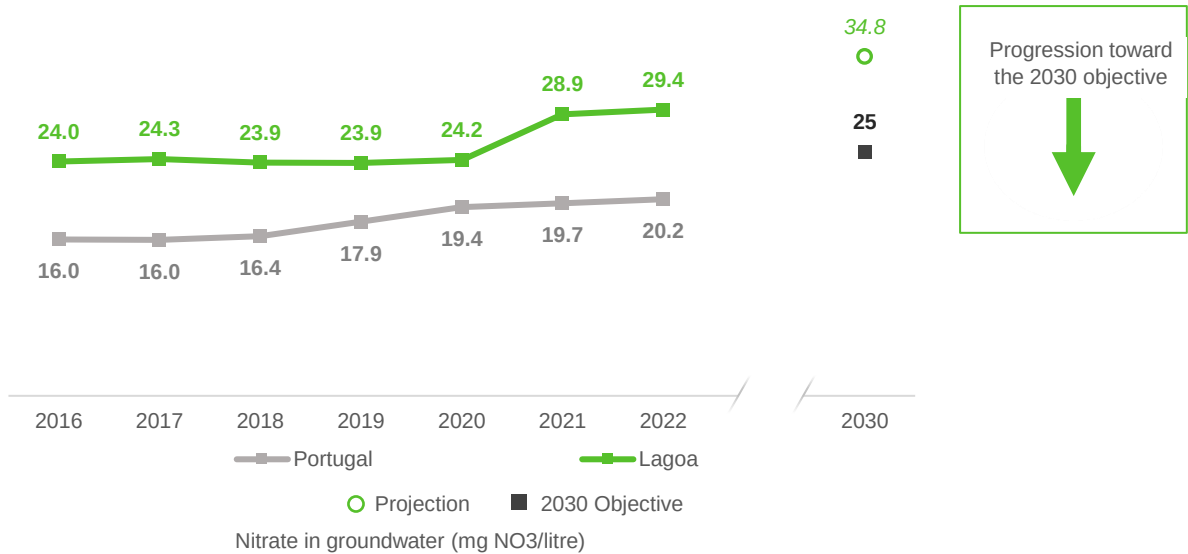
Source: DGT (2018-2022), calculated by CESOP

**Indicator 15.1.2. Ratio between areas belonging to the Natura 2000 Network and protected areas**



Source: INE (2015-2021), calculated by CESOP

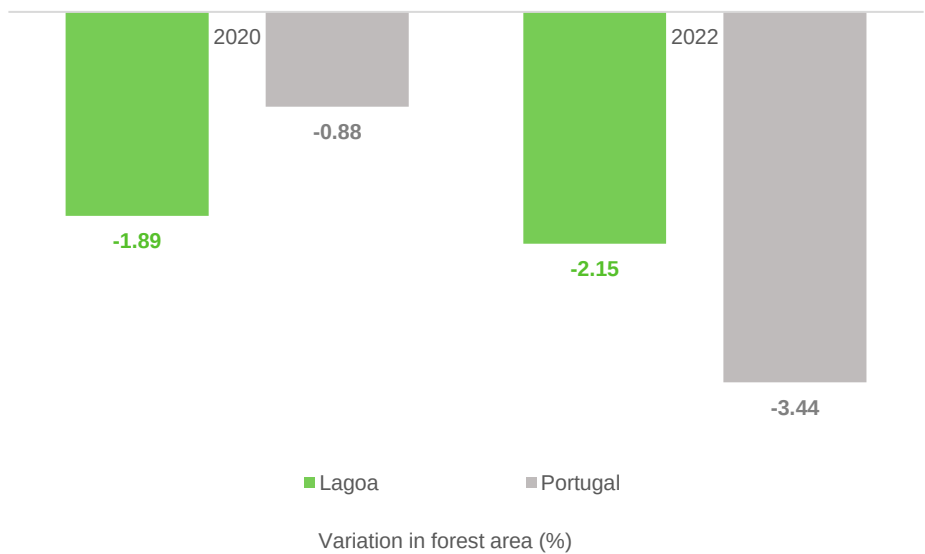
Indicator 15.1.3. Nitrate in groundwater (mg NO3/litre)



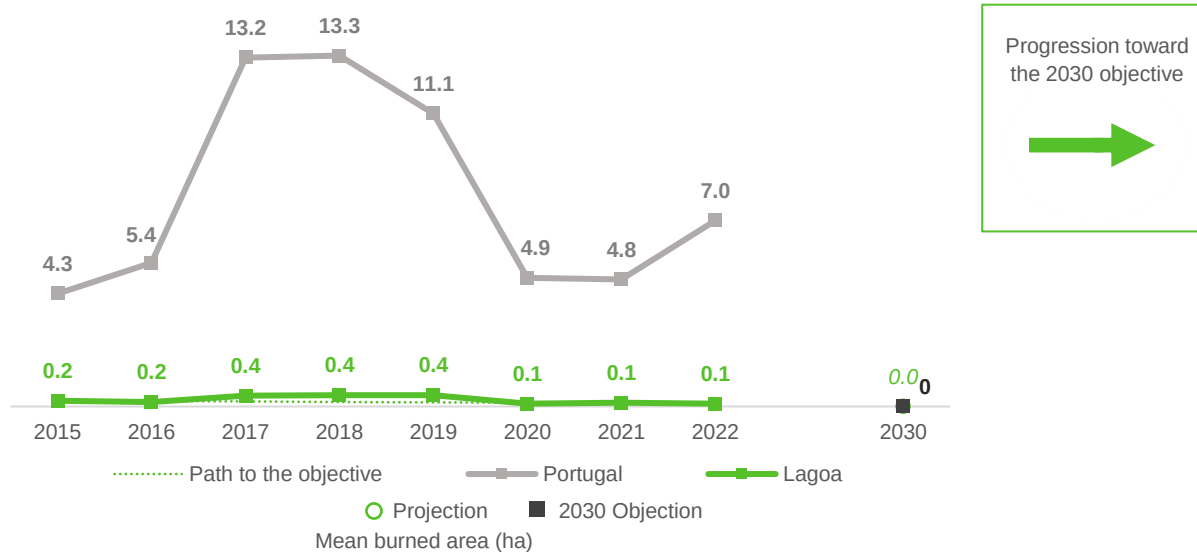
Source: SNIRH (2011/2015-2018/2022), calculated by CESOP

**Target 15.2 |** By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally

Indicator 15.2.1. Variation in forest area (%)

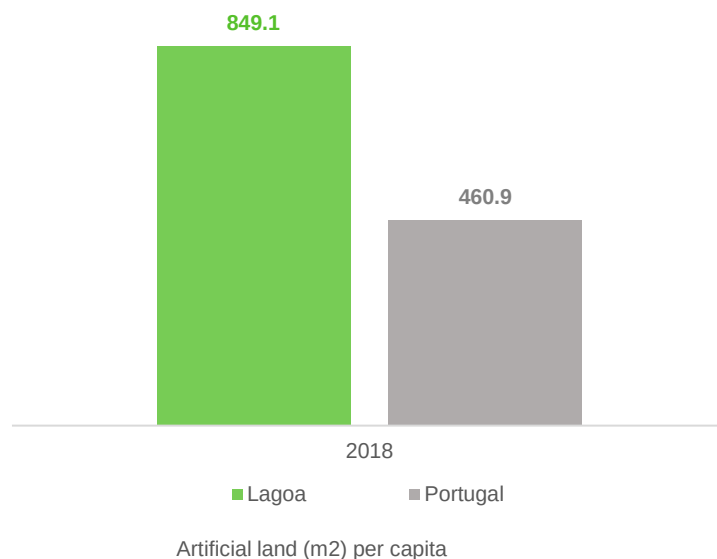


Source: INE (2018/2020-2020/2022), calculated by CESOP

**Indicator 15.2.2. Mean burned area (ha)**

Source: INE (2015-2022)

By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world

**Indicator 15.3.1. Artificial land (m2) per capita**

Source: INE (2018)



## SDG 16

# PEACE, JUSTICE AND STRONG INSTITUTIONS

PROMOTE PEACEFUL AND INCLUSIVE SOCIETIES FOR SUSTAINABLE DEVELOPMENT, PROVIDE ACCESS TO JUSTICE FOR ALL AND BUILD EFFECTIVE, ACCOUNTABLE AND INCLUSIVE INSTITUTIONS AT ALL LEVELS

The threats of international homicide, violence against children, human trafficking and sexual violence are important to address to promote peaceful and inclusive societies for sustainable development. They pave the way for the provision of access to justice for all and for building effective, accountable institutions at all levels.

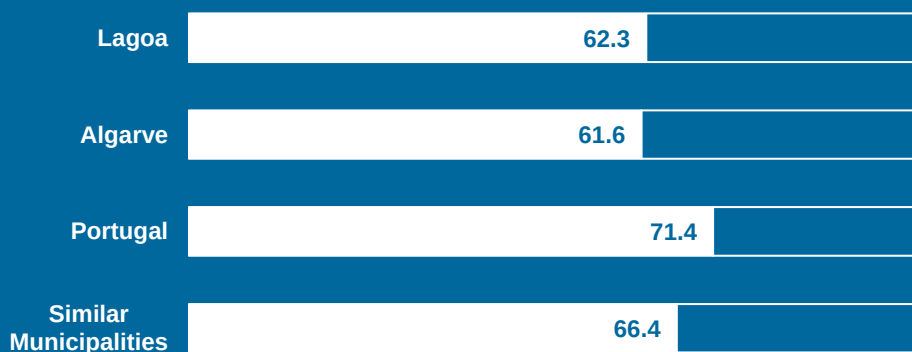
To tackle these challenges and build a more peaceful, inclusive societies, there needs to be more efficient and transparent regulations put in place and comprehensive, realistic government budgets. One of the first steps towards protecting individual rights is the implementation of worldwide birth registration and the creation of more independent national human rights institutions around the world.

Source: UN, <https://www.un.org/sustainabledevelopment/peace-justice/>



Photo by Edward Lich

## GLOBAL PERFORMANCE OF THE SDG 16

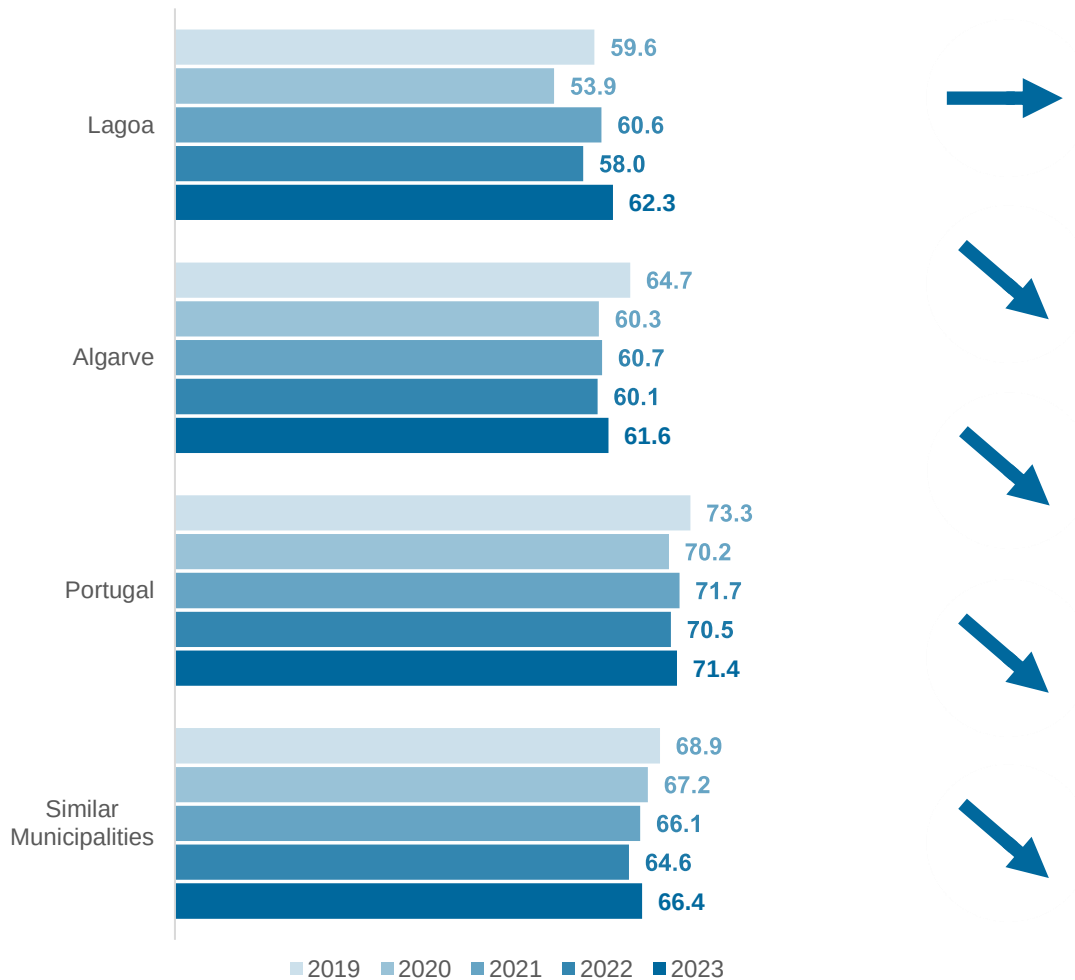


## PROGRESS ON THE SDG 16 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND



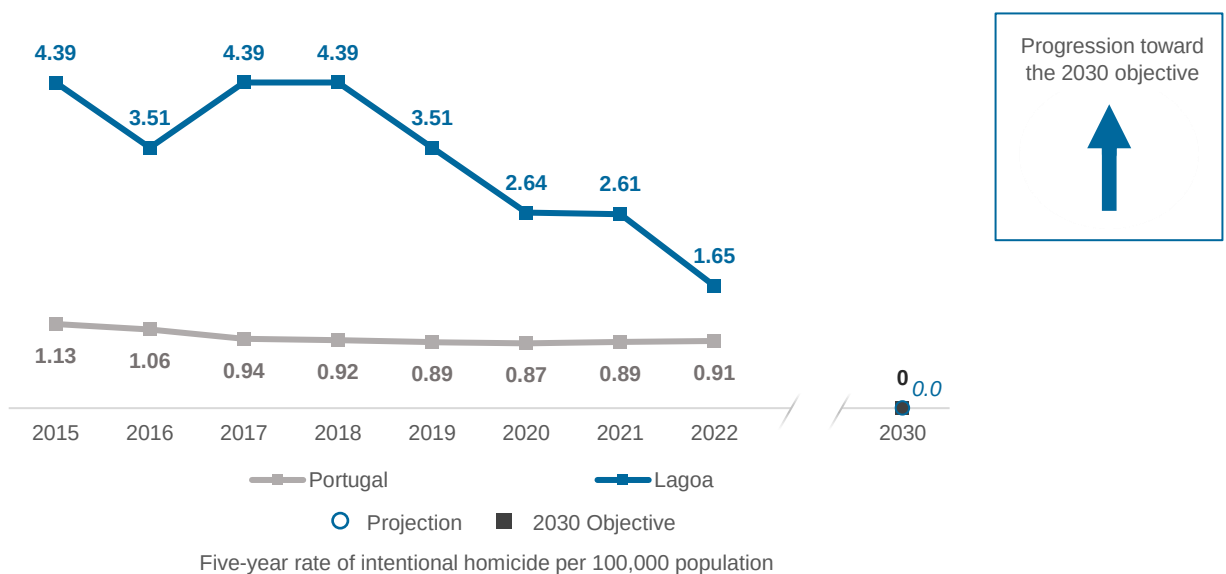
**Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal**

| Arrow | Description                                                                                                                      |
|-------|----------------------------------------------------------------------------------------------------------------------------------|
| ↑     | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
| ↗     | The municipality is on track to meet the 2030 objectives, but will not be able to achieve them if it continues its current trend |
| →     | The municipality is not making significant progress towards the 2030 objectives                                                  |
| ↘     | The municipality is distancing itself from the 2030 objectives                                                                   |
| ↓     | The municipality is far from the 2030 objective path                                                                             |



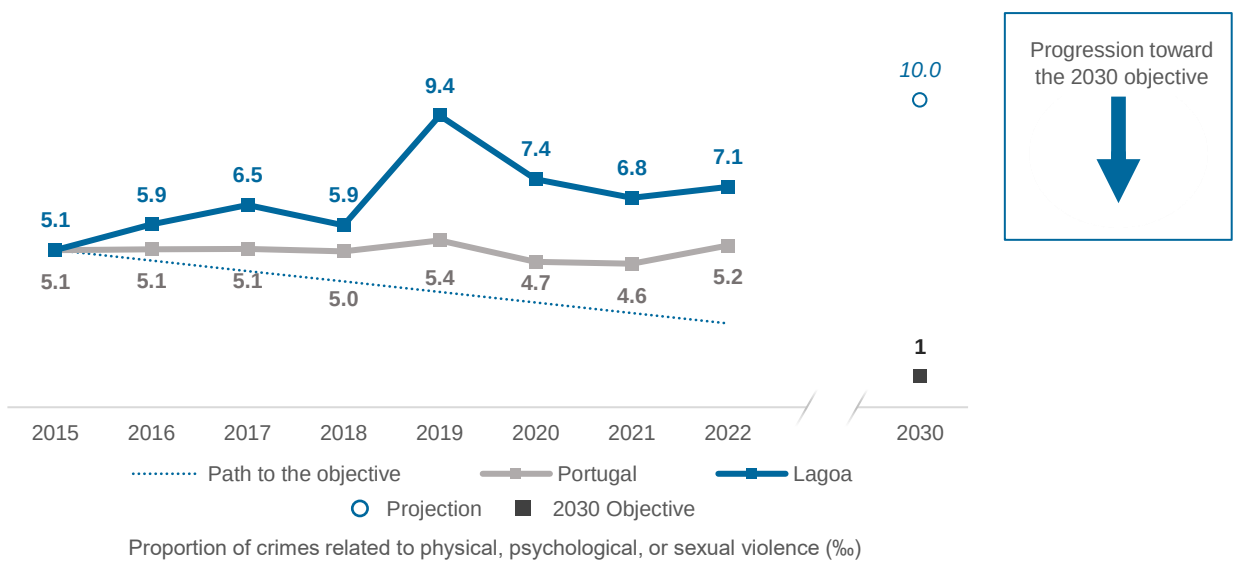
**Target 16.1** | Significantly reduce all forms of violence and related death rates everywhere

**Indicator 16.1.1. Five-year rate of intentional homicide per 100,000 population**



Source: DGPJ (2011/2015-2018/2022), calculated by CESOP

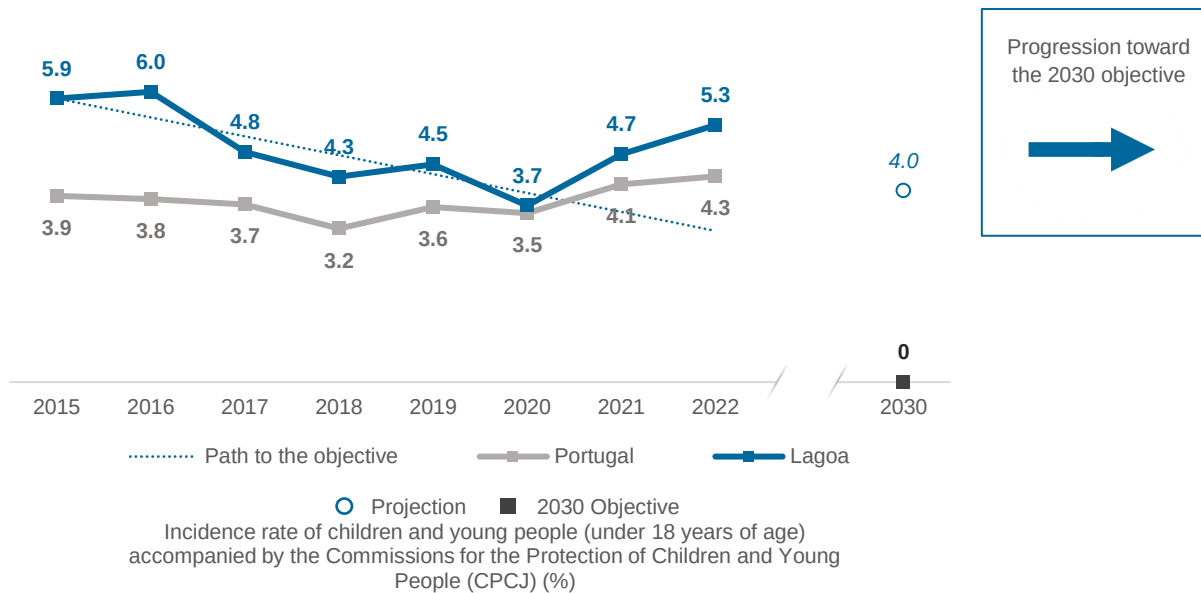
**Indicator 16.1.3. Proportion of crimes related to physical, psychological, or sexual violence (‰)**



Source: DGPJ (2015-2022), calculated by CESOP

## Target 16.2 | End abuse, exploitation, trafficking and all forms of violence against and torture of children

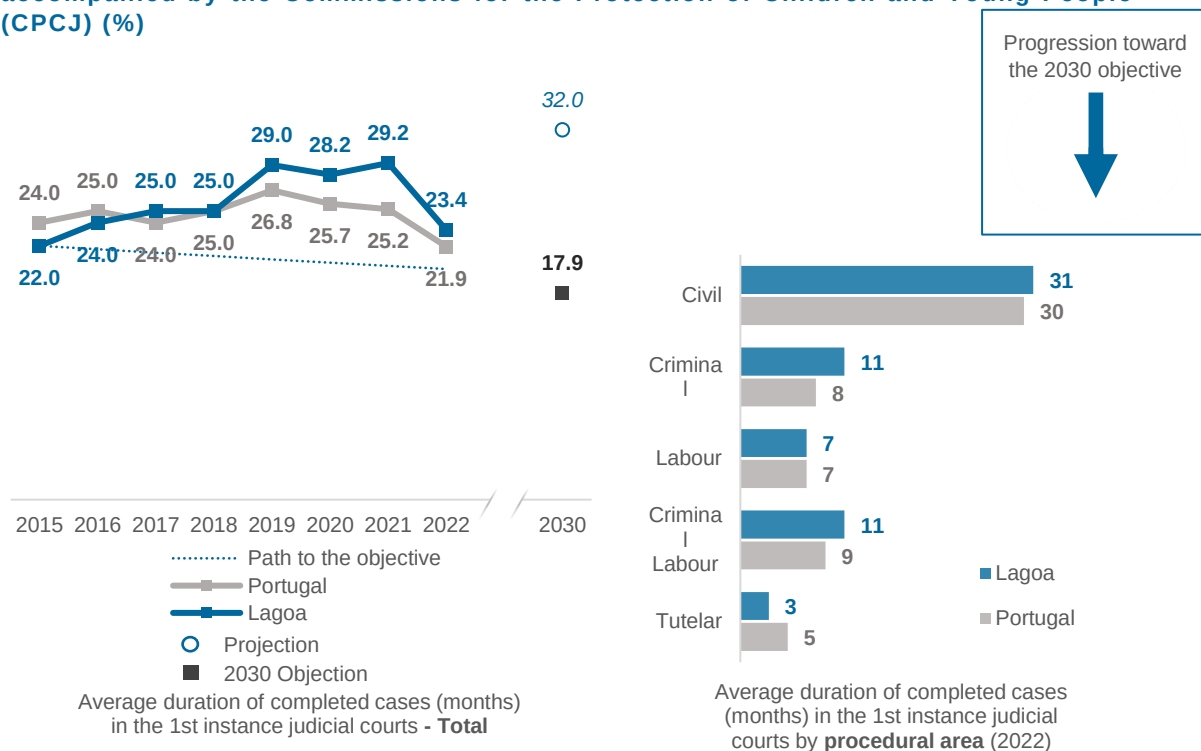
**Indicator 16.2.1. Incidence rate of children and young people (under 18 years of age) accompanied by the Commissions for the Protection of Children and Young People (CPCJ) (%)**



