

21 December 2023

**Environmental Accounts: Environmental Protection Expenditure Account
Year 2022**

**The National Expenditure on Environmental Protection increased
by 16.0% in 2022 and represented 1.84% of GDP**

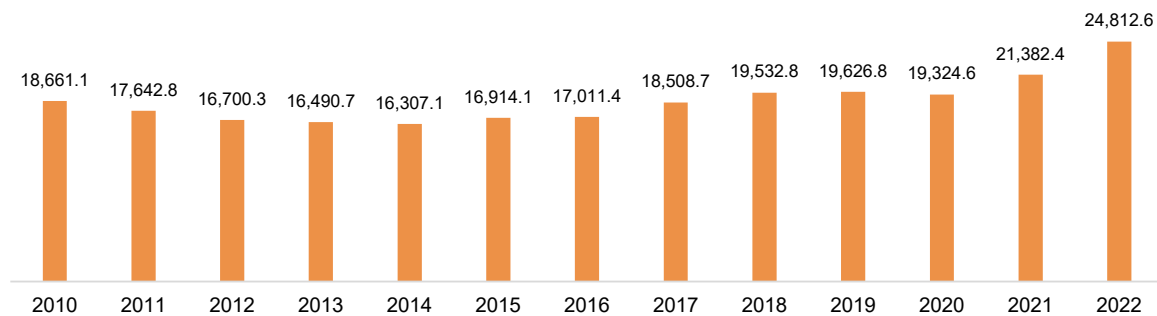
**The Corporate sector represented 52.0% of total expenditure, Public
Administrations 34.5% and Households 13.5%**

National Expenditure on Environmental Protection

The National Environmental Protection Expenditure (NEEP) reached €24,812.6 million in 2022, which represented 1.84% of Gross Domestic Product (GDP), nine hundredths more than in 2021.

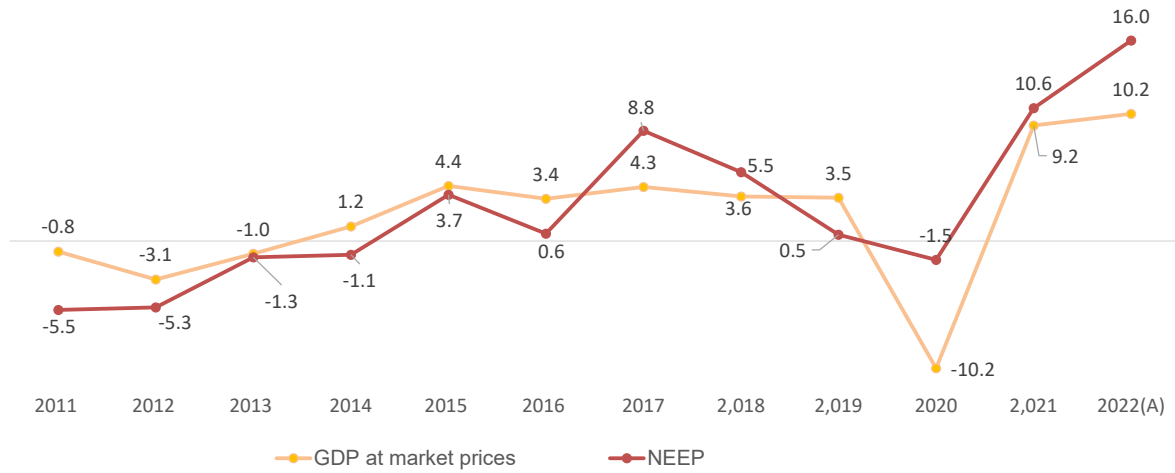
National Expenditure on Environmental Protection

Unit: EUR million



The NGPA increased by 16.0% compared to the previous year, 5.8 percentage points higher than the increase in GDP.

Annual change in GDP and National Expenditure on Environmental Protection. Percentages

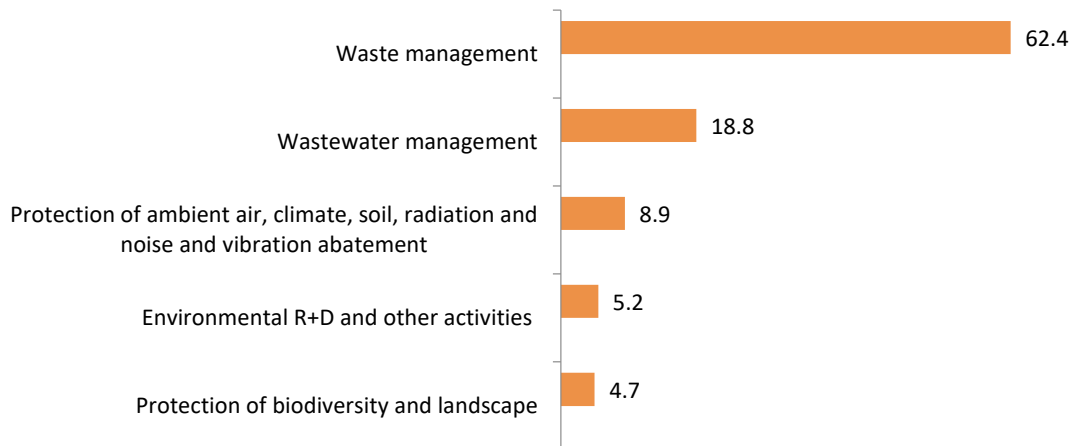


National Expenditure on Environmental Protection by area

The areas with the greatest weight in the NGPA in 2022 were *Waste Management services* (62.4% of total expenditure) and *Wastewater Management services* (18.8%).