Source: DGPJ (2015-2022), calculated by CESOP

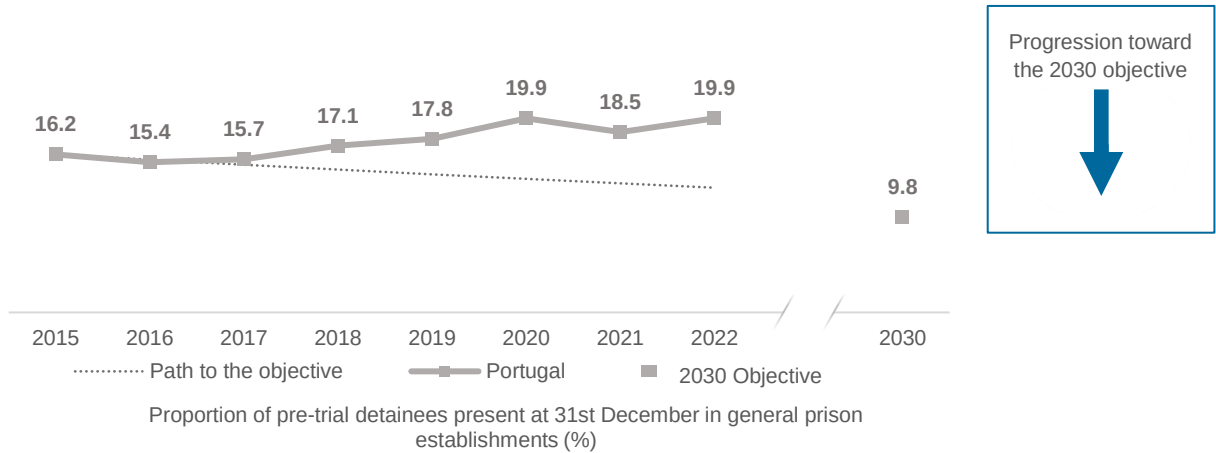
## Target 16.3 | End abuse, exploitation, trafficking and all forms of violence against and torture of children

**Indicator 16.3.1. Incidence rate of children and young people (under 18 years of age) accompanied by the Commissions for the Protection of Children and Young People (CPCJ) (%)**



Source: DGPJ (2015-2022), calculated by CESOP

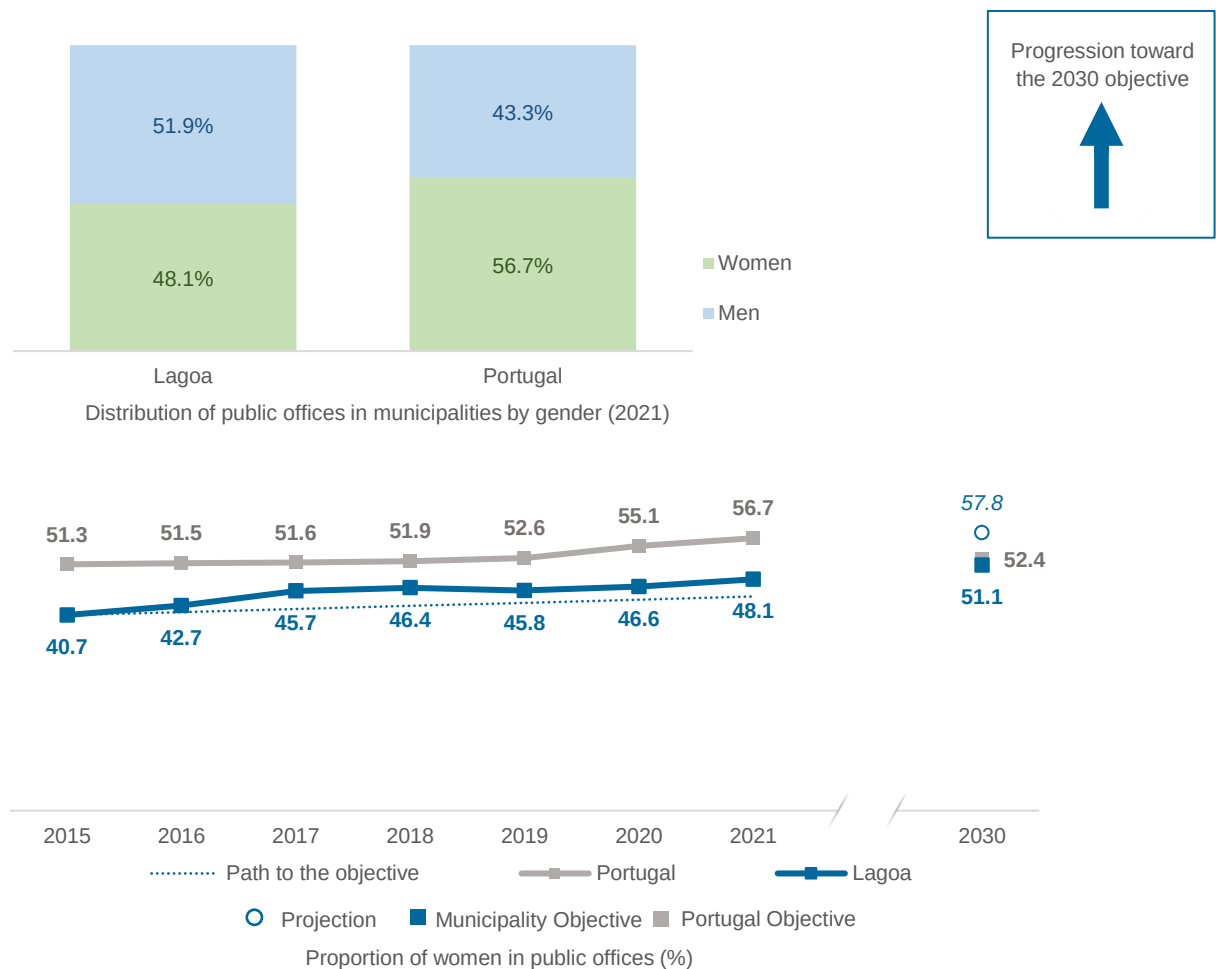
### Indicator 16.3.2. Proportion of pre-trial detainees present at 31st December in general prison establishments (%)



Source: INE (2015-2022)

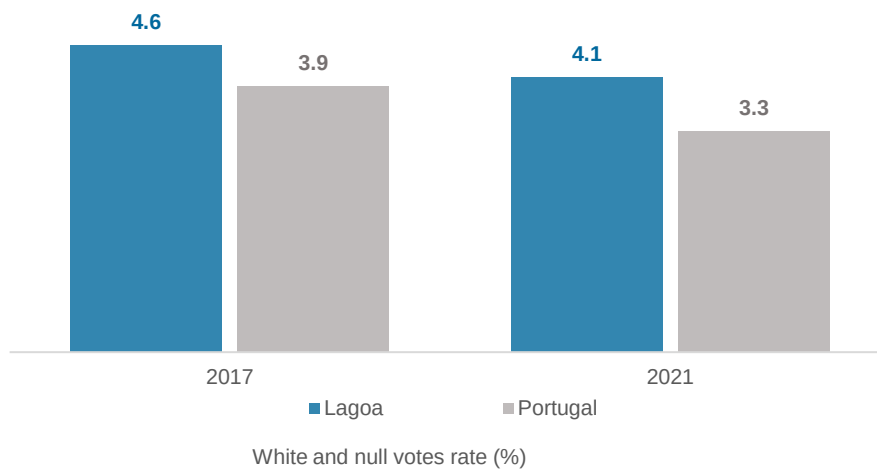
### Target 16.7 | Ensure responsive, inclusive, participatory and representative decision-making at all levels

#### Indicator 16.7.1. Distribution of public offices in municipalities by gender



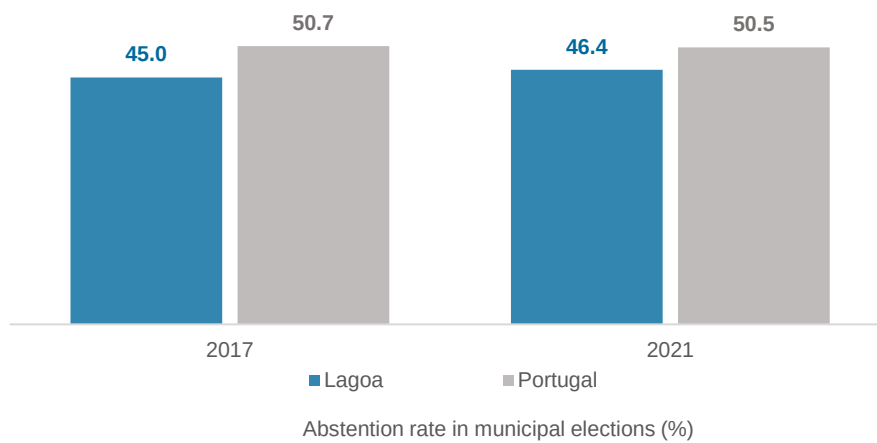
Source: Pordata (2015-2021), calculated by CESOP

**Indicador 16.7.2(a). White and null votes rate (%)**



Source: Portal de Transparência Municipal (2017 and 2021), calculated by CESOP

**Indicador 16.7.2(b). Abstention rate in municipal elections (%)**



Source: Portal de Transparência Municipal (2017 and 2021)

**Target 16.9 | By 2030, provide legal identity for all, including birth registration**

**Indicador 16.9.1. Proportion of children under 5 with birth registration at a civil registry authority (%)**

Source: UN (2020)



## SDG 17

## PARTNERSHIPS FOR THE GOALS

### STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT

A successful sustainable development agenda requires partnerships between governments, the private sector and civil society. These inclusive partnerships built upon principles and values, a shared vision, and shared goals that place people and the planet at the centre, are needed at the global, regional, national and local level.

Urgent action is needed to mobilize, redirect and unlock the transformative power of trillions of dollars of private resources to deliver on sustainable development objectives. Long-term investments, including foreign direct investment, are needed in critical sectors, especially in developing countries. These include sustainable energy, infrastructure and transport, as well as information and communications technologies. The public sector will need to set a clear direction. Review and monitoring frameworks, regulations and incentive structures that enable such investments must be retooled to attract investments and reinforce sustainable development. National oversight mechanisms such as supreme audit institutions and oversight functions by legislatures should be strengthened.

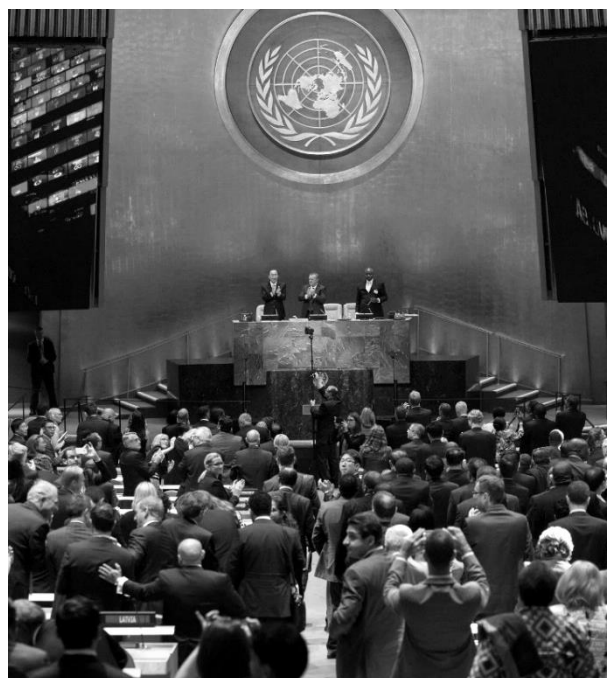
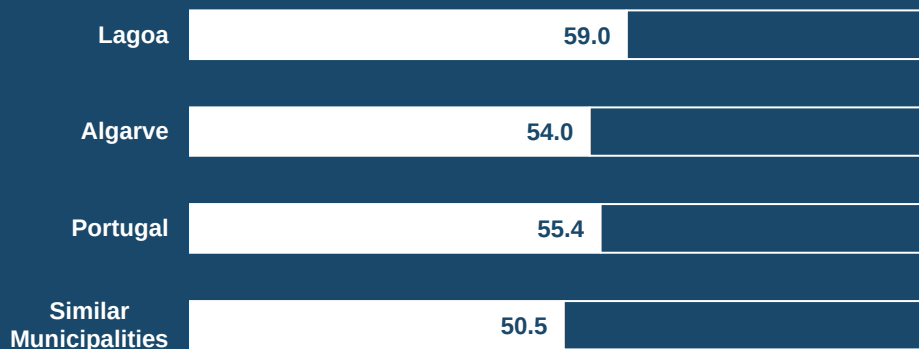


Photo by Cia Pak (UN Photo)

Source: UN, <https://www.un.org/sustainabledevelopment/globalpartnerships/>

## GLOBAL PERFORMANCE OF THE SDG 17

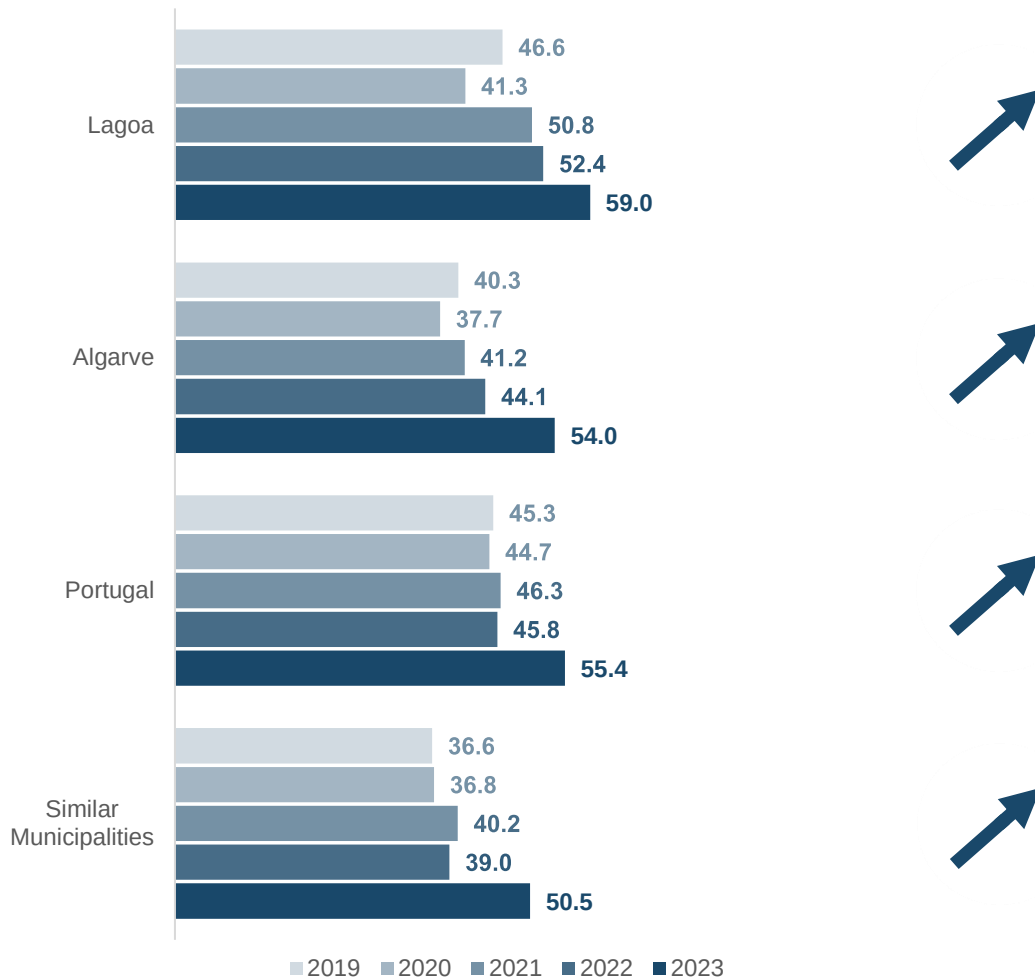


## PROGRESS ON THE SDG 17 PERFORMANCE BETWEEN 2019 AND 2023

according to the evaluation criteria used in this edition

PERFORMANCE 2019-2023

TREND

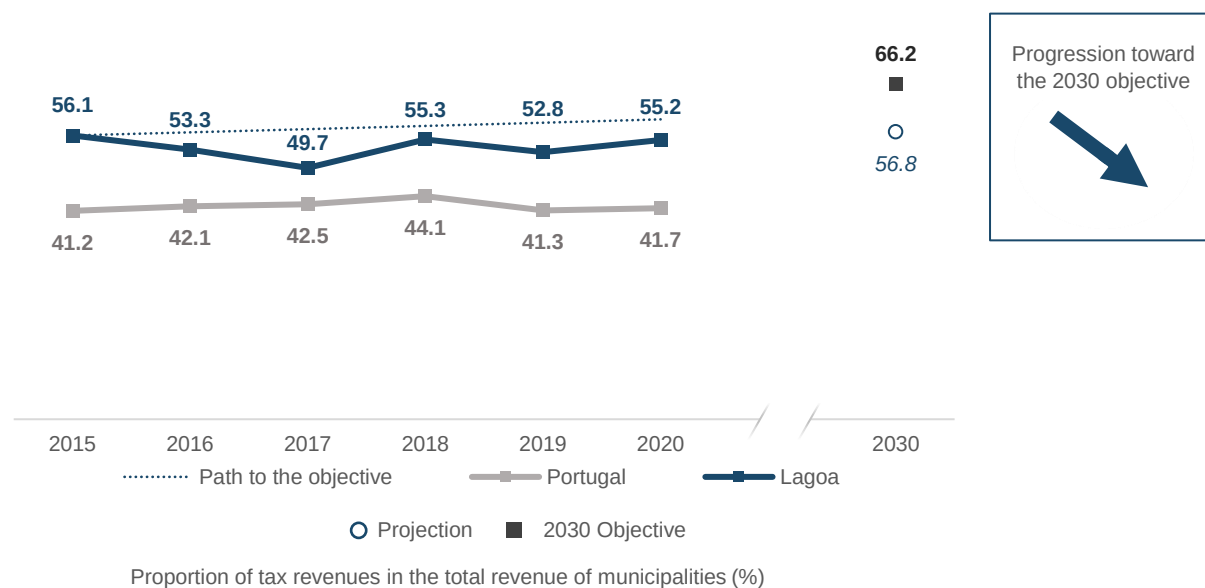


Meaning of the arrows showing the municipality's progress towards the 2030 objectives of this Goal

| Arrow                                                                               | Description                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | The municipality is on track to meet the 2030 objectives, and progress is sufficient to achieve them                             |
|  | The municipality is on track to meet the 2030 objectives, but will not be able to achieve them if it continues its current trend |
|  | The municipality is not making significant progress towards the 2030 objectives                                                  |
|  | The municipality is distancing itself from the 2030 objectives                                                                   |
|  | The municipality is far from the 2030 objective path                                                                             |

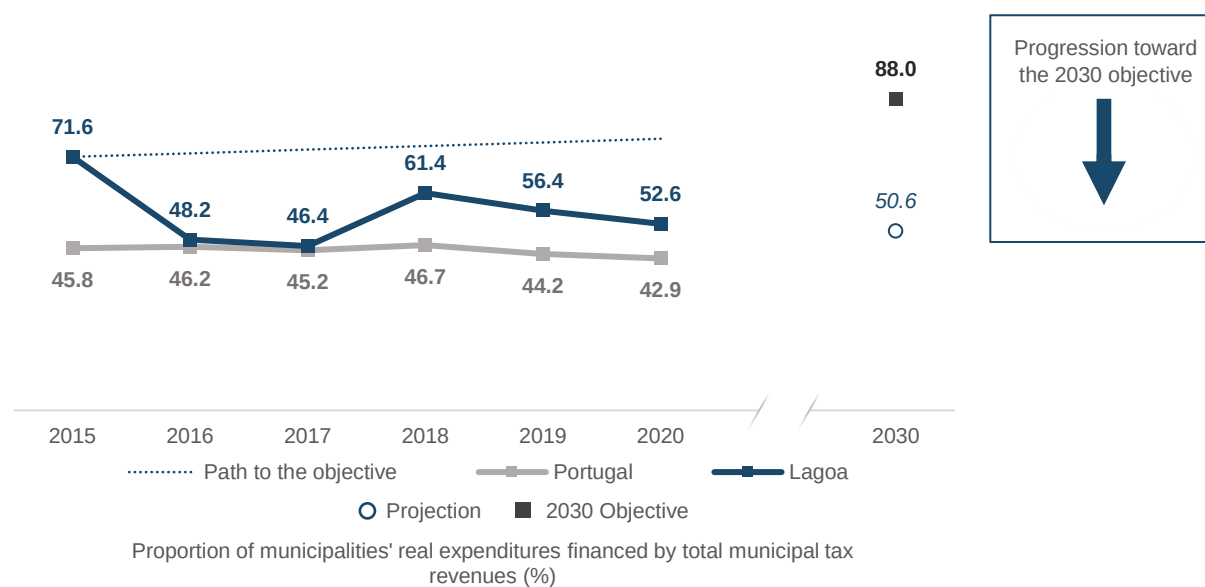
**Target 17.1** | Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection

**Indicator 17.1.1. Proportion of tax revenues in the total revenue of municipalities (%)**



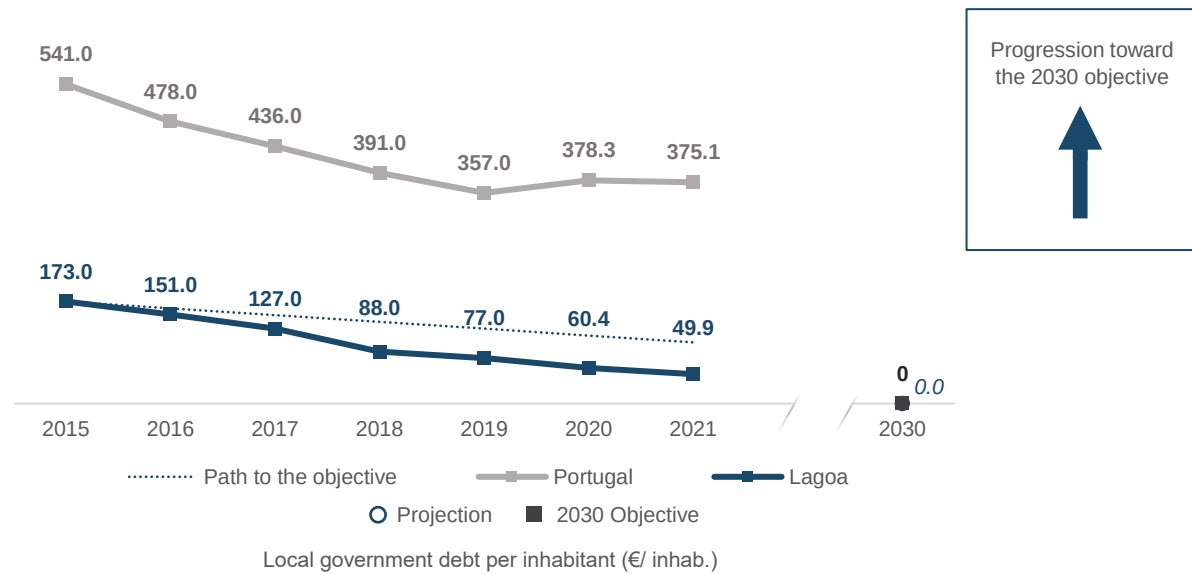
Source: INE (2015-2020)

**Indicator 17.1.2. Proportion of municipalities' real expenditures financed by total municipal tax revenues (%)**



Source: INE (2015-2020), calculated by CESOP

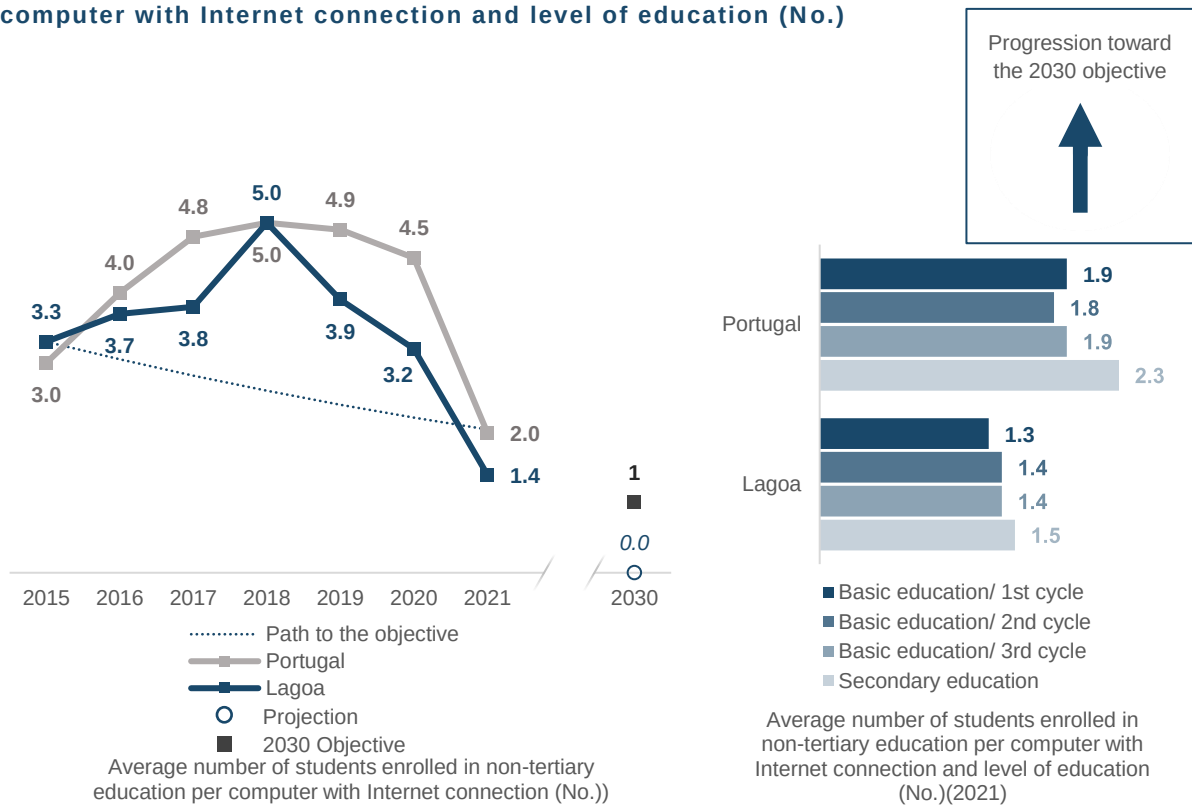
### Indicator 17.1.3. Local government debt per inhabitant (€/ inhab.)



Source: INE (2015-2020)

**Target 17.8 | Fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology**

### Indicator 17.8.1. Average number of students enrolled in non-tertiary education per computer with Internet connection and level of education (No.)



Fonte: Pordata (2015-2021)



**Target 17.16** | Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries

**Indicator 17.16.1(a). Participation in partnerships for sustainable development**

**YES ✓ 5** intermunicipal partnerships contracted by the Town Hall, for the sharing of knowledge and implementation of good practices in favor of sustainable development

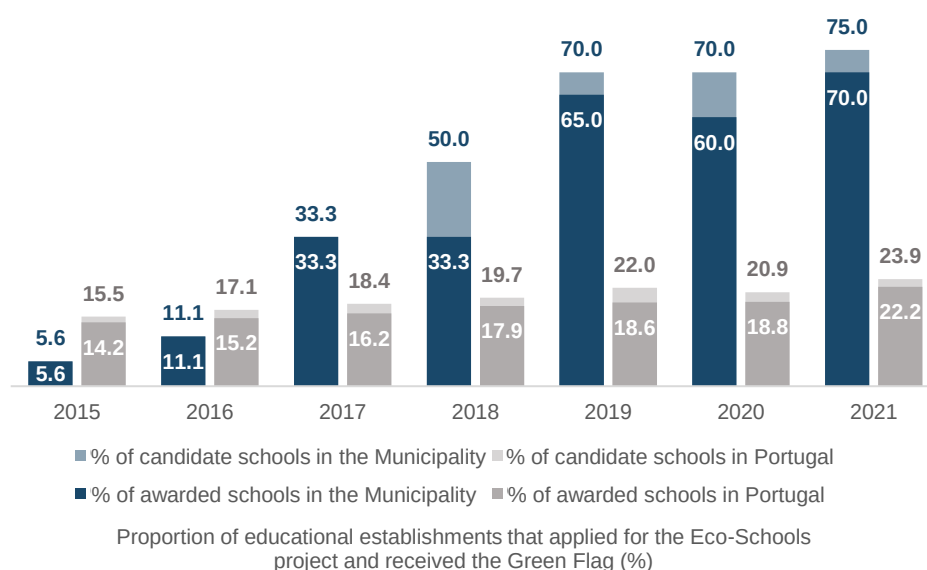
Source: CESOP (2022)

**Indicator 17.16.1(b). Proportion of Sustainable Development Goals covered by intermunicipal partnerships in which the Municipality participates (%)**

**82.4** % of the SDGs covered by the inter-municipal partnerships contracted by the Town Hall

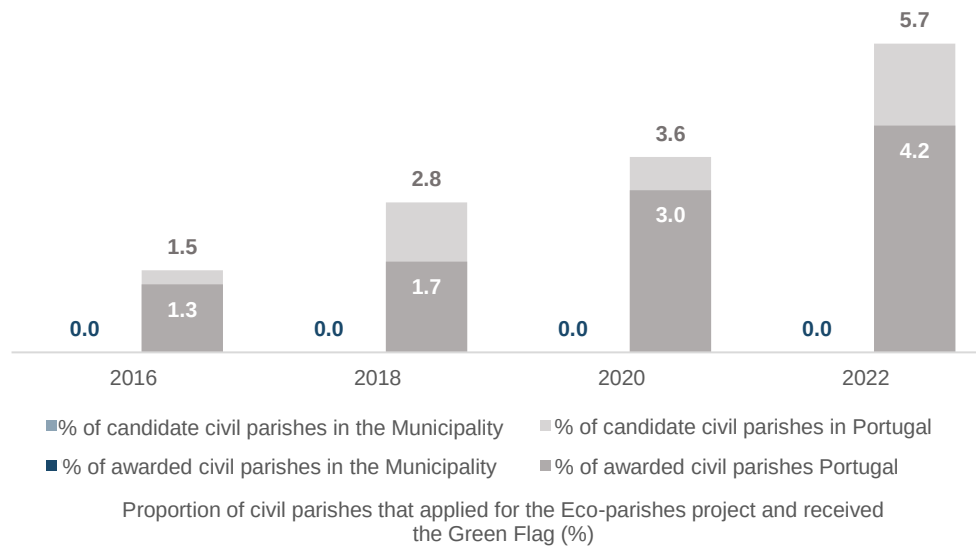
Source: CESOP (2022)

**Indicator 17.16.2(a). Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%)**



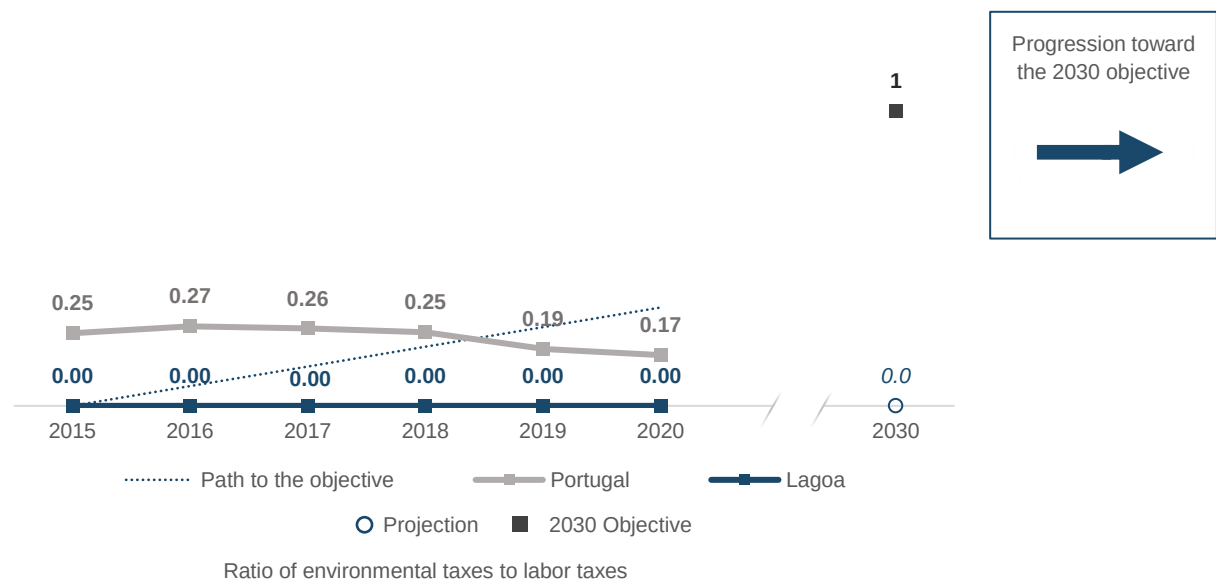
Source: ABAE (2015-2021), calculated by CESOP

### Indicator 17.16.2(b). Proportion of civil parishes that applied for the Eco-parishes project and received the Green Flag (%)



Source: ABAE (2016-2022), calculated by CESOP

### Indicator Extra.17.a. Ratio of environmental taxes to labor taxes



Source: INE (2015-2020), calculated by CESOP

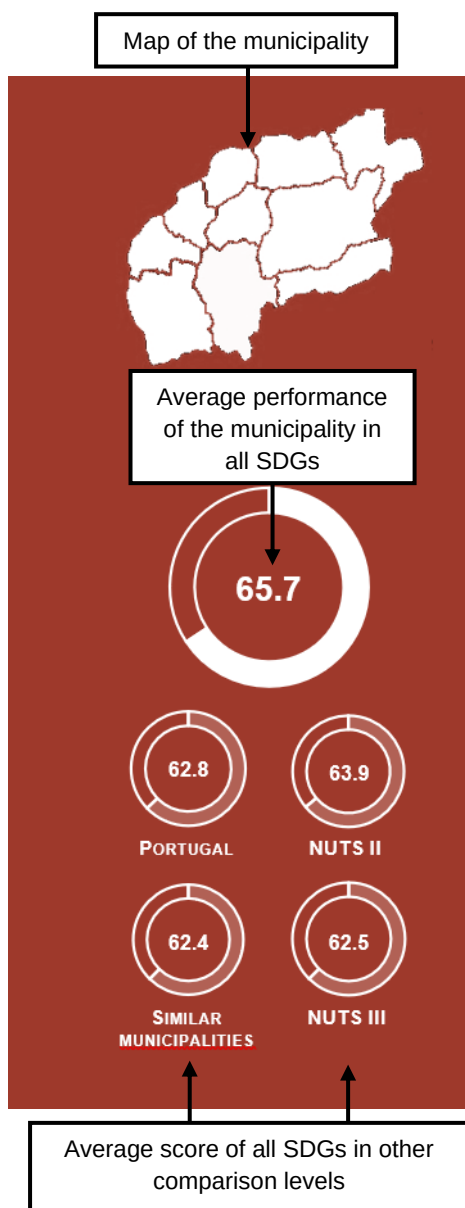
To ensure that the impact of production and consumption processes on the environment are reflected in prices, European Union policies recommend a shift in taxation to make it 'greener'. Thus, environmental taxes should rise in relation to labor taxes.

# ANNEXES

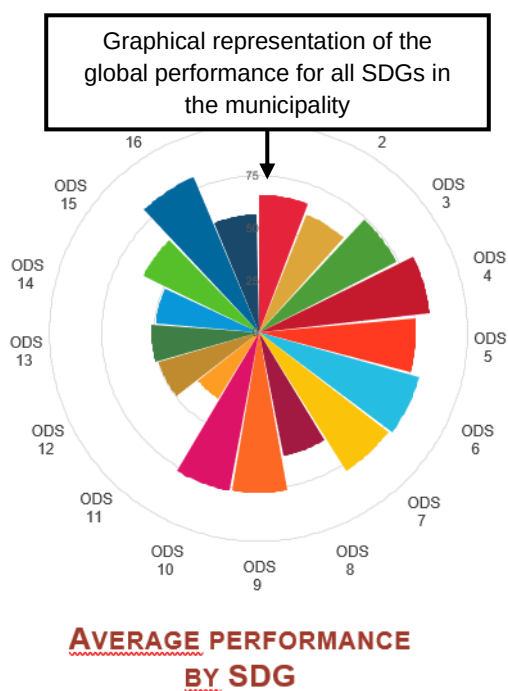


## Annex 1 - How to read the visual information

### First page of Global Results



## MUNICÍPIO NUTS III NUTS II

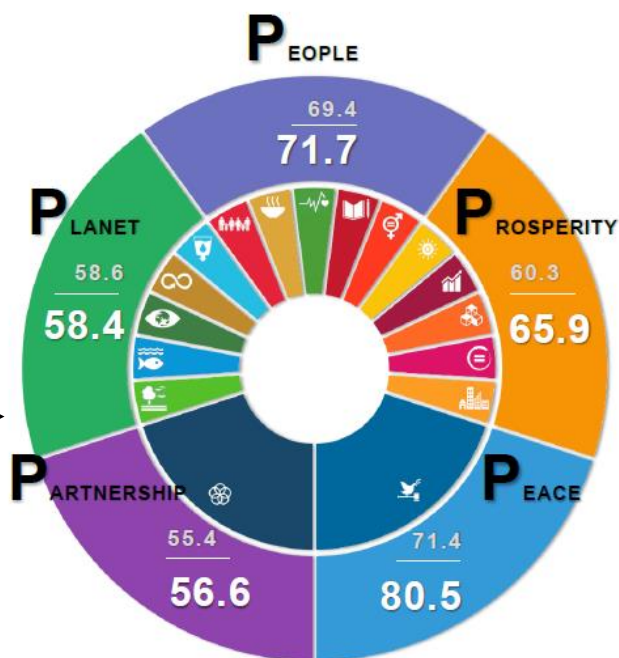


## Second page of Global Results

### 5P's

The 5Ps were defined in the framework of the 2030 Agenda as the five crucial areas for humanity and for the planet. These 5Ps show that the Sustainable Development Goals (SDGs) are interconnected and that in order to fulfil the Agenda, action must be taken on each of the SDGs.

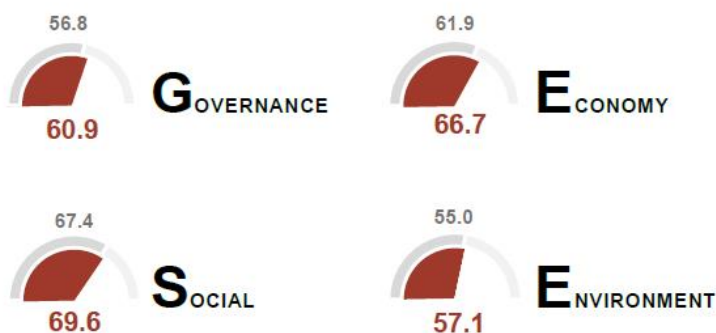
The 5 Ps: calculated from the average of the SDGs that are aggregated in it



### GESE

These four dimensions are considered to represent the four spheres of society that must be interconnected to ensure a sustainable future, supported by inclusive, coherent and transparent governance systems.

Results of Portugal  
Results of the municipality



GESA dimensions: calculated from the average of all relevant targets for each dimension

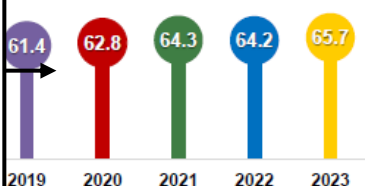
## Fourth page of Global Results

## EVOLUTION 2019-2023 OF GLOBAL RESULTS

Recalculated based on the indicators and limit values defined in the 2022 edition of the Municipal Sustainability Index

### INDEX SCORE

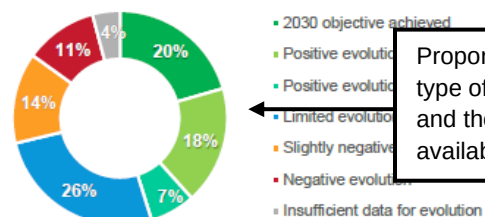
Arithmetic mean of the 17 SDGs



Average of the municipality's performance in all SDGs in the five most recent years, based on the metrics used in the 2023 edition

### INDICATORS BY EVOLUTION

Evolution between the year 2015 (or later year where the timeseries starts) and the most recent year with available information



Proportion of ISM indicators by type of evolution between 2015 and the most recent year with available information

### GESE DIMENSIONS

The value of each of these four dimensions results from the arithmetic mean of the targets associated with it.

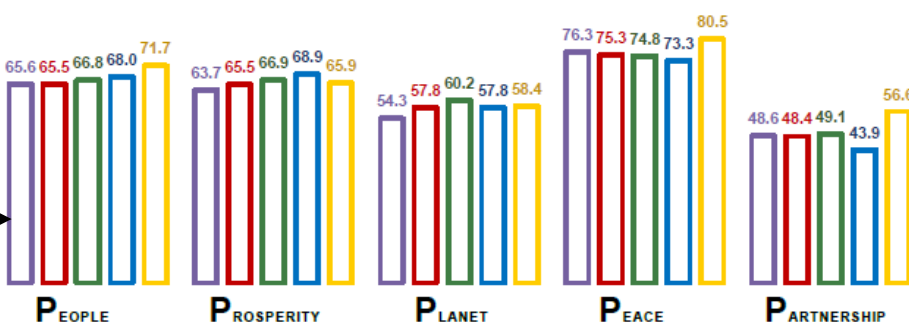
|                     | 2019 | 2020 | 2021 | 2022 | 2023 |
|---------------------|------|------|------|------|------|
| <b>G</b> OVERNANCE  | 59.1 | 58.0 | 60.9 | 59.2 | 60.9 |
| <b>E</b> CONOMY     | 64.8 | 66.0 | 66.3 | 65.4 | 66.7 |
| <b>S</b> OCIAL      | 66.4 | 66.6 | 67.8 | 67.8 | 69.6 |
| <b>E</b> NVIRONMENT | 55.3 | 57.6 | 60.6 | 59.6 | 57.1 |

Score of the four GESA dimensions of the municipality in the five most recent years

### 5P's DIMENSIONS

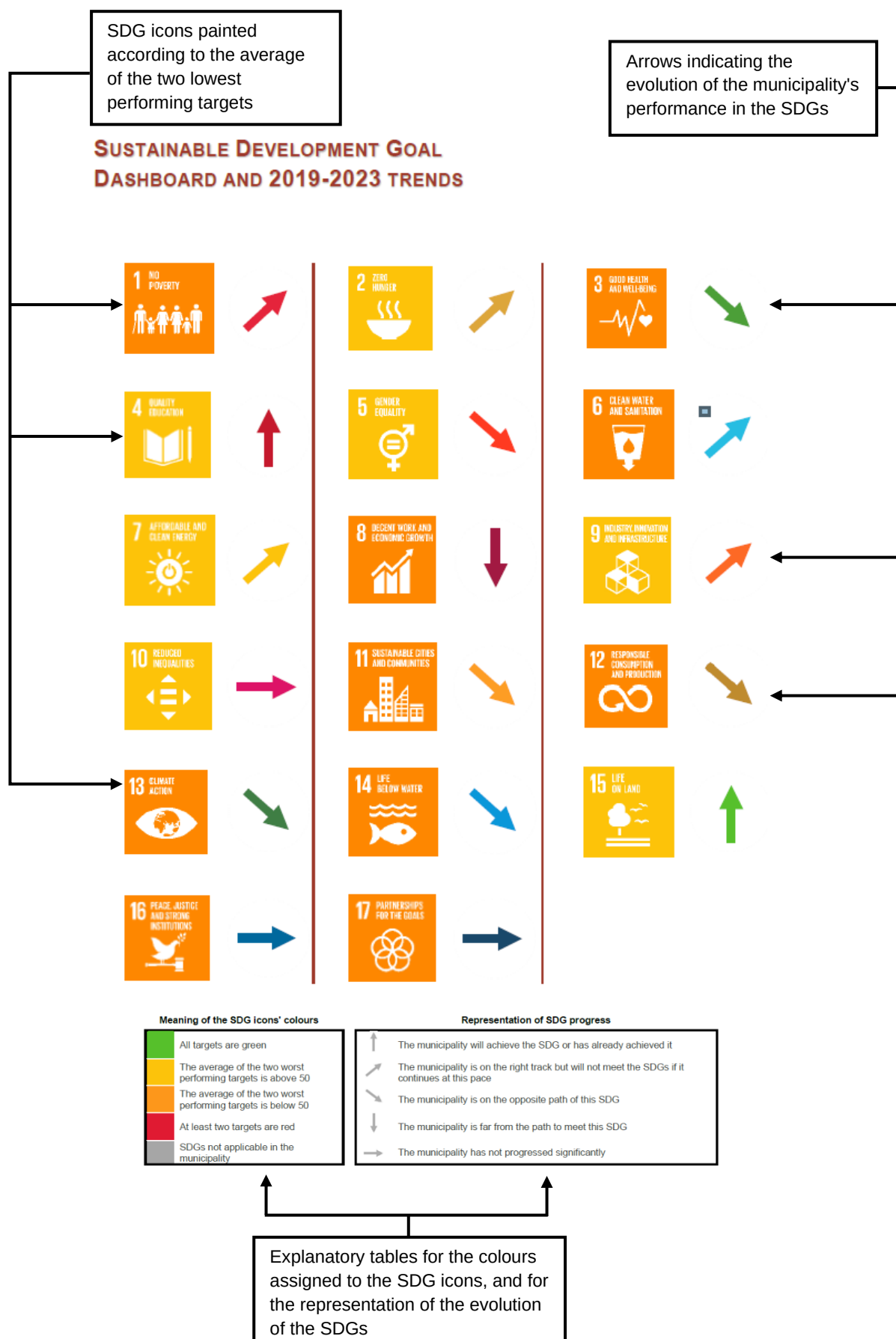
The value of each of the 5P's results from the arithmetic mean of the SDGs aggregated in it.