On the other hand, those that had the lowest weight were *Biodiversity and Landscape Protection* (4.7%) and *Environmental R&D and other activities* (5.2%).

NEPS by area. 2022. Percentage



The greatest increase in expenditure compared to the previous year corresponded to the services of *Protection of Air, Climate and Soil; Radiation, Noise and Vibration Reduction* (20.3%) and *Wastewater management* (18.6%).

National Expenditure on Environmental Protection by areas. 2022

Millions of euros

| | Total | % annual variation | Impact | % GDP |
|---|--------|--------------------|--------|-------|
| TOTAL | 24,813 | 16.0 | | 1.84 |
| Waste management | 15,465 | 16.0 | 9.966 | 1.13 |
| Wastewater management | 4,677 | 18.6 | 3.435 | 0.35 |
| Protection of ambient air, climate, soil, radiation and noise and vibration abatement | 2,205 | 20.3 | 1.740 | 0.17 |
| Environmental R+D and other activities | 1,298 | 6.1 | 0.347 | 0.10 |
| Protection of biodiversity and landscape | 1,168 | 11.3 | 0.554 | 0.09 |

Regarding the contributions to the GNPA increase in 2022, the areas that contributed the most were *Waste Management* (9.966 points) and *Wastewater Management* (3.435).

National Expenditure on Environmental Protection by institutional sector

The *Corporations* sector accounted for 52.0% of total expenditure in 2022. More specifically, it amounted to 12,905 million euros, 17.5% more than in the previous year.

The expenditure of the *Public Administrations and NPISHs* sector represented 34.5% of the total. It reached 8,562 million euros, 20.8% more than in 2021.

On the other hand, *Households* increased their expenditure by 1.0% up to 3,346 million, representing 13.5% of the total.

National Expenditure on Environmental Protection by institutional sector. 2022

Millions of euros

| | Total | % annual variation | % of the total | Impact |
|------------------------------|--------|--------------------|----------------|--------|
| TOTAL | 24,813 | 16.0 | 100.0 | |
| Corporations | 12,905 | 17.5 | 52.0 | 8.755 |
| General Government and NPISH | 8,562 | 20.8 | 34.5 | 7.293 |
| Households | 3,346 | 1.0 | 13.5 | 0.149 |

The Corporations sector was the most important contributor to the increase in the GNPA, with a contribution of 8.755 points, followed by the *General government and NPISHs* sector with 7.293 points.

National Expenditure Components by institutional sector

The main national expenditure categories in 2022 corresponded to *Intermediate Consumption* (44.0% of the total), *Final Consumption* (41.3%) and *Gross Fixed Capital Formation* (15.5%).

The Public Administrations and NPISHs sector accounted for 67.4% of final consumption expenditure and the remaining 32.6% for the *Households* sector.

On the other hand, the *Corporations* sector contributed 53.2% of gross fixed capital formation, compared with 46.8% for the *General Government and NPISHs* sector.

National Expenditure Components. 2022

Millions of euros

| | Total economy | General Government and NPISH | Corporations | Households |
|---|---------------|------------------------------|--------------|------------|
| NEEP | 24,813 | 8,562 | 12,905 | 3,346 |
| Intermediate consumption ¹ | 10,922 | - | 10,922 | - |
| Gross fixed capital formation | 3,859 | 1,806 | 2,053 | - |
| Final consumption expenditure | 10,249 | 6,903 | - | 3,346 |
| EP transfers to / from Rest of the World ² | -218 | -147 | -71 | - |

¹ Intermediate consumption does not include consumption of environmental protection services by specialised producers of such services.

² Net transfers register the balance of transfers paid by the economy to the rest of the world minus those received from the rest of the world.

Data reviews and updates

The data published today is provisional in nature and will be revised when next year's data are released. The results are available at INEBase.

Methodological note

The objective of the Environmental Accounts (EA) is to integrate environmental information into the central system of National Accounts in a coherent way. They include a set of satellite accounts, which are transmitted annually, compiled using the accounting formats applicable to the different sectoral and territorial areas, with a strong use of physical data. They display the interactions between the economy, households and environmental factors.

The Environmental Protection Expenditure Account (EPEA) presents data on economic resources dedicated by resident units to Environmental Protection (EP). The account's main objective is to calculate the aggregate National Expenditure on Environmental Protection (NEEP).

This account can be used to construct indicators in key areas: spending on pollution prevention and abatement, contribution of EP activities to the economy and switching to pollution prevention technologies. In addition, by linking EP expenditure to data in physical terms, specific analyses can be carried out on the amount of waste treated, the extent of protected areas and the number of patents for EP products.

For further information, the methodology can be accessed at:

https://ine.es/dyngs/INEbase/es/operacion.htm?c=Estadistica_C&cid=1254736177048&menu=metodologia&idp=1254735976603

And the standardised methodological report at:

<https://www.ine.es/dynt3/metadatos/es/RespuestaDatos.html?oe=30088>

INE statistics are produced in accordance with the Code of Good Practice for European Statistics, which is the basis for the institution's quality policy and strategy. For more information, see the section [Quality in the INE and Code of Best Practices](#) on the INE website.

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