■ 2019 ■ 2020 ■ 2021 ■ 2022 ■ 2023



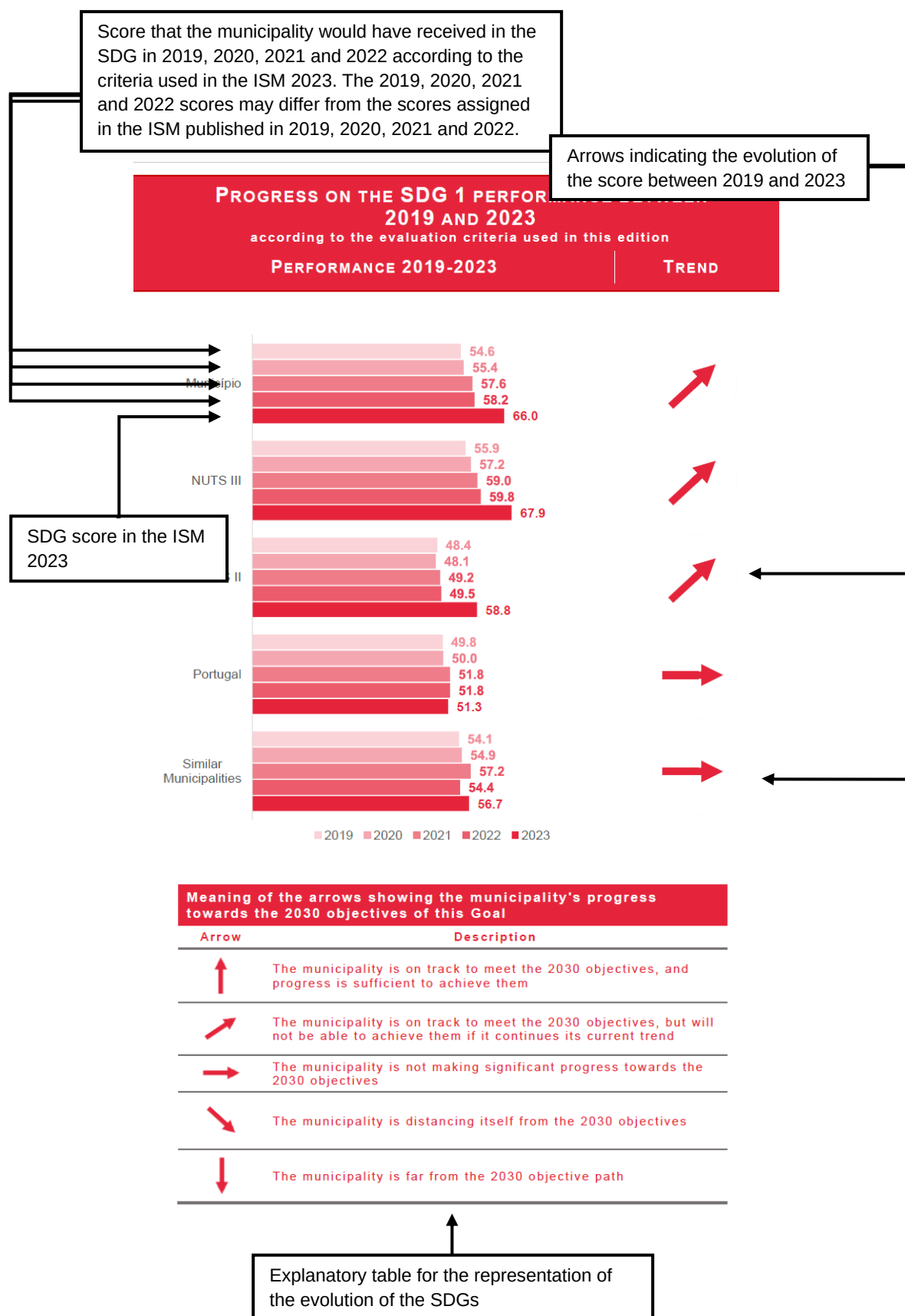
5P's score of the municipality in the five most recent

## Fifth page of Global Results

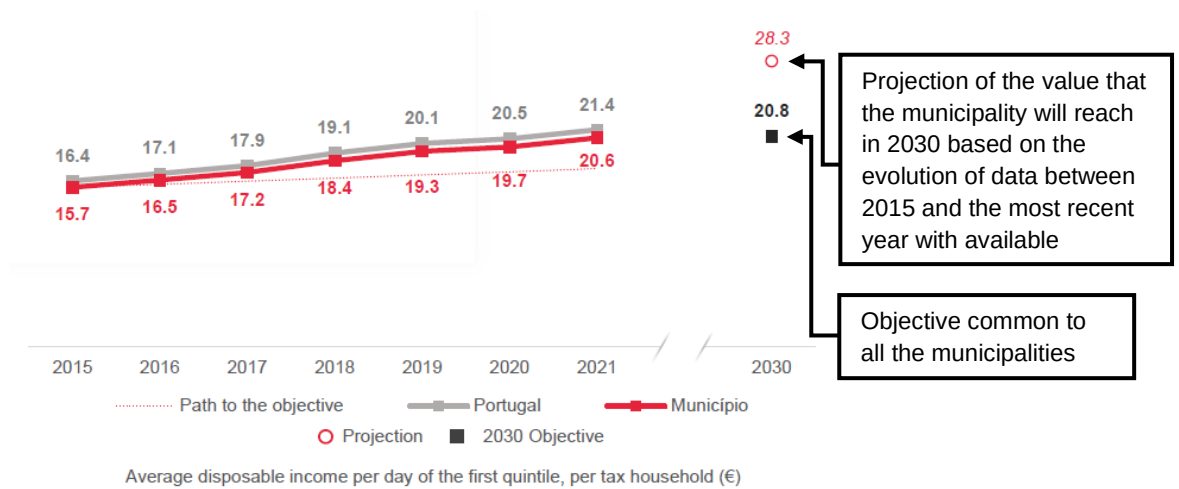
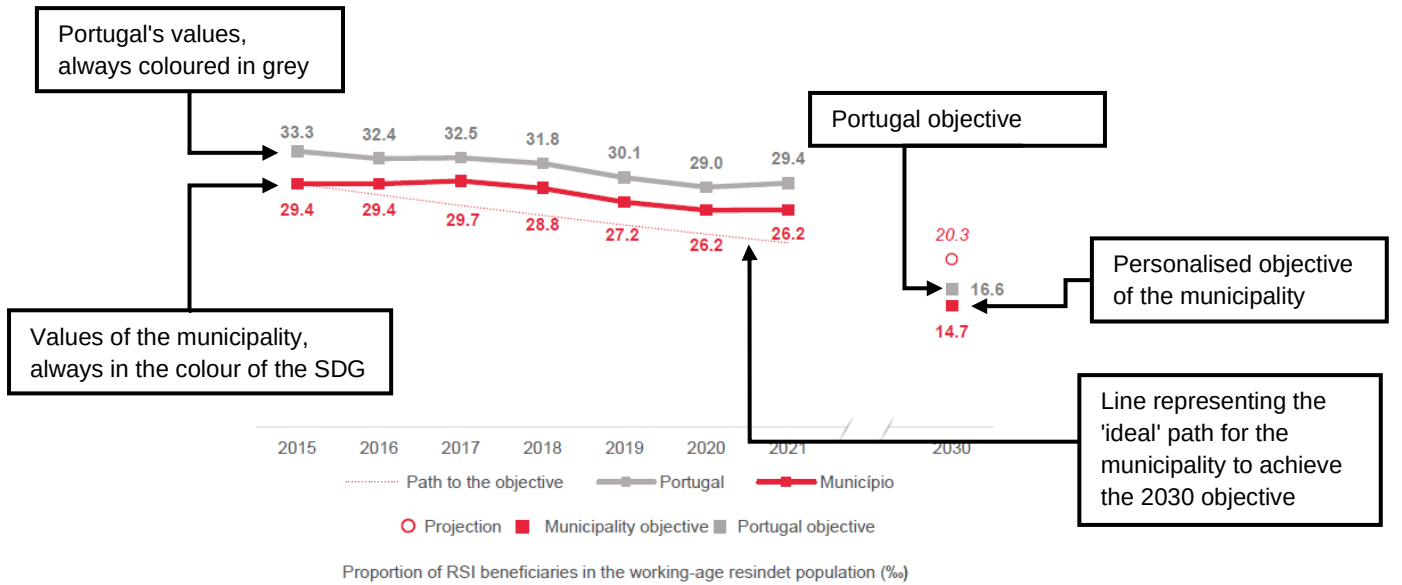




## Page of the progression of the SDG global performance



## Line chart



2030 OBJECTIVE  
ACHIEVED

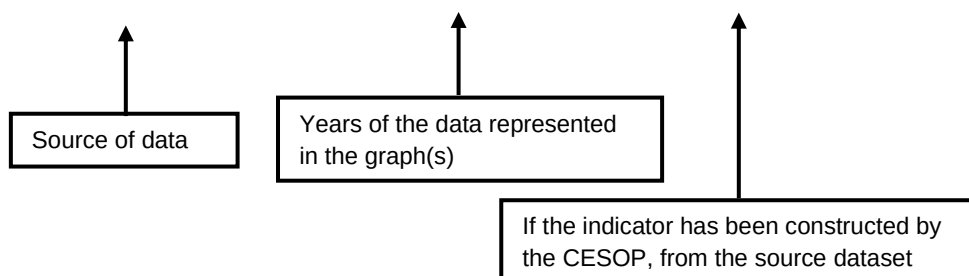


Arrow representing the relationship between the evolution of the municipality's values and the 'ideal' path. For example, the vertical arrow upwards indicates that the municipality is evolving sufficiently to reach the objective

Symbol attributed to the indicator when the objective has already been

**Information on each indicator**

Source: Portal Autárquico (2015-2021), calculated by CESOP





## Annex 2 - Detailed results by levels of comparison

| Annex 2 - Detailed results by levels of comparison |                                                                                                                                                                            |              | Municipality | NUTS III/II |          |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|-------------|----------|
|                                                    |                                                                                                                                                                            |              | Lagoa        | Algarve     | Portugal |
| Global Results (0-100)                             |                                                                                                                                                                            |              | 62.18        | 62.04       | 62.81    |
| SDG 1 (0-100)                                      |                                                                                                                                                                            |              | 59.81        | 55.19       | 51.27    |
| Target 1.2 (0-100)                                 |                                                                                                                                                                            |              | 32.64        | 36.81       | 41.04    |
| 1.2.1                                              | Proportion of RSI beneficiaries in the working-age resident population (‰)                                                                                                 | 0-100        | 18.96        | 28.35       | 23.13    |
|                                                    |                                                                                                                                                                            | ‰            | 29.81        | 27.37       | 29.44    |
| 1.2.2                                              | Proportion of children and young people benefiting from Social Security family allowance (%)                                                                               | 0-100        | 0.00         | 0.00        | 0.00     |
|                                                    |                                                                                                                                                                            | ‰            | 58.95        | 58.32       | 49.04    |
| 1.2.3                                              | Average disposable income per day of the first quintile, per tax household (€)                                                                                             | 0-100        | 78.96        | 82.07       | 100.00   |
|                                                    |                                                                                                                                                                            | %            | 17.00        | 17.56       | 21.45    |
| Target 1.4 (0-100)                                 |                                                                                                                                                                            |              | 46.80        | 47.14       | 52.00    |
| 1.4.1(a)                                           | Proportion of resident population living in non-conventional dwellings (‰)                                                                                                 | 0-100        | 93.60        | 94.27       | 98.87    |
|                                                    |                                                                                                                                                                            | ‰            | 3.67         | 3.33        | 1.06     |
| 1.4.1(b)                                           | Weight of median rent of new rental contracts in median disposable income per tax household                                                                                | 0-100        | 0.00         | 0.00        | 5.12     |
|                                                    |                                                                                                                                                                            | %            | 71.70        | 76.68       | 63.05    |
| Target 1.a (0-100)                                 |                                                                                                                                                                            |              | 100.00       | 81.63       | 60.78    |
| 1.b.1(a)                                           | Current expenditure for families and IPSSs in total expenditure (%)                                                                                                        | 0-100        | 100.00       | 83.80       | 74.39    |
|                                                    |                                                                                                                                                                            | %            | 13.05        | 8.17        | 7.26     |
| 1.b.1(b)                                           | Current expenditure for families and IPSSs per capita (€)                                                                                                                  | 0-100        | 100.00       | 79.45       | 47.17    |
|                                                    |                                                                                                                                                                            | €            | 188.92       | 72.83       | 44.18    |
| SDG 2 (0-100)                                      |                                                                                                                                                                            |              | 54.14        | 53.76       | 60.16    |
| Target 2.2 (0-100)                                 |                                                                                                                                                                            |              | 45.60        | 45.60       | 32.40    |
| 2.2.2                                              | Proportion of resident population with 18 and more years old with obesity, by sex                                                                                          | 0-100        | 45.60        | 45.60       | 32.40    |
|                                                    |                                                                                                                                                                            | Total        | 13.60        | 13.60       | 16.90    |
|                                                    |                                                                                                                                                                            | H            | 14.30        | 14.30       | 16.40    |
|                                                    |                                                                                                                                                                            | M            | 13.00        | 13.00       | 17.40    |
| Target 2.4 (0-100)                                 |                                                                                                                                                                            |              | 62.68        | 61.92       | 87.92    |
| 2.4.1                                              | Proportion of organic farmers (%)                                                                                                                                          | 0-100        | 42.84        | 29.55       | 75.85    |
|                                                    |                                                                                                                                                                            | %            | 6.90         | 4.76        | 12.21    |
| 2.4.2                                              | Nitrate in groundwater (mg NO3/litre)                                                                                                                                      | 0-100        | 82.52        | 94.30       | 100.00   |
|                                                    |                                                                                                                                                                            | mg NO3/litre | 29.37        | 26.43       | 20.17    |
| SDG 3 (0-100)                                      |                                                                                                                                                                            |              | 74.65        | 74.61       | 79.94    |
| Target 3.1 (0-100)                                 |                                                                                                                                                                            |              | 100          | 100         | 100      |
| 3.1.1                                              | Deaths from complications of pregnancy, childbirth and puerperium (Nº)                                                                                                     | 0-100        | 100          | 100         | 100      |
|                                                    |                                                                                                                                                                            | Nº           | 0            | 2           | 10       |
| 3.1.2                                              | Proportion of births (live births) attended by skilled health personnel (%)                                                                                                | 0-100        | 100.00       | 100.00      | 100.00   |
|                                                    |                                                                                                                                                                            | %            | 100.00       | 99.70       | 99.95    |
| Target 3.2 (0-100)                                 |                                                                                                                                                                            |              | 100          | 100         | 100      |
| 3.2.1                                              | Five-year mortality rate of children aged 0-4 years per 1,000 live births (‰)                                                                                              | 0-100        | 100          | 100         | 100      |
|                                                    |                                                                                                                                                                            | ‰            | 3.72         | 3.72        | 3.41     |
| 3.2.2                                              | Five-year neonatal mortality rate (‰)                                                                                                                                      | 0-100        | 100          | 100         | 100      |
|                                                    |                                                                                                                                                                            | ‰            | 4.65         | 1.88        | 1.81     |
| Target 3.3 (0-100)                                 |                                                                                                                                                                            |              | 80.67        | 70.84       | 77.18    |
| 3.3.1                                              | Five-year rate of new HIV infections per 1,000 population                                                                                                                  | 0-100        | 90.33        | 86.22       | 89.07    |
|                                                    |                                                                                                                                                                            | ‰            | 0.10         | 0.14        | 0.11     |
| 3.3.2                                              | Five-year mortality rate due to Tuberculosis, HIV, and Viral Hepatitis per 100,000 population                                                                              | 0-100        | 71.02        | 55.47       | 65.29    |
|                                                    |                                                                                                                                                                            | ‰            | 4.27         | 6.56        | 5.11     |
| Target 3.4 (0-100)                                 |                                                                                                                                                                            |              | 67.53        | 61.05       | 67.63    |
| 3.4.1                                              | Mortality rate (30 to 70 years) due to diseases of the circulatory system, malignant neoplasms, diabetes mellitus and chronic respiratory diseases per 100 000 inhabitants | 0-100        | 100.00       | 100.00      | 100.00   |
|                                                    |                                                                                                                                                                            | por 100 000  | 337.63       | 282.48      | 268.07   |
| 3.4.2                                              | Five-year mortality rate due to intentional self-harm (suicide) per 100,000 inhabitants, by Sex                                                                            | 0-100        | 40.57        | 23.75       | 56.89    |
|                                                    |                                                                                                                                                                            | Total        | 13.08        | 16.77       | 9.48     |
|                                                    |                                                                                                                                                                            | H            | 21.65        | 26.69       | 15.20    |
|                                                    |                                                                                                                                                                            | M            | 5.06         | 7.68        | 4.35     |
| 3.4.3                                              | Proportion of resident population with 18 and more years old with obesity, by sex (%)                                                                                      | 0-100        | 45.60        | 45.60       | 32.40    |
|                                                    |                                                                                                                                                                            | Total        | 13.60        | 13.60       | 16.90    |
|                                                    |                                                                                                                                                                            | H            | 14.30        | 14.30       | 16.40    |
|                                                    |                                                                                                                                                                            | M            | 13.00        | 13.00       | 17.40    |

Anexo 2 - Resultados completos por níveis de comparação

|                    |                                                                                              |                     | Lagoa  | Algarve | Portugal |        |
|--------------------|----------------------------------------------------------------------------------------------|---------------------|--------|---------|----------|--------|
| 3.4.4              | Proportion of accidents at work declared by employees by type of accident (%)                | 0-100               | 83.97  | 74.84   | 81.22    |        |
|                    |                                                                                              | Total (%)           | 3.60   | 4.20    | 3.78     |        |
|                    |                                                                                              | Não mortais (Nº)    | 382    | 8236    | 155917   |        |
|                    |                                                                                              | Mortais (Nº)        | 0      | 5       | 131      |        |
| Target 3.5 (0-100) |                                                                                              |                     | 74.68  | 61.96   | 80.28    |        |
| 3.5.1              | Rates of registered users with drug-related problems in the 15-74 age group (‰)              | 0-100               | 59.82  | 39.83   | 73.10    |        |
|                    |                                                                                              | Total               | 4.32   | 6.22    | 3.06     |        |
| 3.5.2              | Rates of registered users with alcohol-related problems in the 15-74 age group (‰)           | 0-100               | 89.53  | 84.08   | 87.47    |        |
|                    |                                                                                              | Total               | 1.49   | 2.01    | 1.69     |        |
| Target 3.6 (0-100) |                                                                                              |                     | 0.00   | 3.25    | 8.84     |        |
| 3.6.1              | Five-year mortality rate due to road accidents per 100 000 inhabitants                       | 0-100               | 0.00   | 3.25    | 8.84     |        |
|                    |                                                                                              | por 100 000         | 3.44   | 4.23    | 3.04     |        |
| Target 3.7 (0-100) |                                                                                              |                     | 80.01  | 84.28   | 91.64    |        |
| 3.7.2              | Five-year adolescent fertility rate (‰)                                                      | 0-100               | 80.01  | 84.28   | 91.64    |        |
|                    |                                                                                              | ‰                   | 12.33  | 10.32   | 6.86     |        |
| Target 3.9 (0-100) |                                                                                              |                     | 93.90  | 93.90   | 93.90    |        |
| 3.9.1              | Mortality rate attributed to household and ambient air pollution per 100 000 inhabitants     | 0-100               | 87.80  | 87.80   | 87.80    |        |
|                    |                                                                                              | por 100 000         | 10.00  | 10.00   | 10.00    |        |
| 3.9.3              | Accidental poisoning (intoxication) by drugs, medicines or biological substances (Nº)        | 0-100               | 100    | 100     | 100      |        |
|                    |                                                                                              | Nº                  | 1.00   | 11      | 160      |        |
| Target 3.c (0-100) |                                                                                              |                     | 75.05  | 96.25   | 100.00   |        |
| 3.c.1              | Health worker density by speciality (‰)                                                      | Médicas/os          | 0-100  | 83.54   | 100.00   | 100.00 |
|                    |                                                                                              | ‰                   | 3.60   | 4.30    | 5.80     |        |
|                    |                                                                                              | Farmacêuticas/os    | 0-100  | 100.00  | 100.00   | 100.00 |
|                    |                                                                                              | ‰                   | 0.95   | 1.06    | 1.57     |        |
|                    |                                                                                              | Enfermeiras/os      | 0-100  | 35.00   | 85.00    | 100.00 |
|                    |                                                                                              | ‰                   | 3.10   | 6.10    | 7.80     |        |
|                    |                                                                                              | Dentistas           | 0-100  | 81.67   | 100.00   | 100.00 |
|                    |                                                                                              | ‰                   | 0.58   | 0.96    | 1.13     |        |
| SDG 4 (0-100)      |                                                                                              |                     | 75.73  | 71.93   | 82.02    |        |
| Target 4.1 (0-100) |                                                                                              |                     | 67.66  | 73.95   | 92.91    |        |
| 4.1.2(a)           | Transition/completion rate in upper secondary education by courses (%)                       | 0-100               | 45.35  | 76.60   | 100.00   |        |
|                    |                                                                                              | Total               | 82.70  | 87.40   | 91.40    |        |
|                    |                                                                                              | Curso gerais        | 87.50  | 88.70   | 91.70    |        |
|                    |                                                                                              | Curso profissionais | 76.20  | 85.10   | 91.00    |        |
| 4.1.2(b)           | Transition/completion rate in upper secondary education by courses (%)                       | 0-100               | 100.00 | 84.00   | 98.00    |        |
|                    |                                                                                              | Total               | 97.40  | 95.50   | 96.90    |        |
|                    |                                                                                              | 1º Ciclo            | 97.50  | 97.10   | 98.20    |        |
|                    |                                                                                              | 2º Ciclo            | 97.50  | 95.70   | 96.90    |        |
|                    |                                                                                              | 3º Ciclo            | 97.20  | 93.30   | 95.50    |        |
| 4.1.2(c)           | Proportion of students who completed the cycle within the expected time (%)                  | 0-100               | 57.64  | 61.27   | 80.72    |        |
|                    |                                                                                              | 1º Ciclo            | 88.33  | 86.61   | 90.89    |        |
|                    |                                                                                              | 2º Ciclo            | 91.28  | 93.24   | 95.26    |        |
|                    |                                                                                              | 3º Ciclo            | 86.79  | 84.60   | 89.81    |        |
|                    |                                                                                              | Curso gerais        | 76.36  | 74.73   | 76.59    |        |
|                    |                                                                                              | Curso profissionais | 32.14  | 51.50   | 69.53    |        |
| Target 4.2 (0-100) |                                                                                              |                     | 100.00 | 100.00  | 100.00   |        |
| 4.2.2              | Pre-school enrolment rate (%)                                                                | 0-100               | 100.00 | 100.00  | 100.00   |        |
|                    |                                                                                              | Total               | 113.00 | 101.90  | 98.30    |        |
|                    |                                                                                              | H                   | 113.90 | 101.70  | 98.80    |        |
|                    |                                                                                              | M                   | 112.10 | 102.10  | 97.80    |        |
| Target 4.3 (0-100) |                                                                                              |                     | 41.20  | 36.98   | 70.32    |        |
| 4.3.1              | Proportion of population aged 15-64 attending secondary and tertiary education by Sex (%)    | 0-100               | 55.38  | 38.91   | 69.62    |        |
|                    |                                                                                              | %                   | 4.56   | 4.90    | 6.23     |        |
| 4.3.2              | Proportion of the population aged 25-34 with at least complete tertiary education by Sex (%) | 0-100               | 4.56   | 4.90    | 6.23     |        |
|                    |                                                                                              | %                   | 27.02  | 35.05   | 71.01    |        |
| Target 4.6 (0-100) |                                                                                              |                     | 74.70  | 70.90   | 71.46    |        |
| 4.6.1              | Illiteracy rate by Sex (%)                                                                   | 0-100               | 74.70  | 70.90   | 71.46    |        |
|                    |                                                                                              | Total               | 2.73   | 3.14    | 3.08     |        |
|                    |                                                                                              | H                   | 2.32   | 2.65    | 2.10     |        |
|                    |                                                                                              | M                   | 3.13   | 3.59    | 3.96     |        |

|                    |                                                                                                                                                         |               |  | Lagoa  | Algarve | Portugal |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--|--------|---------|----------|
| Target 4.7 (0-100) |                                                                                                                                                         |               |  | 95.00  | 73.96   | 81.63    |
| 4.7.1              | Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%)                                       | 0-100         |  | 96.67  | 60.82   | 70.33    |
|                    |                                                                                                                                                         | % Candidatos  |  | 75.00  | 17.27   | 23.86    |
|                    |                                                                                                                                                         | % Galardoados |  | 93.33  | 87.10   | 92.94    |
| Target 4.c (0-100) |                                                                                                                                                         |               |  | 75.81  | 75.81   | 75.81    |
| 4.c.1(a)           | Proportion of teachers qualified in basic education (%)                                                                                                 | 0-100         |  | 100    | 100     | 100      |
|                    |                                                                                                                                                         | %             |  | 100    | 100     | 100      |
| 4.c.1(b)           | Percentage of teachers who participated in professional development activities in the last 12 months (%)                                                | 0-100         |  | 52     | 52      | 52       |
|                    |                                                                                                                                                         | %             |  | 88     | 88      | 88       |
| SDG 5 (0-100)      |                                                                                                                                                         |               |  | 69.98  | 68.96   | 73.46    |
| Target 5.1 (0-100) |                                                                                                                                                         |               |  | 80.86  | 80.02   | 71.20    |
| 5.1.1              | Existence of a Cooperation Protocol with the Commission for Citizenship and Gender Equality and/or a Municipal Plan for Equality and Non-Discrimination | 0-100         |  | 100    | 93.75   | 83.77    |
|                    |                                                                                                                                                         | Total         |  | 100    | 93.75   | 83.77    |
| 5.1.2              | Gender employment gap (%)                                                                                                                               | 0-100         |  | 74.57  | 76.30   | 72.34    |
|                    |                                                                                                                                                         | %             |  | 6.36   | 5.92    | 6.92     |
| 5.1.3              | Gender gap in average monthly earnings of the employed population (%)                                                                                   | 0-100         |  | 68.00  | 70.00   | 57.50    |
|                    |                                                                                                                                                         | %             |  | 6.40   | 6.00    | 8.50     |
| Target 5.2 (0-100) |                                                                                                                                                         |               |  | 53.45  | 28.46   | 54.32    |
| 5.2.1              | Estimated Proportion of victims in crimes registered as Domestic violence by the partner or similar (‰)                                                 | 0-100         |  | 61.98  | 55.26   | 60.34    |
|                    |                                                                                                                                                         | ‰             |  | 5.48   | 6.45    | 5.72     |
| 5.2.2              | Five-year rate of victims in crimes registered as Rape per 100,000 population aged 15 years and older                                                   | 0-100         |  | 44.91  | 1.65    | 48.30    |
|                    |                                                                                                                                                         | por 100 000   |  | 4.95   | 8.83    | 4.64     |
| Target 5.3 (0-100) |                                                                                                                                                         |               |  | 100    | 100     | 100      |
| 5.3.1              | Proportion of 16-19 year olds who married (‰)                                                                                                           | 0-100         |  | 100    | 100     | 100      |
|                    |                                                                                                                                                         | ‰             |  | 0.00   | 1.69    | 1.14     |
| Target 5.5 (0-100) |                                                                                                                                                         |               |  | 54.61  | 62.31   | 58.66    |
| 5.5.2(a)           | Proportion of women in management positions (%)                                                                                                         | 0-100         |  | 64.73  | 69.87   | 66.82    |
|                    |                                                                                                                                                         | %             |  | 35.89  | 37.95   | 36.73    |
| 5.5.2(b)           | Proportion of female employers (%)                                                                                                                      | 0-100         |  | 44.50  | 54.75   | 50.50    |
|                    |                                                                                                                                                         | %             |  | 27.80  | 31.90   | 30.20    |
| Target 5.6 (0-100) |                                                                                                                                                         |               |  | 80.01  | 84.28   | 91.64    |
| 5.6.1              | Five-year adolescent fertility rate (‰)                                                                                                                 | 0-100         |  | 80.01  | 84.28   | 91.64    |
|                    |                                                                                                                                                         | ‰             |  | 12.33  | 10.32   | 6.86     |
| Target 5.a (0-100) |                                                                                                                                                         |               |  | 50.94  | 58.70   | 64.92    |
| 5.a.1              | Proportion of women in total managers in agriculture by type of employment status (%)                                                                   | 0-100         |  | 21.88  | 37.41   | 49.84    |
|                    |                                                                                                                                                         | Empregador    |  | 12.50  | 22.48   | 24.49    |
|                    |                                                                                                                                                         | Conta própria |  | 9.38   | 14.93   | 25.35    |
| 5.a.2              | Degree to which the legal framework (including customary law) guarantees women's equal rights to land ownership and/or control                          | 0-100         |  | 100    | 100     | 100      |
|                    |                                                                                                                                                         | Total         |  | 100    | 100     | 100      |
| SDG 6 (0-100)      |                                                                                                                                                         |               |  | 69.93  | 63.79   | 80.68    |
| Target 6.1 (0-100) |                                                                                                                                                         |               |  | 100.00 | 100.00  | 100.00   |
| 6.1.1              | Safe water (%)                                                                                                                                          | 0-100         |  | 100.00 | 100.00  | 100.00   |
|                    |                                                                                                                                                         | %             |  | 99.33  | 99.40   | 98.97    |
| Target 6.2 (0-100) |                                                                                                                                                         |               |  | 100.00 | 69.15   | 100.00   |
| 6.2.1              | Accessibility of the wastewater sanitation service (%)                                                                                                  | 0-100         |  | 100.00 | 69.15   | 100.00   |
|                    |                                                                                                                                                         | %             |  | 96.00  | 80.37   | 85.92    |
| Target 6.3 (0-100) |                                                                                                                                                         |               |  | 79.72  | 82.63   | 80.22    |
| 6.3.1(a)           | Proportion of collected wastewater treated (%)                                                                                                          | 0-100         |  | 100.00 | 100.00  | 100.00   |
|                    |                                                                                                                                                         | %             |  | 100.00 | 100.19  | 100.47   |
| 6.3.1(b)           | Accessibility to wastewater treatment services (%)                                                                                                      |               |  | 100.00 | 98.45   | 67.64    |
|                    |                                                                                                                                                         |               |  | 100.00 | 99.92   | 98.38    |
| 6.3.2(a)           | Proportion of water bodies with good environmental quality (%)                                                                                          | 0-100         |  | 33.30  | 63.20   | 46.60    |
|                    |                                                                                                                                                         | %             |  | 33.30  | 63.20   | 46.60    |
| 6.3.2(b)           | Bathing water with excellent quality (%)                                                                                                                | 0-100         |  | 80.00  | 90.74   | 79.47    |
|                    |                                                                                                                                                         | %             |  | 90.00  | 95.37   | 89.74    |
| 6.3.3              | Nitrate in groundwater (mg NO3/litre)                                                                                                                   | 0-100         |  | 82.52  | 71.71   | 93.79    |
|                    |                                                                                                                                                         | mg NO3/litro  |  | 29.37  | 32.07   | 26.55    |
| Target 6.4 (0-100) |                                                                                                                                                         |               |  | 0.00   | 3.38    | 42.52    |
| 6.4.1              | Domestic water distributed per inhabitant (m3/inhab.)                                                                                                   | 0-100         |  | 0.00   | 6.76    | 85.04    |
|                    |                                                                                                                                                         | m3/hab        |  | 101.01 | 58.12   | 39.97    |

Anexo 2 - Resultados completos por níveis de comparação

|                    |                                                                                                                                                                |                                                        | Lagoa                     | Algarve                    | Portugal                       |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------|----------------------------|--------------------------------|
| 6.4.2              | Real water losses [m3/(km.day)] or [l/(branch.day)]                                                                                                            | 0-100<br>[m3/(km.dia)] ou<br>[l/(ramal.dia)]           | 0.00                      | 0.00                       | 0.00                           |
|                    |                                                                                                                                                                |                                                        | 296.00                    | 202.57                     | 157.52                         |
| SDG 7 (0-100)      |                                                                                                                                                                |                                                        | 77.87                     | 76.46                      | 78.33                          |
| Target 7.1 (0-100) |                                                                                                                                                                |                                                        | 87.27                     | 85.33                      | 82.63                          |
| 7.1.1              | Proportion of population with access to electricity (%)                                                                                                        | 0-100<br>%                                             | 100<br>100                | 100<br>100                 | 100<br>100                     |
| 7.1.2              | Proportion of population with primary reliance on clean fuels and technology (%)                                                                               | 0-100<br>%                                             | 100<br>95                 | 100<br>95                  | 100<br>95                      |
| 7.1.3              | Proportion of beneficiaries of the Social Energy and Natural Gas Tariff compared to the resident population (%)                                                | 0-100<br>%                                             | 61.81<br>6.48             | 56.00<br>6.98              | 47.89<br>7.67                  |
| Target 7.2 (0-100) |                                                                                                                                                                |                                                        | 76.83                     | 76.83                      | 76.83                          |
| 7.2.1(a)           | Share of renewable energy in gross final energy consumption (%)                                                                                                | 0-100<br>%                                             | 61.54<br>34.00            | 61.54<br>34.00             | 61.54<br>34.00                 |
| 7.2.1(b)           | Share of production by renewable energy source in total energy production (%)                                                                                  | 0-100<br>%                                             | 92.11<br>54.00            | 92.11<br>54.00             | 92.11<br>54.00                 |
| Target 7.3 (0-100) |                                                                                                                                                                |                                                        | 69.51                     | 67.21                      | 75.54                          |
| 7.3.1              | Signatory to the Covenant of Mayors for Climate and Energy                                                                                                     | 0-100<br>Total                                         | 66.67<br>66.67            | 30.02<br>30.02             | 58.25<br>58.25                 |
| 7.3.2              | Domestic electricity consumption per capita (kWh/per capita)                                                                                                   | 0-100<br>kWh/ hab                                      | 44.65<br>2655.8           | 63.53<br>2070.5            | 86.43<br>1360.6                |
| 7.3.3              | Electricity consumption for street lighting and interior lighting of State buildings (MWh)                                                                     | 0-100<br>kWh                                           | 100.00<br>8898.9          | 100.00<br>135672.7         | 100.00<br>2497369.3            |
| 7.3.4              | Proportion of buildings with energy certification in classes A to C relative to the total number of buildings with energy certification issued in the year (%) | 0-100<br>%                                             | 66.73<br>65.99            | 75.30<br>69.06             | 57.46<br>62.68                 |
| SDG 8 (0-100)      |                                                                                                                                                                |                                                        | 65.17                     | 64.59                      | 60.76                          |
| Target 8.1 (0-100) |                                                                                                                                                                |                                                        | 47.09                     | 56.07                      | 58.16                          |
| 8.1.1              | Average annual growth rate of GDP per capita                                                                                                                   | 0-100<br>%                                             | 61.50<br>1.22             | 61.50<br>1.22              | 67.30<br>1.62                  |
| 8.1.2              | Purchasing power index per capita                                                                                                                              | 0-100<br>Total                                         | 32.69<br>72.27            | 50.64<br>79.66             | 49.03<br>79.00                 |
| Target 8.3 (0-100) |                                                                                                                                                                |                                                        | 47.09                     | 37.31                      | 38.20                          |
| 8.3.1              | Survival rate of companies born 2 years earlier (%)                                                                                                            | 0-100<br>Total                                         | 47.09<br>59.73            | 37.31<br>56.98             | 38.20<br>57.23                 |
| Target 8.5 (0-100) |                                                                                                                                                                |                                                        | 56.51                     | 59.43                      | 71.09                          |
| 8.5.1(a)           | Average monthly earning (€)                                                                                                                                    | 0-100<br>€                                             | 66.51<br>1113.20          | 65.48<br>1106.30           | 92.67<br>1289.50               |
| 8.5.1(b)           | Gender gap in average monthly earnings of the employed population (%)                                                                                          | 0-100<br>%                                             | 68.00<br>6.40             | 70.00<br>6.00              | 57.50<br>8.50                  |
| 8.5.2(a)           | Estimated unemployment rate (%)                                                                                                                                | 0-100<br>%                                             | 100.00<br>5.81            | 100.00<br>5.70             | 100.00<br>6.00                 |
| 8.5.2(b)           | Proportion of the population registered as long-term unemployed (%)                                                                                            | 0-100<br>%                                             | 73.38<br>2.06             | 79.53<br>1.82              | 71.51<br>2.14                  |
| 8.5.3(a)           | Proportion of employed population that changed companies in relation to total employment (%)                                                                   | 0-100<br>%                                             | 31.17<br>14.00            | 41.56<br>12.40             | 53.25<br>10.60                 |
| 8.5.3(b)           | Proportion of employees with permanent employment contracts (%)                                                                                                | 0-100<br>%                                             | 0.00<br>47.86             | 0.00<br>53.71              | 51.58<br>68.59                 |
| Target 8.6 (0-100) |                                                                                                                                                                |                                                        | 94.52                     | 94.65                      | 97.69                          |
| 8.6.1              | Proportion of young people (15-24 years) registered as unemployed (%)                                                                                          | 0-100<br>%                                             | 94.52<br>3.16             | 94.65<br>3.16              | 97.69<br>2.95                  |
| Target 8.8 (0-100) |                                                                                                                                                                |                                                        | 83.97                     | 74.84                      | 81.22                          |
| 8.8.1              | Proportion of accidents at work declared by employees by type of accident (%)                                                                                  | 0-100<br>Total (%)<br>Não mortais (Nº)<br>Mortais (Nº) | 83.97<br>3.60<br>382<br>0 | 74.84<br>4.20<br>8236<br>5 | 81.22<br>3.78<br>155917<br>131 |
| Target 8.9 (0-100) |                                                                                                                                                                |                                                        | 27.00                     | 42.57                      | 25.60                          |
| 8.9.1(a)           | Share of tourism sector GVA in total GVA (%)                                                                                                                   | 0-100<br>%                                             | 100.00<br>29.02           | 100.00<br>21.39            | 63.52<br>4.24                  |
| 8.9.1(b)           | Average annual growth rate of GVA generated by tourism                                                                                                         | 0-100<br>%                                             | 0.00<br>-3.39             | 0.00<br>-7.29              | 0.00<br>-6.81                  |



|                     |                                                                                             |            | Lagoa    | Algarve  | Portugal |
|---------------------|---------------------------------------------------------------------------------------------|------------|----------|----------|----------|
| 8.9.2               | Proportion of tourist establishments with environmental certification (%)                   | 0-100      | 4.00     | 7.79     | 7.40     |
|                     |                                                                                             | %          | 2.00     | 3.89     | 3.70     |
| 8.9.3               | Rewarded by sustainable tourism awards                                                      | 0-100      | /        | 62.50    | 31.49    |
|                     |                                                                                             | Total      | 0        | 62.50    | 31.49    |
| Target 8.10 (0-100) |                                                                                             |            | 100.00   | 87.23    | 53.39    |
| 8.10.1(a)           | Other monetary intermediation establishments per 10 000 inhabitants                         | 0-100      | 100.00   | 74.47    | 57.45    |
|                     |                                                                                             | por 10 000 | 6.00     | 4.60     | 3.80     |
| 8.10.1(b)           | Automated teller machines per 10 000 inhabitant                                             | 0-100      | 100.00   | 100.00   | 49.33    |
|                     |                                                                                             | por 10 000 | 20.60    | 19.40    | 11.80    |
| SDG 9 (0-100)       |                                                                                             |            | 62.24    | 63.69    | 75.33    |
| Target 9.2 (0-100)  |                                                                                             |            | 32.60    | 30.60    | 61.15    |
| 9.2.1               | Manufacturing value added per capita (€)                                                    | 0-100      | 32.60    | 30.60    | 61.15    |
|                     |                                                                                             | €          | 20162.53 | 19180.10 | 34186.07 |
| 9.2.2               | Personnel employed in the manufacturing industry as a percentage of the total (%)           | %          | 3.64     | 3.43     | 17.16    |
| Target 9.4 (0-100)  |                                                                                             |            | 91.87    | 96.77    | 89.51    |
| 9.4.1               | CO2 emissions per unit of GVA of companies in the municipality (kg CO2/€)                   | 0-100      | 100.00   | 93.54    | 87.46    |
|                     |                                                                                             | Kg CO2/€   | 0.26     | 0.36     | 0.46     |
| 9.4.2               | CO2 emissions per municipality (t/km²)                                                      | 0-100      | 83.74    | 100.00   | 91.55    |
|                     |                                                                                             | t/km²      | 743.20   | 254.14   | 522.10   |
| SDG 10 (0-100)      |                                                                                             |            | 66.83    | 59.89    | 55.96    |
| Target 10.1 (0-100) |                                                                                             |            | 41.02    | 46.74    | 51.92    |
| 10.1.1              | Purchasing power index per capita                                                           | 0-100      | 32.69    | 50.64    | 49.03    |
|                     |                                                                                             | Total      | 72.27    | 79.66    | 79.00    |
| 10.1.2              | Gini coefficient of gross monetary of tax household income (%)                              |            | 35.06    | 34.26    | 35.46    |
|                     |                                                                                             |            | 41.20    | 41.40    | 41.10    |
| 10.1.3              | Ratio between average disposable income of top and bottom quintiles                         |            | 55.32    | 55.32    | 71.28    |
|                     |                                                                                             |            | 3.40     | 3.40     | 3.10     |
| Target 10.2 (0-100) |                                                                                             |            | 59.48    | 64.18    | 61.57    |
| 10.2.1              | Proportion of RSI beneficiaries in the working-age resident population (%)                  | 0-100      | 18.96    | 28.35    | 23.13    |
|                     |                                                                                             | %          | 29.81    | 27.37    | 29.44    |
| 10.2.2              | Existence of municipal plans and structures for immigrant integration                       | 0-100      | 100.00   | 100.00   | 100.00   |
|                     |                                                                                             | %          | 20.00    | 41.28    | 36.85    |
| Target 10.7 (0-100) |                                                                                             |            | 100.00   | 68.75    | 54.39    |
| 10.7.2              | Existence of an accessible beach for people with reduced mobility                           | 0-100      | 100.00   | 68.75    | 54.39    |
|                     |                                                                                             | Total      | 1        | 68.75    | 54.39    |
| SDG 11 (0-100)      |                                                                                             |            | 47.93    | 45.40    | 30.99    |
| Target 11.1 (0-100) |                                                                                             |            | 46.80    | 47.14    | 52.00    |
| 11.1.1              | Proportion of resident population living in non-conventional dwellings (‰)                  | 0-100      | 93.60    | 94.27    | 98.87    |
|                     |                                                                                             | ‰          | 3.67     | 3.33     | 1.06     |
| 11.1.2              | Weight of median rent of new rental contracts in median disposable income per tax household | 0-100      | 0.00     | 0.00     | 5.12     |
|                     |                                                                                             | %          | 71.70    | 76.68    | 63.05    |
| Target 11.2 (0-100) |                                                                                             |            | 64.90    | 0.00     | 0.00     |
| 11.2.1              | Greenhouse gas emissions from the road transport sector                                     | 0-100      | 64.90    | 0.00     | 0.00     |
|                     |                                                                                             | Total      | 276.4    | 2212.2   | 78771.0  |
| Target 11.3 (0-100) |                                                                                             |            | 53.18    | 50.80    | 50.91    |
| 11.3.1(a)           | Greenhouse gas emissions from the road transport sector                                     | 0-100      | 84.51    | 77.24    | 84.19    |
|                     |                                                                                             | Total      | -4.90    | -7.20    | -5.00    |
| 11.3.1(b)           | Artificialized territories (m²) per capita                                                  | 0-100      | 75.03    | 58.59    | 58.79    |
|                     |                                                                                             | m²/hab     | 849.10   | 600.40   | 460.85   |
| 11.3.2              | Completed reconstructions per 100 completed new constructions (No.)                         | 0-100      | 0.00     | 16.57    | 9.76     |
|                     |                                                                                             | Nº         | 0.00     | 5.03     | 2.97     |
| Target 11.4 (0-100) |                                                                                             |            | 38.68    | 83.32    | 28.27    |
| 11.4.1              | Expenditure on cultural heritage and protection of biodiversity and landscape per capita    | 0-100      | 38.68    | 83.32    | 28.27    |
|                     |                                                                                             | €/hab      | 33.39    | 58.88    | 27.44    |
| Target 11.6 (0-100) |                                                                                             |            | 36.11    | 45.75    | 23.80    |
| 11.6.1(a)           | Municipal waste collected per inhabitant (kg/inhab.)                                        | 0-100      | 59.71    | 77.75    | 2.59     |
|                     |                                                                                             | kg/hab     | 1047     | 818      | 512      |
| 11.6.1(b)           | Proportion of municipal waste prepared for reuse and recycling (%)                          | 0-100      | 12.50    | 13.75    | 45.00    |
|                     |                                                                                             | %          | 25.00    | 25.50    | 38.00    |

|                     |                                                                                                                   |                 | Lagoa  | Algarve | Portugal |
|---------------------|-------------------------------------------------------------------------------------------------------------------|-----------------|--------|---------|----------|
| SDG 12 (0-100)      |                                                                                                                   |                 | 30.24  | 64.78   | 47.90    |
| Target 12.4 (0-100) |                                                                                                                   |                 | /      | 92.70   | 58.80    |
| 12.4.2              | Proportion of sectorial waste recovered by type of waste (%)                                                      | 0-100           | /      | 92.70   | 58.80    |
|                     |                                                                                                                   | Perigosos       | /      | 84.98   | 47.30    |
|                     |                                                                                                                   | Não perigosos   | /      | 96      | 90       |
| Target 12.5 (0-100) |                                                                                                                   |                 | 30.24  | 36.85   | 37.01    |
| 12.5.1(a)           | Biodegradable urban waste landfilled (%)                                                                          | 0-100           | 22.56  | 18.11   | 56.11    |
|                     |                                                                                                                   | %               | 79.70  | 83.70   | 49.50    |
| 12.5.1(b)           | Proportion of municipal waste prepared for reuse and recycling (%)                                                | 0-100           | 12.50  | 13.75   | 45.00    |
|                     |                                                                                                                   | %               | 25.00  | 25.50   | 38.00    |
| 12.5.2              | Urban waste collected per inhabitant (kg/inhab)                                                                   | 0-100           | 59.71  | 77.75   | 2.59     |
|                     |                                                                                                                   | kg/hab          | 1047   | 818     | 512      |
| 12.5.3              | Accessibility of selective collection service (%)                                                                 | 0-100           | 26.20  | 37.79   | 44.34    |
|                     |                                                                                                                   | %               | 63.10  | 68.90   | 66.60    |
| SDG 13 (0-100)      |                                                                                                                   |                 | 60.81  | 62.19   | 55.17    |
| Target 13.1 (0-100) |                                                                                                                   |                 | 99.87  | 77.00   | 86.13    |
| 13.1.1              | Mean burned area (há)                                                                                             | 0-100           | 99.73  | 53.99   | 82.33    |
|                     |                                                                                                                   | Total           | 0.1    | 18.3    | 7.0      |
| 13.1.3              | Municipal participation in networks of municipalities for Climate Change Adaptation                               | 0-100           | 100.00 | 100.00  | 89.94    |
|                     |                                                                                                                   | Total           | 1      | 100%    | 90%      |
| Target 13.2 (0-100) |                                                                                                                   |                 | 60.20  | 46.03   | 42.36    |
| 13.2.1              | Signatory to the Covenant of Mayors for Climate and Energy                                                        | 0-100           | 66.67  | 30.02   | 58.25    |
|                     |                                                                                                                   | Total           | 66.67  | 30.02   | 58.25    |
| 13.2.2(a)           | Tons of greenhouse gases emitted                                                                                  | 0-100           | 71.84  | 54.74   | 52.43    |
|                     |                                                                                                                   | Total           | 54302  | 1710947 | 60765917 |
| 13.2.2(b)           | Greenhouse gas emissions per capita                                                                               | 0-100           | 42.11  | 53.35   | 16.39    |
|                     |                                                                                                                   | Total           | 4.89   | 4.33    | 6.18     |
| Target 13.3 (0-100) |                                                                                                                   |                 | 57.22  | 59.42   | 57.87    |
| 13.3.1(a)           | Participation in the ECOXXI and Eco-escolas projects                                                              | 0-100           | 75.00  | 56.25   | 55.84    |
|                     |                                                                                                                   | Total           | 75.00  | 56.25   | 55.84    |
| 13.3.1(b)           | Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%) | 0-100           | 96.67  | 60.82   | 70.33    |
|                     |                                                                                                                   | % Candidatos    | 75.00  | 17.27   | 23.86    |
|                     |                                                                                                                   | % Galardoados   | 93.33  | 87.10   | 92.94    |
| 13.3.1(c)           | Proportion of civil parishes that applied for the Eco-parishes project and received the Green Flag (%)            | 0-100           | 0.00   | 61.18   | 47.44    |
|                     |                                                                                                                   | % Candidatos    | 0.00   | 5.97    | 5.72     |
|                     |                                                                                                                   | % Galardoados   | /      | 100.00  | 73.45    |
| Target 13.a (0-100) |                                                                                                                   |                 | 25.95  | 66.32   | 34.31    |
| 13.a.1              | Proportion of municipal expenditures in the environmental area (%)                                                | 0-100           | 25.95  | 66.32   | 34.31    |
|                     |                                                                                                                   | %               | 1.63   | 3.59    | 2.04     |
| SDG 14 (0-100)      |                                                                                                                   |                 | 51.46  | 62.45   | 48.34    |
| Target 14.1 (0-100) |                                                                                                                   |                 | 91.30  | 94.37   | 68.63    |
| 14.1.1              | Proportion of groundwater with nutrients within the Maximum Recommended Value by nutrient type (%)                | 0-100           | 93.90  | 92.44   | 49.91    |
|                     |                                                                                                                   | Azoto amoniacal | 87.80  | 91.23   | 46.92    |
|                     |                                                                                                                   | Fósforo         | 100.00 | 93.65   | 52.90    |
| 14.1.2              | Bathing water with excellent quality (%)                                                                          | 0-100           | 80.00  | 90.74   | 79.47    |
|                     |                                                                                                                   | %               | 90.00  | 95.37   | 89.74    |
| 14.1.3(a)           | Accessibility of the wastewater sanitation service (%)                                                            | 0-100           | 100.00 | 100.00  | 100.00   |
|                     |                                                                                                                   | %               | 100.00 | 100.19  | 100.47   |
| 14.1.3(b)           | Proportion of collected wastewater treated (%)                                                                    | 0-100           | 100.00 | 99.84   | 53.00    |
|                     |                                                                                                                   | %               | 100.00 | 99.92   | 97.65    |
| Target 14.2 (0-100) |                                                                                                                   |                 | 33.30  | 63.20   | 46.60    |
| 14.2.1              | Proportion of water bodies with good environmental quality (%)                                                    | 0-100           | 33.30  | 63.20   | 46.60    |
|                     |                                                                                                                   | %               | 33.30  | 63.20   | 46.60    |
| Target 14.5 (0-100) |                                                                                                                   |                 | 29.79  | 29.79   | 29.79    |
| 14.5.1              | Proportion of the extended continental shelf covered by Marine Protected Areas (%)                                | 0-100           | 29.79  | 29.79   | 29.79    |
|                     |                                                                                                                   | %               | 8.94   | 8.94    | 8.94     |
| SDG 15 (0-100)      |                                                                                                                   |                 | 68.96  | 51.38   | 60.68    |
| Target 15.1 (0-100) |                                                                                                                   |                 | 41.26  | 35.86   | 46.89    |
| 15.1.1              | Proportion of forest area (%)                                                                                     | %               | 4.50   | 21.26   | 29.00    |

|                     |                                                                                                                                                               |                | Lagoa  | Algarve | Portugal |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|---------|----------|
| 15.1.2              | Ratio between areas belonging to the Natura 2000 Network and protected areas                                                                                  | 0-100          | 0.00   | 0.00    | 0.00     |
|                     |                                                                                                                                                               | Total          | 0.00   | 0.26    | 0.44     |
| 15.1.3              | Nitrate in groundwater (mg NO3/litre)                                                                                                                         | 0-100          | 82.52  | 71.71   | 93.79    |
|                     |                                                                                                                                                               | mg NO3/litre   | 29.37  | 32.07   | 26.55    |
| Target 15.2 (0-100) |                                                                                                                                                               |                | 90.58  | 59.71   | 76.35    |
| 15.2.1              | Variation in forest area (%)                                                                                                                                  | 0-100          | 81.44  | 65.42   | 70.37    |
|                     |                                                                                                                                                               | %              | -2.15  | -4.01   | -3.44    |
| 15.2.2              | Mean burned area (há)                                                                                                                                         | 0-100          | 99.73  | 53.99   | 82.33    |
|                     |                                                                                                                                                               | %              | 0.11   | 18.30   | 7.03     |
| Target 15.3 (0-100) |                                                                                                                                                               |                | 75.03  | 58.59   | 58.79    |
| 15.3.1              | Artificial land (m2) per capita                                                                                                                               | 0-100          | 75.03  | 58.59   | 58.79    |
|                     |                                                                                                                                                               | m2/hab         | 849.10 | 600.40  | 460.85   |
| SDG 16 (0-100)      |                                                                                                                                                               |                | 62.26  | 61.61   | 71.37    |
| Target 16.1 (0-100) |                                                                                                                                                               |                | 48.96  | 50.45   | 66.93    |
| 16.1.1              | Five-year rate of intentional homicide per 100,000 population                                                                                                 | 0-100          | 58.77  | 65.04   | 77.36    |
|                     |                                                                                                                                                               | por 100 000    | 1.65   | 1.40    | 0.91     |
| 16.1.3              | Proportion of crimes related to physical, psychological or sexual violence by life cycle (%)                                                                  | 0-100          | 39.15  | 35.86   | 56.50    |
|                     |                                                                                                                                                               | Total          | 7.13   | 7.49    | 5.24     |
|                     |                                                                                                                                                               | sobre adultos  | 6.78   | 6.56    | 4.65     |
|                     |                                                                                                                                                               | sobre crianças | 7.65   | 7.31    | 5.13     |
| Target 16.2 (0-100) |                                                                                                                                                               |                | 16.12  | 12.32   | 32.86    |
| 16.2.1              | Incidence rate of children and young people (under 18 years of age) accompanied by the Commissions for the Protection of Children and Young People (CPCJ) (%) | 0-100          | 16.12  | 12.32   | 32.86    |
|                     |                                                                                                                                                               | %              | 5.34   | 5.58    | 4.27     |
| Target 16.3 (0-100) |                                                                                                                                                               |                | 68.15  | 68.15   | 73.22    |
| 16.3.1              | Average duration of completed cases (months) in the 1st instance judicial courts by procedural area                                                           | 0-100          | 61.50  | 61.50   | 71.64    |
|                     |                                                                                                                                                               | Total          | 23.37  | 23      | 22       |
|                     |                                                                                                                                                               | Civeis         | 31     | 31      | 30       |
|                     |                                                                                                                                                               | Penais         | 11     | 11      | 8        |
|                     |                                                                                                                                                               | Laboral        | 7      | 7       | 7        |
|                     |                                                                                                                                                               | Laboral Penal  | 11     | 11      | 9        |
|                     |                                                                                                                                                               | Tutelar        | 3      | 3       | 5        |
| 16.3.2              | Proportion of pre-trial detainees present at 31st December in general prison establishments (%)                                                               | 0-100          | 81.76  | 81.76   | 81.76    |
|                     |                                                                                                                                                               | %              | 17.10  | 17.10   | 17.10    |
| Target 16.7 (0-100) |                                                                                                                                                               |                | 78.06  | 77.12   | 83.84    |
| 16.7.1              | Distribution of public offices in municipalities by gender                                                                                                    | 0-100          | 92.41  | 100.00  | 100.00   |
|                     |                                                                                                                                                               | H              | 51.86  | 39.50   | 43.31    |
|                     |                                                                                                                                                               | M              | 48.14  | 60.50   | 56.69    |
| 16.7.2(a)           | White and null votes rate (%)                                                                                                                                 | 0-100          | 89.04  | 83.95   | 81.62    |
|                     |                                                                                                                                                               | %              | 3.28   | 3.83    | 4.09     |
| 16.7.2(b)           | Abstention rate in municipal elections (%)                                                                                                                    | 0-100          | 38.38  | 24.51   | 53.75    |
|                     |                                                                                                                                                               | %              | 50.50  | 54.20   | 46.40    |
| Target 16.9 (0-100) |                                                                                                                                                               |                | 100.00 | 100.00  | 100.00   |
| 16.9.1              | Proportion of children under 5 with birth registration at a civil registry authority (%)                                                                      | 0-100          | 100.00 | 100.00  | 100.00   |
|                     |                                                                                                                                                               | %              | 100.00 | 100.00  | 100.00   |
| SDG 17 (0-100)      |                                                                                                                                                               |                | 59.02  | 54.00   | 55.45    |
| Target 17.1 (0-100) |                                                                                                                                                               |                | 75.06  | 58.96   | 54.73    |
| 17.1.1              | Proportion of tax revenues in the total revenue of municipalities (%)                                                                                         | 0-100          | 77.99  | 77.79   | 51.00    |
|                     |                                                                                                                                                               | %              | 55.20  | 55.10   | 41.70    |
| 17.1.2              | Proportion of municipalities' real expenditures financed by total municipal tax revenues (%)                                                                  | 0-100          | 50.33  | 52.67   | 36.66    |
|                     |                                                                                                                                                               | %              | 52.64  | 54.30   | 42.91    |
| 17.1.3              | Local government debt per inhabitant (€/ inhab.)                                                                                                              | 0-100          | 96.88  | 46.42   | 76.55    |
|                     |                                                                                                                                                               | €/ hab         | 50     | 857     | 375      |
| Target 17.8 (0-100) |                                                                                                                                                               |                | 93.75  | 89.06   | 84.38    |
| 17.8.1              | Average number of students enrolled in non-tertiary education per computer with Internet connection and level of education (Nº)                               | 0-100          | 93.75  | 89.06   | 84.38    |
|                     |                                                                                                                                                               | Total          | 1.40   | 1.70    | 2.00     |
|                     |                                                                                                                                                               | 1º Ciclo       | 1.30   | 1.60    | 1.90     |
|                     |                                                                                                                                                               | 2º Ciclo       | 1.40   | 1.50    | 1.80     |
|                     |                                                                                                                                                               | 3º Ciclo       | 1.40   | 1.70    | 1.90     |
|                     |                                                                                                                                                               | Secundário     | 1.50   | 2.10    | 2.30     |

|                      |                                                                                                                               |               | Lagoa | Algarve | Portugal |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------|-------|---------|----------|
| Target 17.16 (0-100) |                                                                                                                               |               | 67.25 | 61.02   | 65.49    |
| 17.16.1(a)           | Participation in partnerships for sustainable development                                                                     | 0-100         | 90.00 | 71.21   | 80.50    |
|                      |                                                                                                                               | Total         | 4     | 71.21   | 80.50    |
| 17.16.1(b)           | Proportion of Sustainable Development Goals covered by intermunicipal partnerships in which the Municipality participates (%) | 0-100         | 82.35 | 50.87   | 63.67    |
|                      |                                                                                                                               | %             | 82.35 | 50.87   | 63.67    |
| 17.16.2(a)           | Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%)             | 0-100         | 96.67 | 60.82   | 70.33    |
|                      |                                                                                                                               | % Candidatos  | 80.00 | 61.71   | 78.10    |
|                      |                                                                                                                               | % Galardoados | 3.00  | 1.16    | 0.00     |
|                      |                                                                                                                               |               |       |         |          |
| 17.16.2(b)           | Proportion of civil parishes that applied for the Eco-parishes project and received the Green Flag (%)                        | 0-100         |       | 61.18   | 47.44    |
|                      |                                                                                                                               | % Candidatos  | 0.00  | 5.97    | 5.72     |
|                      |                                                                                                                               | % Galardoados | /     | 100.00  | 73.45    |
|                      |                                                                                                                               |               |       |         |          |
| Extra17 (0-100)      |                                                                                                                               |               | 0.00  | 6.97    | 17.20    |
| Extra.17.a           | Ratio of environmental taxes to labour taxes                                                                                  | 0-100         | 0.00  | 6.97    | 17.20    |
|                      |                                                                                                                               | Total         | 0.00  | 0.07    | 0.17     |

## Annex 3 - Meta-information on ISM 2023 indicators

| SDG | Indicators                              |                                                                                                                                                                            | Year of ISM entry | Geographic scope | Best value | Upper Limit Green (100) | Lower Limit Red (0) | Lowest value | Source of the limit values | Type  |
|-----|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|------------|-------------------------|---------------------|--------------|----------------------------|-------|
| 1   | 1.2.1                                   | Proportion of RSI beneficiaries in the working-age resident population (‰)                                                                                                 | 2018              | Municipal        | 4.7        | Half the value of 2015  | 2015 value          | 180.6        | UN                         | A2    |
|     | 1.2.2                                   | Proportion of children and young people benefiting from Social Security family allowance (%)                                                                               | 2021              | Municipal        | 33.3       | Half the value of 2015  | 2015 value          | 69.8         | UN                         | A2    |
|     | 1.2.3                                   | Average disposable income per day of the first quintile, per tax household (€)                                                                                             | 2022              | Municipal        | 25.2       | 20.81                   | 14.6                | 12.3         | OECD                       | B1    |
|     | 1.4.1(a)                                | Proportion of resident population living in non-conventional dwellings (‰)                                                                                                 | 2018              | Municipal        | 0.0        | 0.5                     | 50                  | 82.6         | CESOP                      | A1    |
|     | 1.4.1(b)                                | Weight of median rent of new rental contracts in median disposable income per tax household                                                                                | 2022              | Municipal        | 26.0       | 32.68600503             | 64.7                | 94.6         | CESOP                      | C2    |
|     | 1.b.1(a)                                | Current expenditure for families and IPSSs in total expenditure (%)                                                                                                        | 2018              | Municipal        | 21.7       | 9.75                    | 0                   | 1.2          | CESOP                      | C2    |
|     | 1.b.1(b)                                | Current expenditure for families and IPSSs per capita (€)                                                                                                                  | 2018              | Municipal        | 543.3      | 91.1                    | 2.3                 | 7.2          | CESOP                      | C2    |
| 2   | 2.2.2                                   | Proportion of resident population with 18 and more years old with obesity, by sex                                                                                          | 2018              | NUTS II          | 13.6       | 0                       | 25                  | 22.8         | OECD   SDG Index           | A1/B1 |
|     | 2.4.1                                   | Proportion of organic farmers (%)                                                                                                                                          | 2018              | Municipal        | 78.8       | 16.1                    | 0                   | 0.0          | Eurostat                   | B1    |
|     | 2.4.2                                   | Nitrate in groundwater (mg NO3/litre)                                                                                                                                      | 2019              | Municipal        | 0.9        | 25                      | 50                  | 238.4        | ESDR                       | B1    |
| 3   | 3.1.1                                   | Deaths from complications of pregnancy, childbirth and puerperium (N°)                                                                                                     | 2018              | Municipal        | 0.0        | 70 per 100000           | 140 per 100000      | 1.0          | UN   SDG Index             | A1    |
|     | 3.1.2                                   | Proportion of births (live births) attended by skilled health personnel (%)                                                                                                | 2018              | Municipal        | 100.0      | 100                     | -                   | 80.0         | OECD                       | B1    |
|     | 3.2.1                                   | Five-year mortality rate of children aged 0-4 years per 1,000 live births (‰)                                                                                              | 2018              | Municipal        | 0.0        | 25                      | 50.0                | 20.8         | UN   SDG Index             | A1    |
|     | 3.2.2                                   | Five-year neonatal mortality rate (‰)                                                                                                                                      | 2018              | Municipal        | 0.0        | 12                      | 18                  | 104.2        | UN   SDG Index             | A1    |
|     | 3.3.1                                   | Five-year rate of new HIV infections per 1,000 population                                                                                                                  | 2018              | Municipal        | 0.0        | 0                       | 1                   | 0.4          | OECD   ESDR                | A1/B1 |
|     | 3.3.2                                   | Five-year mortality rate due to Tuberculosis, HIV, and Viral Hepatitis per 100,000 population                                                                              | 2019              | Municipal        | 0.0        | 0                       | 14.7                | 27.9         | CESOP                      | A1    |
|     | 3.4.1                                   | Mortality rate (30 to 70 years) due to diseases of the circulatory system, malignant neoplasms, diabetes mellitus and chronic respiratory diseases per 100 000 inhabitants | 2018              | Municipal        | 0.0        | 400                     | 900                 | 670.3        | WHO                        | B1    |
|     | 3.4.2                                   | Five-year mortality rate due to intentional self-harm (suicide) per 100,000 inhabitants, by Sex                                                                            | 2018              | Municipal        | 0.0        | 0                       | 22                  | 58.4         | OECD   ESDR                | B1    |
|     | 3.4.3                                   | Proportion of resident population with 18 and more years old with obesity, by sex (%)                                                                                      | 2019              | NUTS II          | 13.6       | 0                       | 25.0                | 22.8         | OECD   SDG Index           | B1    |
|     | 3.4.4                                   | Proportion of accidents at work declared by employees by type of accident (%)                                                                                              | 2019              | Municipal        | 0.6        | 2.5                     | 9.2                 | 14.1         | CESOP                      | C2    |
|     | 3.5.1                                   | Rates of registered users with drug-related problems in the 15-74 age group (‰)                                                                                            | 2018              | Municipal        | 0.0        | 0.5                     | 10.0                | 5.1          | CESOP                      | A1    |
|     | 3.5.2                                   | Rates of registered users with alcohol-related problems in the 15-74 age group (‰)                                                                                         | 2018              | Municipal        | 0.0        | 0.5                     | 10                  | 13.1         | CESOP                      | A1    |
|     | 3.6.1                                   | Five-year mortality rate due to road accidents per 100 000 inhabitants                                                                                                     | 2021              | Municipal        | 0.0        | Half the value of 2016  | 2016 value          | 69.4         | OECD                       | B1    |
|     | 3.7.2                                   | Five-year adolescent fertility rate (‰)                                                                                                                                    | 2018              | Municipal        | 0.0        | 2.92                    | 50                  | 49.6         | CESOP   SDG Index          | C1    |
|     | 3.9.1                                   | Mortality rate attributed to household and ambient air pollution per 100 000 inhabitants                                                                                   | 2018              | National         | 10.0       | 0                       | 82                  | 10.0         | OECD   ESDR                | B1    |
|     | 3.9.3                                   | Accidental poisoning (intoxication) by drugs, medicines or biological substances (N°)                                                                                      | 2018              | Municipal        | 0.0        | 0                       | -                   | 10.0         | OECD                       | B1    |
|     | Health worker density by speciality (‰) |                                                                                                                                                                            |                   |                  |            |                         |                     |              |                            |       |
|     | Proportion of Medical doctors (‰)       |                                                                                                                                                                            |                   |                  | 34.7       | 4.3                     | 0.2                 | 0.5          |                            |       |
|     | 3.c.1                                   | Proportion of Pharmacy professionals (‰)                                                                                                                                   | 2018              | Municipal        | 5.8        | 0.8                     | 0.1                 | 0.0          | WHO                        | B1    |
|     | Proportion of Nurses (‰)                |                                                                                                                                                                            |                   |                  | 37.0       | 7                       | 1                   | 0.0          |                            |       |
|     | Proportion of Dentist (‰)               |                                                                                                                                                                            |                   |                  | 4.6        | 0.7                     | 0.03                | 0.0          |                            |       |
|     | 4.1.2(a)                                | Transition/completion rate in upper secondary education by courses (%)                                                                                                     | 2018              | Municipal        | 100.0      | 90.92                   | 60                  | 69.2         | CESOP                      | C2    |
|     | 4.1.2(b)                                | Transition/completion rate in upper secondary education by courses (%)                                                                                                     | 2018              | Municipal        | 99.8       | 97.1                    | 80.6                | 85.0         | CESOP                      | C2    |
|     | 4.1.2(c)                                | Proportion of students who completed the cycle within the expected time (%)                                                                                                | 2023              | Municipal        | 100.0      | 100                     | 0                   | 2.0          | CESOP                      | C2    |

## Annex 3 - Meta-information on ISM 2023 indicators

| SDG | Indicators                                                                                                                                                    | Year of ISM entry | Geographic scope | Best value | Upper Limit Green (100) | Lower Limit Red (0)  | Lowest value | Source of the limit values | Type  |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|------------|-------------------------|----------------------|--------------|----------------------------|-------|
|     | 4.2.2 Pre-school enrolment rate (%)                                                                                                                           | 2018              | Municipal        | 160.4      | 96                      | 50.0                 | 64.2         | Eurostat   CESOP           | B1    |
|     | 4.3.1 Proportion of population aged 15-64 attending secondary and tertiary education by Sex (%)                                                               | 2018              | Municipal        | 20.7       | 7.7;5.3                 | 3;2.8                | 1.8          | CESOP                      | C2    |
|     | 4.3.2 Proportion of the population aged 25-34 with at least complete tertiary education by Sex (%)                                                            | 2019              | Municipal        | 54.1       | 45                      | 20                   | 8.2          | Eurostat   ESDR            | B1    |
|     | 4.6.1 Illiteracy rate by Sex (%)                                                                                                                              | 2018              | Municipal        | 1.4        | 0                       | 10.79                | 12.3         | CESOP                      | A1    |
|     | 4.7.1 Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%)                                       | 2023              | Municipal        | 100.0      | 50                      | 0                    | 0.0          | CESOP                      | C2    |
|     | 4.c.1(a) Proportion of teachers qualified in basic education (%)                                                                                              | 2018              | National         | 100.0      | 100                     | -                    | 100.0        | UN                         | A1    |
|     | 4.c.1(b) Percentage of teachers who participated in professional development activities in the last 12 months (%)                                             | 2019              | National         | 88.0       | 100                     | 75.2                 | 88.0         | OECD   CESOP               | B1    |
| 5   | 5.1.1 Existence of a Cooperation Protocol with the Commission for Citizenship and Gender Equality and/or a Municipal Plan for Equality and Non-Discrimination | 2020              | Municipal        | 100.0      | 100                     | 0                    | 0.0          | UN                         | A1    |
|     | 5.1.2 Gender employment gap (%)                                                                                                                               | 2019              | Municipal        | 0.0        | 0                       | 25.0                 | 32.7         | UN   ESDR                  | A1    |
|     | 5.1.3 Gender gap in average monthly earnings of the employed population (%)                                                                                   | 2019              | Municipal        | 0.1        | 0                       | 20                   | 36.3         | UN   SDG Index             | A1    |
|     | 5.2.1 Estimated Proportion of victims in crimes registered as Domestic violence by the partner or similar (‰)                                                 | 2018              | Municipal        | 0.6        | 0                       | 14.76                | 19.6         | OECD   CESOP               | A1/B1 |
|     | 5.2.2 Five-year rate of victims in crimes registered as Rape per 100,000 population aged 15 years and older                                                   | 2018              | Municipal        | 0.0        | 0                       | 9.61                 | 29.7         | UN   CESOP                 | A1    |
|     | 5.3.1 Proportion of 16-19 year olds who married (‰)                                                                                                           | 2018              | Municipal        | 0.0        | 0                       | 15.87                | 127.1        | CESOP                      | A1    |
|     | 5.5.2(a) Proportion of women in management positions (%)                                                                                                      | 2018              | Municipal        | 51.7       | 50                      | 10                   | 20.7         | OECD   ESDR                | A1/B1 |
|     | 5.5.2(b) Proportion of female employers (%)                                                                                                                   | 2018              | Municipal        | 56.7       | 50                      | 10                   | 0.0          | CESOP                      | A1    |
|     | 5.6.1 Five-year adolescent fertility rate (‰)                                                                                                                 | 2023              | Municipal        | 0.0        | 2.92                    | 50.0                 | 49.6         | CESOP                      | C2    |
|     | 5.a.1 Proportion of women in total managers in agriculture by type of employment status (%)                                                                   | 2018              | Municipal        | 55.3       | 50                      | 0                    | 0.0          | CESOP                      | A1    |
|     | 5.a.2 Degree to which the legal framework (including customary law) guarantees women's equal rights to land ownership and/or control                          | 2021              | National         | 5.0        | 6                       | 1.0                  | 5.0          | UN                         | A1    |
|     | 6.1.1 Safe water (%)                                                                                                                                          | 2020              | Municipal        | 100.0      | 98.5                    | 94.5                 | 0.0          | ERSAR                      | B1    |
|     | 6.2.1 Accessibility of the wastewater sanitation service (%)                                                                                                  | 2020              | Municipal        | 100.0      | APU:90/AMU:85/APR:70    | APU:80/AMU:70/APR:60 | 0.0          | ERSAR                      | B1    |
|     | 6.3.1(a) Proportion of collected wastewater treated (%)                                                                                                       | 2018              | Municipal        | 275.5      | 100                     | 61.78                | 15.7         | CESOP                      | A1    |
|     | 6.3.1(b) Accessibility to wastewater treatment services (%)                                                                                                   | 2020              | Municipal        | 100.0      | 100                     | 95                   | 57.0         | ERSAR                      | B1    |
|     | 6.3.2(a) Proportion of water bodies with good environmental quality (%)                                                                                       | 2018              | Municipal        | 100.0      | 100                     | 0                    | 0.0          | MATE                       | A1/B1 |
|     | 6.3.2(b) Bathing water with excellent quality (%)                                                                                                             | 2019              | Municipal        | 100.0      | 100                     | 50.0                 | 0.0          | ESDR                       | A1    |
|     | 6.3.3 Nitrate in groundwater (mg NO3/litre)                                                                                                                   | 2019              | Municipal        | 0.9        | 25                      | 50                   | 238.4        | ESDR                       | B1    |
|     | 6.4.1 Domestic water distributed per inhabitant (m3/inhab.)                                                                                                   | 2018              | Municipal        | 13.4       | 36.5                    | 59.7                 | 106.4        | WHO/CESOP                  | B1    |
| 7   | 6.4.2 Real water losses [m3/(km.day)] or [l/(branch.day)]                                                                                                     | 2019              | Municipal        | 1.1        | 3 ou 100                | 5 ou 150             | 570.4        | ERSAR                      | B1    |
|     | 7.1.1 Proportion of population with access to electricity (%)                                                                                                 | 2018              | National         | 100.0      | 100                     | -                    | 100.0        | UN                         | A1    |
|     | 7.1.2 Proportion of population with primary reliance on clean fuels and technology (%)                                                                        | 2018              | National         | 95.0       | 95                      | 50                   | 95.0         | OECD   SDG Index           | B1    |
|     | 7.1.3 Proportion of beneficiaries of the Social Energy and Natural Gas Tariff compared to the resident population (%)                                         | 2023              | Municipal        | 0.0        | 3.2                     | 11.7                 | 24.8         | CESOP                      | C2    |
|     | 7.2.1(a) Share of renewable energy in gross final energy consumption (%)                                                                                      | 2018              | National         | 34.0       | 49                      | 10                   | 34.0         | MATE   SDG Index           | B1    |
|     | 7.2.1(b) Share of production by renewable energy source in total energy production (%)                                                                        | 2019              | National         | 54         | 58.6                    | 0                    | 54           | OECD                       | B1    |
|     | 7.3.1 Signatory to the Covenant of Mayors for Climate and Energy                                                                                              | 2018              | Municipal        | 100.0      | 100                     | 0                    | 0.0          | CESOP                      | C2    |

## Annex 3 - Meta-information on ISM 2023 indicators

| SDG | Indicators                                                                                                                                                           | Year of ISM entry | Geographic scope | Best value | Upper Limit Green (100)  | Lower Limit Red (0) | Lowest value | Source of the limit values | Type |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|------------|--------------------------|---------------------|--------------|----------------------------|------|
|     | 7.3.2 Domestic electricity consumption per capita (kWh/per capita)                                                                                                   | 2018              | Municipal        | 913.3      | 940                      | 4040.0              | 6140.1       | CESOP                      | C1   |
|     | 7.3.3 Electricity consumption for street lighting and interior lighting of State buildings (MWh)                                                                     | 2019              | Municipal        | 68.0       | 80% of the 2005 value    | 2005 value          | 215433.6     | European Union             | B2   |
|     | 7.3.4 Proportion of buildings with energy certification in classes A to C relative to the total number of buildings with energy certification issued in the year (%) | 2023              | Municipal        | 100.0      | 77.9                     | 42.2                | 14.7         | CESOP                      | C2   |
| 8   | 8.1.1 Average annual growth rate of GDP per capita                                                                                                                   | 2018              | NUTS III         | 3.2        | 3.9                      | -3.0                | 0.8          | OECD   SDG Index           | B1   |
|     | 8.1.2 Purchasing power index per capita                                                                                                                              | 2018              | Municipal        | 162.4      | 100.0                    | 58.8                | 44.2         | CESOP                      | C1   |
|     | 8.3.1 Survival rate of companies born 2 years earlier (%)                                                                                                            | 2019              | Municipal        | 87.5       | 74.6                     | 46.5                | 37.1         | CESOP                      | C2   |
|     | 8.5.1(a) Average monthly earning (€)                                                                                                                                 | 2018              | Municipal        | 2038.8     | 1338.9                   | 530.0               | 857.2        | CESOP                      | C2   |
|     | 8.5.1(b) Gender gap in average monthly earnings of the employed population (%)                                                                                       | 2018              | Municipal        | 0.1        | 0.0                      | 20.0                | 36.3         | UN   SDG Index             | A1   |
|     | 8.5.2(a) Estimated unemployment rate (%)                                                                                                                             | 2018              | Municipal        | 2.5        | 6.1                      | 19.1                | 14.5         | OECD                       | B1   |
|     | 8.5.2(b) Proportion of the population registered as long-term unemployed (%)                                                                                         | 2019              | Municipal        | 0.7        | 1.0                      | 5.0                 | 8.4          | ESDR                       | B1   |
|     | 8.5.3(a) Proportion of employed population that changed companies in relation to total employment (%)                                                                | 2023              | Municipal        | 2.6        | 3.4                      | 18.8                | 43.1         | CESOP                      | C2   |
|     | 8.5.3(b) Proportion of employees with permanent employment contracts (%)                                                                                             | 2023              | Municipal        | 86.5       | 80.0                     | 56.4                | 23.7         | CESOP                      | C2   |
|     | 8.6.1 Proportion of young people (15-24 years) registered as unemployed (%)                                                                                          | 2018              | Municipal        | 1.4        | 2.8                      | 9.7                 | 14.9         | CESOP                      | C2   |
|     | 8.8.1 Proportion of accidents at work declared by employees by type of accident (%)                                                                                  | 2018              | Municipal        | 0.6        | 2.5                      | 9.2                 | 14.1         | CESOP                      | C2   |
|     | 8.9.1(a) Share of tourism sector GVA in total GVA (%)                                                                                                                | 2018              | Municipal        | 59.4       | 5.2                      | 2.6                 | 0.0          | CESOP                      | C2   |
|     | 8.9.1(b) Average annual growth rate of GVA generated by tourism                                                                                                      | 2019              | Municipal        | 23.6       | 15.5                     | 0.0                 | -80.0        | CESOP                      | C2   |
|     | 8.9.2(a) Proportion of tourist establishments with environmental certification (%)                                                                                   | 2018              | Municipal        | 50.0       | 50                       | 0                   | 0.0          | CESOP                      | C2   |
|     | 8.9.2(b) Rewarded by sustainable tourism awards                                                                                                                      | 2018              | Municipal        | 25.0       | 1                        | -                   | 0.0          | CESOP                      | C2   |
|     | 8.10.1(a) Other monetary intermediation establishments per 10 000 inhabitants                                                                                        | 2018              | Municipal        | 46.8       | 5.8                      | 1.1                 | 1.2          | CESOP                      | C1   |
|     | 8.10.1(b) Automated teller machines per 10 000 inhabitant                                                                                                            | 2018              | Municipal        | 69.4       | 19.4                     | 4.4                 | 4.1          | CESOP                      | C1   |
| 9   | 9.2.1 Manufacturing value added per capita (€)                                                                                                                       | 2018              | Municipal        | 263097.6   | 53275.32                 | 4145.2              | 1865.8       | CESOP                      | C2   |
|     | 9.2.2 Personnel employed in the manufacturing industry as a percentage of the total (%)                                                                              | 2018              | Municipal        | -          | -                        | -                   | -            | -                          | D    |
|     | 9.4.1 CO2 emissions per unit of GVA of companies in the municipality (kg CO2/€)                                                                                      | 2018              | Municipal        | 0.1        | 0.3                      | 1.9                 | 22.6         | CESOP                      | C2   |
|     | 9.4.2 CO2 emissions per municipality (t/km^2)                                                                                                                        | 2018              | Municipal        | 5.8        | 282.9                    | 3114.5              | 38203.0      | CESOP                      | C2   |
| 10  | 10.1.1 Purchasing power index per capita                                                                                                                             | 2019              | Municipal        | 162.4      | 100                      | 58.8                | 44.2         | CESOP                      | C1   |
|     | 10.1.2 Gini coefficient of gross monetary of tax household income (%)                                                                                                | 2020              | Municipal        | 32.5       | 24.9                     | 50                  | 48.3         | CESOP                      | C1   |
|     | 10.1.3 Ratio between average disposable income of top and bottom quintiles                                                                                           | 2022              | Municipal        | 2.4        | 2.56                     | 4.4                 | 4.2          | CESOP                      | C2   |
|     | 10.2.1 Proportion of RSI beneficiaries in the working-age resident population (‰)                                                                                    | 2018              | Municipal        | 4.7        | Half the value of 2015   | 2015 value          | 180.6        | UN                         | A2   |
|     | 10.2.2 Existence of municipal plans and structures for immigrant integration                                                                                         | 2019              | Municipal        | 1.0        | 1                        | -                   | 0.0          | CESOP                      | C2   |
|     | 10.7.2 Existence of an accessible beach for people with reduced mobility                                                                                             | 2018              | Municipal        | 1.0        | 1                        | 0                   | 0.0          | CESOP                      | A1   |
| 11  | 11.1.1 Proportion of resident population living in non-conventional dwellings (‰)                                                                                    | 2018              | Municipal        | 0.0        | 0.5                      | 50                  | 82.6         | CESOP                      | A1   |
|     | 11.1.2 Weight of median rent of new rental contracts in median disposable income per tax household                                                                   | 2018              | Municipal        | 24.8       | 32.7                     | 64.7                | 93.3         | SDG Index17   Eurostat     | B1   |
|     | 11.2.1                                                                                                                                                               | 2023              | Municipal        | 0.0        | 45% of the value of 2009 | 2009 value          | 5515.1       | CESOP                      | C2   |
|     | 11.3.1 (a) Greenhouse gas emissions from the road transport sector                                                                                                   | 2021              | Municipal        | 43.4       | 0                        | -31.63              | -137.6       | CESOP                      | C2   |
|     | 11.3.1 (b) Artificialized territories (m2) per capita                                                                                                                | 2019              | Municipal        | 88.1       | 2010 value               | Growth >12.5%       | 2127.0       | CESOP                      | B2   |

## Annex 3 - Meta-information on ISM 2023 indicators

| SDG | Indicators                                                                                                                  | Year of ISM entry | Geographic scope | Best value | Upper Limit Green (100)  | Lower Limit Red (0)  | Lowest value | Source of the limit values | Type  |
|-----|-----------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|------------|--------------------------|----------------------|--------------|----------------------------|-------|
| 11  | 11.3.2 Completed reconstructions per 100 completed new constructions (No.)                                                  | 2023              | Municipal        | 176.0      | 30.4                     | 0                    | 0.0          | CESOP                      | C2    |
|     | 11.4.1 Expenditure on cultural heritage and protection of biodiversity and landscape per capita                             | 2018              | Municipal        | 333.4      | 68.4                     | 11.3                 | 0.0          | CESOP                      | C2    |
|     | 11.6.1(a) Municipal waste collected per inhabitant (kg/inhab.)                                                              | 2018              | Municipal        | 247.4      | 85% of the value of 2019 | 2019 value           | 1192.6       | OECD                       | B1    |
|     | 11.6.1(b) Proportion of municipal waste prepared for reuse and recycling (%)                                                | 2018              | Municipal        | 97.7       | 60                       | 20.0                 | 3.3          | European Commission   ESDR | B1    |
| 12  | 12.4.2 Proportion of sectorial waste recovered by type of waste (%)                                                         | 2018              | Municipal        | 100.0      | 94                       | 32                   | 0.0          | CESOP                      | C2    |
|     | 12.5.1(a) Biodegradable urban waste landfilled (%)                                                                          | 2018              | Municipal        | 0.0        | 10                       | 100                  | 91.5         | European Commission        | B1    |
|     | 12.5.1(b) Proportion of municipal waste prepared for reuse and recycling (%)                                                | 2018              | Municipal        | 97.7       | 60                       | 20                   | 3.3          | European Commission   ESDR | B1    |
|     | 12.5.2 Urban waste collected per inhabitant (kg/inhab)                                                                      | 2018              | Municipal        | 247.4      | 85% of the value of 2019 | 2019 value           | 1192.6       | OECD                       | B1    |
|     | 12.5.3 Accessibility of selective collection service (%)                                                                    | 2019              | Municipal        | 100.0      | 100                      | APU:60/AMU:50/APR:40 | 0.0          | ERSAR                      | B1    |
| 13  | 13.1.3 Municipal participation in networks of municipalities for Climate Change Adaptation                                  | 2018              | Municipal        | 1.0        | 1                        | -                    | 0.0          | CESOP                      | A1    |
|     | 13.1.1 Mean burned area (há)                                                                                                | 2023              | Municipal        | 0.0        | 0                        | 39.8                 | 708.6        | CESOP                      | C2    |
|     | 13.2.1 Signatory to the Covenant of Mayors for Climate and Energy                                                           | 2019              | Municipal        | 100.0      | 100                      | 0.0                  | 0.0          | CESOP                      | A1    |
|     | 13.2.2(a) Tons of greenhouse gases emitted                                                                                  | 2021              | Municipal        | 4650.0     | 45% of the 2005 value    | 2005 value           | 7847587      | PNEC                       | B1    |
|     | 13.2.2(b) Greenhouse gas emissions per capita                                                                               | 2019              | Municipal        | 1.8        | 2                        | 7                    | 572.5        | ESDR                       | B2    |
|     | 13.3.1(a) Participation in the ECOXXI and Eco-escolas projects                                                              | 2018              | Municipal        | 100.0      | 100                      | 0                    | 0.0          | CESOP                      | A1    |
|     | 13.3.1(b) Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%) | 2023              | Municipal        | 100.0      | 50                       | 0                    | 0.0          | CESOP                      | C2    |
|     | 13.3.1(c) Proportion of civil parishes that applied for the Eco-parishes project and received the Green Flag (%)            | 2023              | Municipal        | 100.0      | 26.7                     | 0                    | 0.0          | CESOP                      | C2    |
| 14  | 13.a.1 Proportion of municipal expenditures in the environmental area (%)                                                   | 2018              | Municipal        | 14.5       | 5.2                      | 0.4                  | 0.0          | CESOP                      | C2    |
|     | 14.1.1 Proportion of groundwater with nutrients within the Maximum Recommended Value by nutrient type (%)                   | 2018              | Municipal        | 100.0      | 100                      | 0                    | 0.0          | CESOP                      | A1    |
|     | 14.1.2 Bathing water with excellent quality (%)                                                                             | 2019              | Municipal        | 100.0      | 100                      | 50.0                 | 0.0          | ESDR                       | A1    |
|     | 14.1.3(a) Accessibility of the wastewater sanitation service (%)                                                            | 2023              | Municipal        | 100.0      | 100                      | 95                   | 57.0         | ERSAR                      | B1    |
|     | 14.1.3(b) Proportion of collected wastewater treated (%)                                                                    | 2023              | Municipal        | 100.0      | 100                      | 61.8                 | 15.7         | CESOP                      | A1    |
|     | 14.2.1 Proportion of water bodies with good environmental quality (%)                                                       | 2023              | Municipal        | 100.0      | 100                      | 0                    | 0.0          | MATE                       | A1/B1 |
| 15  | 14.5.1 Proportion of the extended continental shelf covered by Marine Protected Areas (%)                                   | 2018              | National         | 8.9        | 30                       | 0                    | 8.9          | Compromisso português      | B1    |
|     | 15.1.1 Proportion of forest area (%)                                                                                        | 2018              | Municipal        | -          | -                        | -                    | -            | -                          | D     |
|     | 15.1.2 Ratio between areas belonging to the Natura 2000 Network and protected areas                                         | 2018              | Municipal        | 1.0        | 0.85                     | 0.65                 | 0.0          | SDG Index                  | B1    |
|     | 15.1.3 Nitrate in groundwater (mg NO3/litre)                                                                                | 2019              | Municipal        | 0.9        | 25                       | 50                   | 238.4        | ESDR                       | B1    |
|     | 15.2.1 Variation in forest area (%)                                                                                         | 2018              | Municipal        | 42.4       | 0                        | -11.6                | -53.6        | CESOP                      | C2    |
|     | 15.2.2 Mean burned area (há)                                                                                                | 2023              | Municipal        | 0.0        | 0                        | 39.8                 | 708.6        | CESOP                      | C2    |
|     | 15.3.1 Artificial land (m2) per capita                                                                                      | 2019              | Municipal        | 88.1       | 2010 value               | Growth >12.5%        | 2127.0       | CESOP/ European Commission | B2    |
| 16  | 16.1.1 Five-year rate of intentional homicide per 100,000 population                                                        | 2018              | Municipal        | 0.0        | 0                        | 4                    | 9.0          | OECD   SDG Index           | B1    |
|     | 16.1.3 Proportion of crimes related to physical, psychological or sexual violence by life cycle (‰)                         | 2018              | Municipal        | 2.2        | 0.5                      | 11.4                 | 14.0         | CESOP                      | A1    |



## Annex 3 - Meta-information on ISM 2023 indicators

| SDG | Indicators |                                                                                                                                                               | Year of ISM entry | Geographic scope | Best value | Upper Limit Green (100)      | Lower Limit Red (0) | Lowest value | Source of the limit values | Type |
|-----|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|------------|------------------------------|---------------------|--------------|----------------------------|------|
| 16  | 16.2.1     | Incidence rate of children and young people (under 18 years of age) accompanied by the Commissions for the Protection of Children and Young People (CPCJ) (%) | 2020              | Municipal        | 0.0        | 0                            | 6.4                 | 11.5         | CESOP                      | A1   |
|     | 16.3.1     | Average duration of completed cases (months) in the 1st instance judicial courts by procedural area                                                           | 2018              | Municipal        | 10.1       | 17.9                         | 32.1                | 33.7         | CESOP                      | C2   |
|     | 16.3.2     | Proportion of pre-trial detainees present at 31st December in general prison establishments (%)                                                               | 2018              | National         | 19.9       | 9.8                          | 50                  | 19.9         | OECD   ESDR                | B1   |
|     | 16.7.1     | Distribution of public offices in municipalities by gender                                                                                                    | 2018              | Municipal        | 80.9       | % of women in the population | 0                   | 20.6         | CESOP                      | A1   |
|     | 16.7.2(a)  | White and null votes rate (%)                                                                                                                                 | 2018              | Municipal        | 2.1        | 2.08                         | 13                  | 7.0          | CESOP                      | C2   |
|     | 16.7.2(b)  | Abstention rate in municipal elections (%)                                                                                                                    | 2023              | Municipal        | 20.6       | 34.1                         | 60.7                | 59.9         | CESOP                      | C2   |
|     | 16.9.1     | Proportion of children under 5 with birth registration at a civil registry authority (%)                                                                      | 2018              | National         | 100.0      | 100                          | -                   | 100.0        | UN                         | A1   |
| 17  | 17.1.1     | Proportion of tax revenues in the total revenue of municipalities (%)                                                                                         | 2018              | Municipal        | 71.6       | 66.2                         | 16.2                | 2.1          | CESOP                      | C2   |
|     | 17.1.2     | Proportion of municipalities' real expenditures financed by total municipal tax revenues (%)                                                                  | 2018              | Municipal        | 85.8       | 88.0                         | 16.8                | 2.6          | CESOP                      | C2   |
|     | 17.1.3     | Local government debt per inhabitant (€/ inhab.)                                                                                                              | 2019              | Municipal        | 15.8       | 0                            | 1599                | 8047.8       | CESOP                      | A1   |
|     | 17.8.1     | Average number of students enrolled in non-tertiary education per computer with Internet connection and level of education (Nº)                               | 2018              | Municipal        | 0.5        | 1.2                          | 7.4                 | 3.7          | CESOP                      | C2   |
|     | 17.16.1(a) | Participation in partnerships for sustainable development                                                                                                     | 2018              | Municipal        | 14.0       | 5                            | 0                   | 0.0          | CESOP                      | C2   |
|     | 17.16.1(b) | Proportion of Sustainable Development Goals covered by intermunicipal partnerships in which the Municipality participates (%)                                 | 2020              | Municipal        | 100.0      | 100                          | 0                   | 0.0          | CESOP                      | C2   |
|     | 17.16.2(a) | Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%)                                             | 2023              | Municipal        | 100.0      | 50                           | 0                   | 0.0          | CESOP                      | C2   |
|     | 17.16.2(b) | Proportion of civil parishes that applied for the Eco-parishes project and received the Green Flag (%)                                                        | 2023              | Municipal        | 100.0      | 26.7                         | 0                   | 0.0          | CESOP                      | C2   |
|     | Extra.17.a | Ratio of environmental taxes to labour taxes                                                                                                                  | 2019              | Municipal        | 9.7        | 1                            | 0                   | 0.0          | Eurostat   CESOP           | C2   |

| Means of setting limit values for indicators |                                                                                                                                                  |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A1</b>                                    | SDG-based, absolute target in the future<br>End-value referred to in SDGs, e.g. infant mortality at 12 per 1 000 lives                           |
| <b>A2</b>                                    | SDG-based, target relative to starting position<br>End-value referred to in SDGs, e.g. reduce by half the proportion of people living in poverty |
| <b>B1</b>                                    | Other international agreement or shared aspirations, absolute target in the future and recycling (European Commission)                           |
| <b>B2</b>                                    | Other international agreement or shared aspirations, target relative to starting position with 2009 level (European Commission)                  |
| <b>C1</b>                                    | No explicit value; performance benchmarked against OECD or EU top performers                                                                     |

Annex 3 - Meta-information on ISM 2023 indicators

| SDG | Indicators | Year of ISM entry                                                                                                        | Geographic scope | Best value | Upper Limit Green (100) | Lower Limit Red (0) | Lowest value | Source of the limit values | Type |
|-----|------------|--------------------------------------------------------------------------------------------------------------------------|------------------|------------|-------------------------|---------------------|--------------|----------------------------|------|
|     | C1         | End-value set by CESOP-Local by based on the 5 top performers within the country, OECD countries or EU countries in 2015 |                  |            |                         |                     |              |                            |      |
|     | C2         | No explicit value, estimated on the basis of national values                                                             |                  |            |                         |                     |              |                            |      |
|     |            | End-value set by CESOP-Local by based on country values in 2015: national average + or - standard deviation * 1.5        |                  |            |                         |                     |              |                            |      |
|     | D          | No normative direction                                                                                                   |                  |            |                         |                     |              |                            |      |

## Annex 4 - Correspondences between ISM 2023 Indicators and References at national and international level.

| SDG | Indicators                               |                                                                                                                                                                            | Reference documents |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|-----|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------|
|     |                                          |                                                                                                                                                                            | Agenda 2030         | INE  <br>Indicadores<br>para Portugal –<br>2010/2020 | Eurostat  <br>Sustainable<br>development in the<br>European Union | OECD  <br>Measuring<br>Distance to the<br>SDG Targets | OECD   A Territorial<br>Approach to the<br>Sustainable<br>Development Goals | SDSN  <br>Sustainable<br>Development<br>Report 2021 | SDSN   Europe<br>Sustainable<br>Development<br>Report 2020 |
| 1   | 1.2.1                                    | Proportion of RSI beneficiaries in the working-age resident population (%)                                                                                                 |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 1.2.2                                    | Proportion of children and young people benefiting from Social Security family allowance (%)                                                                               |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 1.2.3                                    | Average disposable income per day of the first quintile, per tax household (€)                                                                                             |                     |                                                      |                                                                   |                                                       | X                                                                           |                                                     |                                                            |
|     | 1.4.1(a)                                 | Proportion of resident population living in non-conventional dwellings (%)                                                                                                 | X                   |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 1.4.1(c)                                 | Weight of median rent of new rental contracts in median disposable income per tax household                                                                                |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
|     | 1.b.1(a)                                 | Current expenditure for families and IPSSs in total expenditure (%)                                                                                                        |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 1.b.1(b)                                 | Current expenditure for families and IPSSs per capita (€)                                                                                                                  |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
| 2   | 2.2.2                                    | Proportion of resident population with 18 and more years old with obesity, by sex                                                                                          |                     | X                                                    | X                                                                 | X                                                     | X                                                                           | X                                                   | X                                                          |
|     | 2.4.1                                    | Proportion of organic farmers (%)                                                                                                                                          | X                   | X                                                    | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
|     | 2.4.2                                    | Nitrate in groundwater (mg NO3/litre)                                                                                                                                      |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
| 3   | 3.1.1                                    | Deaths from complications of pregnancy, childbirth and puerperium (Nº)                                                                                                     | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   |                                                            |
|     | 3.1.2                                    | Proportion of births (live births) attended by skilled health personnel (%)                                                                                                | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   |                                                            |
|     | 3.2.1                                    | Five-year mortality rate of children aged 0-4 years per 1,000 live births (‰)                                                                                              | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   | X                                                          |
|     | 3.2.2                                    | Five-year neonatal mortality rate (‰)                                                                                                                                      | X                   | X                                                    |                                                                   | X                                                     | X                                                                           | X                                                   |                                                            |
|     | 3.3.1                                    | Five-year rate of new HIV infections per 1,000 population                                                                                                                  | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   |                                                            |
|     | 3.3.2                                    | Five-year mortality rate due to Tuberculosis, HIV, and Viral Hepatitis per 100,000 population                                                                              |                     |                                                      | X                                                                 | X                                                     |                                                                             |                                                     |                                                            |
|     | 3.4.1                                    | Mortality rate (30 to 70 years) due to diseases of the circulatory system, malignant neoplasms, diabetes mellitus and chronic respiratory diseases per 100 000 inhabitants | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   | X                                                          |
|     | 3.4.2                                    | Five-year mortality rate due to intentional self-harm (suicide) per 100,000 inhabitants, by Sex                                                                            | X                   | X                                                    |                                                                   | X                                                     |                                                                             |                                                     | X                                                          |
|     | 3.4.3                                    | Proportion of resident population with 18 and more years old with obesity, by sex (%)                                                                                      |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
|     | 3.4.4                                    | Proportion of accidents at work declared by employees by type of accident (%)                                                                                              |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     | X                                                          |
|     | 3.5.1                                    | Rates of registered users with drug-related problems in the 15-74 age group (‰)                                                                                            |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 3.5.2                                    | Rates of registered users with alcohol-related problems in the 15-74 age group (‰)                                                                                         |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 3.6.1                                    | Five-year mortality rate due to road accidents per 100 000 inhabitants                                                                                                     | X                   | X                                                    | X                                                                 | X                                                     | X                                                                           | X                                                   | X                                                          |
|     | 3.7.2                                    | Five-year adolescent fertility rate (‰)                                                                                                                                    | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   |                                                            |
|     | 3.9.1                                    | Mortality rate attributed to household and ambient air pollution per 100 000 inhabitants                                                                                   | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   | X                                                          |
|     | 3.9.3                                    | Accidental poisoning (intoxication) by drugs, medicines or biological substances (Nº)                                                                                      | X                   | X                                                    |                                                                   | X                                                     |                                                                             |                                                     |                                                            |
|     |                                          | Health worker density by speciality (‰)                                                                                                                                    | X                   | X                                                    |                                                                   |                                                       | X                                                                           |                                                     |                                                            |
|     | Proportion of Medical doctors (‰)        |                                                                                                                                                                            |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | Proportion of Pharmacy professionals (‰) |                                                                                                                                                                            |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | Proportion of Nurses (‰)                 |                                                                                                                                                                            |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | Proportion of Dentist (‰)                |                                                                                                                                                                            |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 4.1.2(a)                                 | Transition/completion rate in upper secondary education by courses (%)                                                                                                     | X                   | X                                                    |                                                                   | X                                                     |                                                                             |                                                     |                                                            |
|     | 4.1.2(b)                                 | Transition/completion rate in upper secondary education by courses (%)                                                                                                     | X                   | X                                                    |                                                                   | X                                                     |                                                                             |                                                     |                                                            |

## Annex 4 - Correspondences between ISM 2023 Indicators and References at national and international level.

| SDG | Indicators |                                                                                                                                                         | Reference documents |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|-----|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------|
|     |            |                                                                                                                                                         | Agenda 2030         | INE  <br>Indicadores<br>para Portugal –<br>2010/2020 | Eurostat  <br>Sustainable<br>development in the<br>European Union | OECD  <br>Measuring<br>Distance to the<br>SDG Targets | OECD   A Territorial<br>Approach to the<br>Sustainable<br>Development Goals | SDSN  <br>Sustainable<br>Development<br>Report 2021 | SDSN   Europe<br>Sustainable<br>Development<br>Report 2020 |
|     | 4.1.2(c)   | Proportion of students who completed the cycle within the expected time (%)                                                                             |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 4.2.2      | Pre-school enrolment rate (%)                                                                                                                           | X                   | X                                                    | X                                                                 | X                                                     |                                                                             |                                                     | X                                                          |
|     | 4.3.1      | Proportion of population aged 15-64 attending secondary and tertiary education by Sex (%)                                                               |                     |                                                      |                                                                   | X                                                     |                                                                             |                                                     |                                                            |
|     | 4.3.2      | Proportion of the population aged 25-34 with at least complete tertiary education by Sex (%)                                                            |                     |                                                      | X                                                                 |                                                       | X                                                                           | X                                                   | X                                                          |
|     | 4.6.1      | Illiteracy rate by Sex (%)                                                                                                                              |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 4.7.1      | Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%)                                       |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 4.c.1(a)   | Proportion of teachers qualified in basic education (%)                                                                                                 | X                   |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 4.c.1(b)   | Percentage of teachers who participated in professional development activities in the last 12 months (%)                                                |                     |                                                      |                                                                   | X                                                     |                                                                             |                                                     |                                                            |
| 5   | 5.1.1      | Existence of a Cooperation Protocol with the Commission for Citizenship and Gender Equality and/or a Municipal Plan for Equality and Non-Discrimination | X                   | X                                                    |                                                                   | X                                                     |                                                                             |                                                     |                                                            |
|     | 5.1.2      | Gender employment gap (%)                                                                                                                               |                     |                                                      | X                                                                 |                                                       | X                                                                           | X                                                   | X                                                          |
|     | 5.1.3      | Gender gap in average monthly earnings of the employed population (%)                                                                                   |                     |                                                      | X                                                                 |                                                       |                                                                             | X                                                   |                                                            |
|     | 5.2.1      | Estimated proportion of victims in crimes registered as Domestic violence by the partner or similar (‰)                                                 | X                   | X                                                    | X                                                                 | X                                                     |                                                                             |                                                     |                                                            |
|     | 5.2.2      | Five-year rate of victims in crimes registered as Rape per 100,000 population aged 15 years and older                                                   | X                   |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
|     | 5.3.1      | Proportion of 16-19 year olds who married (‰)                                                                                                           | X                   |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 5.5.2(a)   | Proportion of women in management positions (%)                                                                                                         | X                   | X                                                    | X                                                                 | X                                                     |                                                                             |                                                     | X                                                          |
|     | 5.5.2(b)   | Proportion of female employers (%)                                                                                                                      | X                   |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 5.6.1      | Five-year adolescent fertility rate (‰)                                                                                                                 |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 5.a.1      | Proportion of women in total managers in agriculture by type of employment status (%)                                                                   | X                   | X                                                    |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 5.a.2      | Degree to which the legal framework (including customary law) guarantees women's equal rights to land ownership and/or control                          | X                   | X                                                    |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 6.1.1      | Safe water (%)                                                                                                                                          | X                   | X                                                    |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 6.2.1      | Accessibility of the wastewater sanitation service (%)                                                                                                  | X                   | X                                                    |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 6.3.1(a)   | Proportion of collected wastewater treated (%)                                                                                                          | X                   |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 6.3.1(b)   | Accessibility to wastewater treatment services (%)                                                                                                      | X                   |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 6.3.2(a)   | Proportion of water bodies with good environmental quality (%)                                                                                          | X                   | X                                                    |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 6.3.2(b)   | Bathing water with excellent quality (%)                                                                                                                |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
|     | 6.3.3      | Nitrate in groundwater (mg NO3/litre)                                                                                                                   |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
|     | 6.4.1      | Domestic water distributed per inhabitant (m3/inhab.)                                                                                                   |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 6.4.2      | Real water losses [m3/(km.day)] or [l/(branch.day)]                                                                                                     |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 7.1.1      | Proportion of population with access to electricity (%)                                                                                                 | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   |                                                            |
|     | 7.1.2      | Proportion of population with primary reliance on clean fuels and technology (%)                                                                        | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   |                                                            |
|     | 7.1.3      | Proportion of beneficiaries of the Social Energy and Natural Gas Tariff compared to the resident population (%)                                         |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |

## Annex 4 - Correspondences between ISM 2023 Indicators and References at national and international level.

| SDG | Indicators                                                                                                                                                           | Reference documents |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------|----------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------|
|     |                                                                                                                                                                      | Agenda 2030         | INE   Indicadores para Portugal – 2010/2020 | Eurostat   Sustainable development in the European Union | OECD   Measuring Distance to the SDG Targets | OECD   A Territorial Approach to the Sustainable Development Goals | SDSN   Sustainable Development Report 2021 | SDSN   Europe Sustainable Development Report 2020 |
| 7   | 7.2.1(a) Share of renewable energy in gross final energy consumption (%)                                                                                             | X                   | X                                           | X                                                        | X                                            |                                                                    | X                                          | X                                                 |
|     | 7.2.1(b) Share of production by renewable energy source in total energy production (%)                                                                               |                     | X                                           |                                                          | X                                            | X                                                                  |                                            |                                                   |
|     | 7.3.1 Signatory to the Covenant of Mayors for Climate and Energy                                                                                                     |                     |                                             | X                                                        |                                              |                                                                    |                                            |                                                   |
|     | 7.3.2 Domestic electricity consumption per capita (kWh/per capita)                                                                                                   |                     |                                             | X                                                        |                                              |                                                                    |                                            |                                                   |
|     | 7.3.3 Electricity consumption for street lighting and interior lighting of State buildings (MWh)                                                                     |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 7.3.4 Proportion of buildings with energy certification in classes A to C relative to the total number of buildings with energy certification issued in the year (%) |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
| 8   | 8.1.1 Average annual growth rate of GDP per capita                                                                                                                   | X                   | X                                           |                                                          | X                                            | X                                                                  | X                                          |                                                   |
|     | 8.1.2 Purchasing power index per capita                                                                                                                              |                     |                                             | X                                                        |                                              |                                                                    |                                            |                                                   |
|     | 8.3.1 Survival rate of companies born 2 years earlier (%)                                                                                                            |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 8.5.1(a) Average monthly earning (€)                                                                                                                                 | X                   | X                                           |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 8.5.1(b) Gender gap in average monthly earnings of the employed population (%)                                                                                       | X                   |                                             | X                                                        |                                              |                                                                    |                                            |                                                   |
|     | 8.5.2(a) Estimated unemployment rate (%)                                                                                                                             | X                   | X                                           |                                                          | X                                            | X                                                                  | X                                          |                                                   |
|     | 8.5.2(b) Proportion of the population registered as long-term unemployed (%)                                                                                         |                     |                                             | X                                                        |                                              |                                                                    |                                            |                                                   |
|     | 8.5.3(a) Proportion of employed population that changed companies in relation to total employment (%)                                                                |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 8.5.3(b) Proportion of employees with permanent employment contracts (%)                                                                                             |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 8.6.1 Proportion of young people (15-24 years) registered as unemployed (%)                                                                                          |                     |                                             |                                                          |                                              | X                                                                  |                                            |                                                   |
|     | 8.8.1 Proportion of accidents at work declared by employees by type of accident (%)                                                                                  | X                   | X                                           | X                                                        | X                                            |                                                                    |                                            | X                                                 |
|     | 8.9.1(a) Share of tourism sector GVA in total GVA (%)                                                                                                                | X                   | X                                           |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 8.9.1(b) Average annual growth rate of GVA generated by tourism                                                                                                      | X                   | X                                           |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 8.9.2(a) Proportion of tourist establishments with environmental certification (%)                                                                                   |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 8.9.2(b) Rewarded by sustainable tourism awards                                                                                                                      |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 8.10.1(a) Other monetary intermediation establishments per 10 000 inhabitants                                                                                        | X                   | X                                           |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 8.10.1(b) Automated teller machines per 10 000 inhabitant                                                                                                            | X                   | X                                           |                                                          |                                              |                                                                    |                                            |                                                   |
| 9   | 9.2.1 Manufacturing value added per capita (€)                                                                                                                       | X                   | X                                           |                                                          | X                                            |                                                                    |                                            |                                                   |
|     | 9.2.2 Personnel employed in the manufacturing industry as a percentage of the total (%)                                                                              | X                   | X                                           |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 9.4.1 CO2 emissions per unit of GVA of companies in the municipality (kg CO2/€)                                                                                      | X                   | X                                           |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 9.4.2 CO2 emissions per municipality (t/km^2)                                                                                                                        |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
| 10  | 10.1.1 Purchasing power index per capita                                                                                                                             |                     |                                             | X                                                        |                                              |                                                                    |                                            |                                                   |
|     | 10.1.2 Gini coefficient of gross monetary of tax household income (%)                                                                                                |                     | X                                           |                                                          | X                                            | X                                                                  | X                                          | X                                                 |
|     | 10.1.3 Ratio between average disposable income of top and bottom quintiles                                                                                           |                     |                                             | X                                                        |                                              | X                                                                  |                                            |                                                   |
|     | 10.2.1 Proportion of RSI beneficiaries in the working-age resident population (‰)                                                                                    |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 10.2.2 Existence of municipal plans and structures for immigrant integration                                                                                         |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 10.7.2 Existence of an accessible beach for people with reduced mobility                                                                                             |                     |                                             |                                                          | X                                            |                                                                    |                                            |                                                   |
| 11  | 11.1.1 Proportion of resident population living in non-conventional dwellings (‰)                                                                                    | X                   | X                                           |                                                          |                                              |                                                                    | X                                          |                                                   |

## Annex 4 - Correspondences between ISM 2023 Indicators and References at national and international level.

| SDG | Indicators |                                                                                                                   | Reference documents |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|-----|------------|-------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------|
|     |            |                                                                                                                   | Agenda 2030         | INE  <br>Indicadores<br>para Portugal –<br>2010/2020 | Eurostat  <br>Sustainable<br>development in the<br>European Union | OECD  <br>Measuring<br>Distance to the<br>SDG Targets | OECD   A Territorial<br>Approach to the<br>Sustainable<br>Development Goals | SDSN  <br>Sustainable<br>Development<br>Report 2021 | SDSN   Europe<br>Sustainable<br>Development<br>Report 2020 |
| 11  | 11.1.2     | Weight of median rent of new rental contracts in median disposable income per tax household                       |                     |                                                      | X                                                                 |                                                       |                                                                             | X                                                   |                                                            |
|     | 11.2.1     | Greenhouse gas emissions from the road transport sector                                                           |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 11.3.1 (a) | Evolution of the efficiency of the artificial areas per capita (%)                                                | X                   | X                                                    |                                                                   | X                                                     | X                                                                           |                                                     |                                                            |
|     | 11.3.1 (b) | Artificialized territories (m2) per capita                                                                        | X                   |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
|     | 11.3.2     | Completed reconstructions per 100 completed new constructions (No.)                                               |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 11.4.1     | Expenditure on cultural heritage and protection of biodiversity and landscape per capita                          | X                   | X                                                    |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 11.6.1(a)  | Municipal waste collected per inhabitant (kg/inhab.)                                                              | X                   | X                                                    |                                                                   |                                                       |                                                                             | X                                                   |                                                            |
| 12  | 11.6.1(b)  | Proportion of municipal waste prepared for reuse and recycling (%)                                                |                     |                                                      | X                                                                 | X                                                     |                                                                             |                                                     | X                                                          |
|     | 12.4.2     | Proportion of sectorial waste recovered by type of waste (%)                                                      | X                   | X                                                    |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 12.5.1(a)  | Biodegradable urban waste landfilled (%)                                                                          |                     | X                                                    |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 12.5.1(b)  | Proportion of municipal waste prepared for reuse and recycling (%)                                                | X                   | X                                                    | X                                                                 | X                                                     |                                                                             |                                                     |                                                            |
|     | 12.5.2     | Urban waste collected per inhabitant (kg/inhab)                                                                   |                     |                                                      |                                                                   |                                                       | X                                                                           | X                                                   |                                                            |
|     | 12.5.3     | Accessibility of selective collection service (%)                                                                 |                     |                                                      |                                                                   | X                                                     |                                                                             |                                                     |                                                            |
|     | 13.1.3     | Municipal participation in networks of municipalities for Climate Change Adaptation                               | X                   |                                                      |                                                                   | X                                                     |                                                                             |                                                     |                                                            |
| 13  | 13.1.1     | Mean burned area (há)                                                                                             |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 13.2.1     | Signatory to the Covenant of Mayors for Climate and Energy                                                        |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
|     | 13.2.2(a)  | Tons of greenhouse gases emitted                                                                                  | X                   | X                                                    | X                                                                 | X                                                     |                                                                             |                                                     |                                                            |
|     | 13.2.2(b)  | Greenhouse gas emissions per capita                                                                               |                     |                                                      |                                                                   |                                                       |                                                                             | X                                                   | X                                                          |
|     | 13.3.1(a)  | Participation in the ECOXXI and Eco-escolas projects                                                              |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 13.3.1(b)  | Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%) |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 13.3.1(c)  | Proportion of civil parishes that applied for the Eco-parishes project and received the Green Flag (%)            |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
| 14  | 13.a.1     | Proportion of municipal expenditures in the environmental area (%)                                                |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 14.1.1     | Proportion of groundwater with nutrients within the Maximum Recommended Value by nutrient type (%)                |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |
|     | 14.1.2     | Bathing water with excellent quality (%)                                                                          |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     | X                                                          |
|     | 14.1.3(a)  | Accessibility of the wastewater sanitation service (%)                                                            |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 14.1.3(b)  | Proportion of collected wastewater treated (%)                                                                    |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 14.2.1     | Proportion of water bodies with good environmental quality (%)                                                    |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
| 15  | 14.5.1     | Proportion of the extended continental shelf covered by Marine Protected Areas (%)                                | X                   | X                                                    |                                                                   | X                                                     |                                                                             | X                                                   |                                                            |
|     | 15.1.1     | Proportion of forest area (%)                                                                                     | X                   | X                                                    |                                                                   | X                                                     |                                                                             |                                                     |                                                            |
|     | 15.1.2     | Ratio between areas belonging to the Natura 2000 Network and protected areas                                      | X                   |                                                      | X                                                                 |                                                       | X                                                                           | X                                                   | X                                                          |
|     | 15.1.3     | Nitrate in groundwater (mg NO3/litre)                                                                             |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     | X                                                          |
|     | 15.2.1     | Variation in forest area (%)                                                                                      | X                   |                                                      |                                                                   |                                                       |                                                                             | X                                                   |                                                            |
|     | 15.2.2     | Mean burned area (há)                                                                                             |                     |                                                      |                                                                   |                                                       |                                                                             |                                                     |                                                            |
|     | 15.3.1     | Artificial land (m2) per capita                                                                                   |                     |                                                      | X                                                                 |                                                       |                                                                             |                                                     |                                                            |

## Annex 4 - Correspondences between ISM 2023 Indicators and References at national and international level.

| SDG | Indicators                                                                                                                                                           | Reference documents |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------|----------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------|
|     |                                                                                                                                                                      | Agenda 2030         | INE   Indicadores para Portugal – 2010/2020 | Eurostat   Sustainable development in the European Union | OECD   Measuring Distance to the SDG Targets | OECD   A Territorial Approach to the Sustainable Development Goals | SDSN   Sustainable Development Report 2021 | SDSN   Europe Sustainable Development Report 2020 |
| 16  | 16.1.1 Five-year rate of intentional homicide per 100,000 population                                                                                                 | X                   | X                                           | X                                                        | X                                            | X                                                                  | X                                          | X                                                 |
|     | 16.1.3 Proportion of crimes related to physical, psychological or sexual violence by life cycle (‰)                                                                  | X                   |                                             |                                                          | X                                            |                                                                    |                                            |                                                   |
|     | 16.2.1 Incidence rate of children and young people (under 18 years of age) accompanied by the Commissions for the Protection of Children and Young People (CPCJ) (%) | X                   |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 16.3.1 Average duration of completed cases (months) in the 1st instance judicial courts by procedural area                                                           |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 16.3.2 Proportion of pre-trial detainees present at 31st December in general prison establishments (%)                                                               | X                   | X                                           |                                                          | X                                            |                                                                    | X                                          |                                                   |
|     | 16.7.1 Distribution of public offices in municipalities by gender                                                                                                    | X                   |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 16.7.2(a) White and null votes rate (%)                                                                                                                              |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 16.7.2(b) Abstention rate in municipal elections (%)                                                                                                                 |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 16.9.1 Proportion of children under 5 with birth registration at a civil registry authority (%)                                                                      | X                   | X                                           |                                                          | X                                            |                                                                    | X                                          |                                                   |
|     | 16.9.2 Proportion of children under 5 with birth registration at a civil registry authority (%)                                                                      |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
| 17  | 17.1.1 Proportion of tax revenues in the total revenue of municipalities (%)                                                                                         | X                   | X                                           |                                                          |                                              |                                                                    | X                                          |                                                   |
|     | 17.1.2 Proportion of municipalities' real expenditures financed by total municipal tax revenues (%)                                                                  | X                   |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 17.1.3 Local government debt per inhabitant (€/ inhab.)                                                                                                              |                     |                                             | X                                                        |                                              |                                                                    |                                            |                                                   |
|     | 17.8.1 Average number of students enrolled in non-tertiary education per computer with Internet connection and level of education (Nº)                               |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 17.16.1(a) Participation in partnerships for sustainable development                                                                                                 |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 17.16.1(b) Proportion of Sustainable Development Goals covered by intermunicipal partnerships in which the Municipality participates (%)                             |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 17.16.2(a) Proportion of educational establishments that applied for the Eco-Schools project and received the Green Flag (%)                                         |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | 17.16.2(b) Proportion of civil parishes that applied for the Eco-parishes project and received the Green Flag (%)                                                    |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |
|     | Extra.17.1.a Ratio of environmental taxes to labour taxes                                                                                                            |                     |                                             | X                                                        |                                              |                                                                    |                                            |                                                   |
|     |                                                                                                                                                                      |                     |                                             |                                                          |                                              |                                                                    |                                            |                                                   |