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ENVIRONMENTAL PROTECTION EXPENDITURE ACCOUNTS (EPEA) AND ENVIRONMENTAL GOODS AND SERVICES SECTOR (EGSS) ACCOUNTS, 2023 – Provisional Data

The monetary environmental accounts relating to the areas of environmental protection and resource management activities are presented here. They consist of the following two types of accounts: environmental protection expenditure accounts (EPEA) and environmental goods and services sector (EGSS) accounts.

Environmental protection expenditure accounts (EPEA) include investments and current expenditures in the environmental protection activity.

The total investments in environmental protection in 2023 amounted to **597 million euro**, which was an increase of 13.7% compared to 2022.

The total current expenditures on environmental protection in 2023 amounted to 727 million euro, which was an increase of 4.2% compared to 2022.

Environmental goods and services sector (EGSS) accounts include output, gross value added and the number of persons employed in the activities related to environmental protection and resource management.

The total output of the activities related to environmental protection and resource management in 2023 amounted to **3 540 million euro**, which was an increase of 27.0% compared to 2022.

In 2023, the gross value added was **1 373 million euro**, which was an increase of 23.4% compared to 2022.

Persons employed in environmental protection and resource management activities are reported in the full-time equivalent (FTE), which amounted to 47 400 in 2023, which was an increase of 2.7% compared to 2022.

Final data will be available in the database on 18 April 2025.

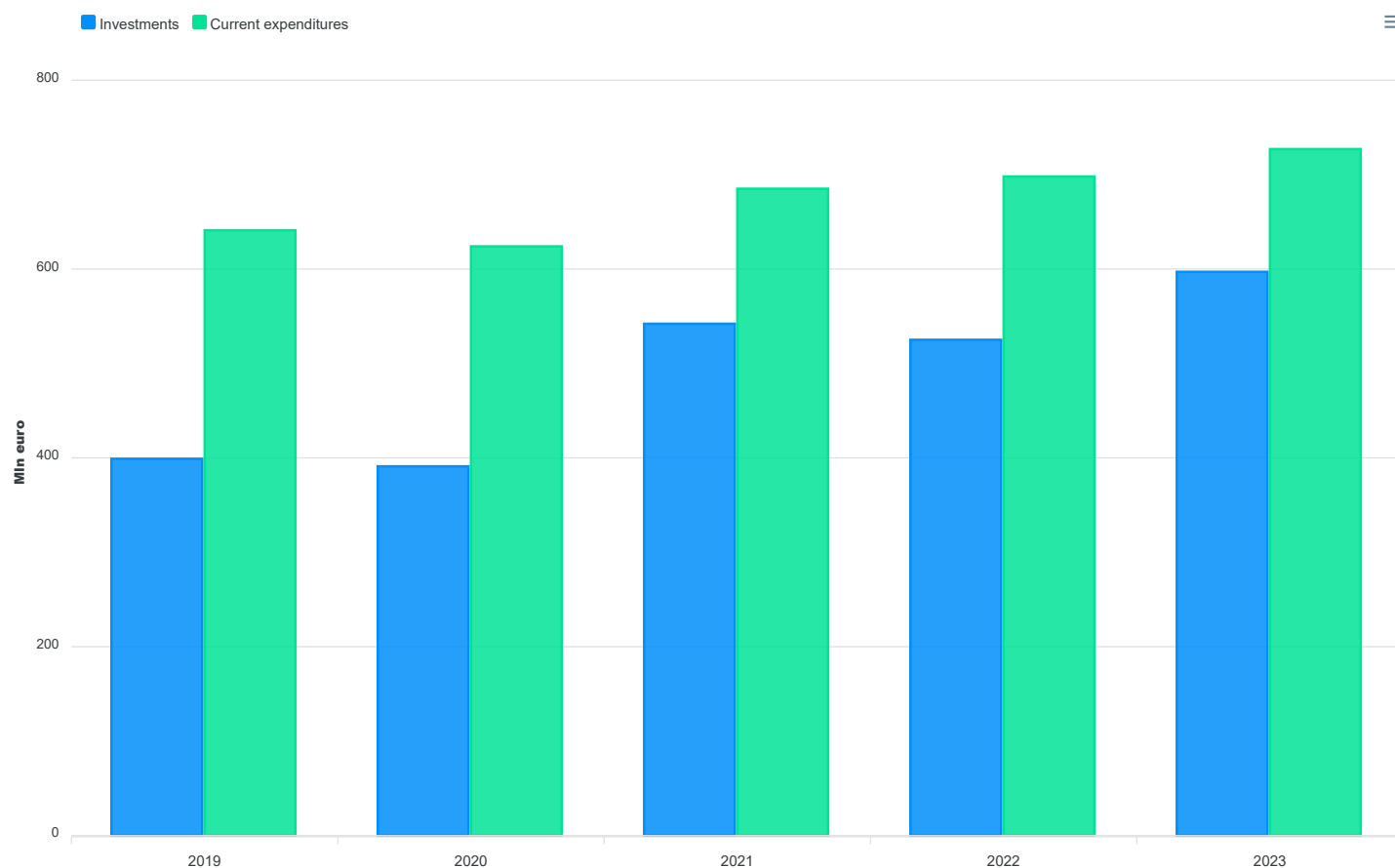
1 ENVIRONMENTAL PROTECTION EXPENDITURE ACCOUNTS (EPEA)

INVESTMENTS AND CURRENT EXPENDITURES IN ENVIRONMENTAL PROTECTION-RELATED ACTIVITIES, 2019 – 2023

Mln euro

	2019	2020	2021	2022	2023
Investments	399	391	542	525	597
Current expenditures	641	624	685	698	727

G-1 INVESTMENTS AND CURRENT EXPENDITURES IN ENVIRONMENTAL PROTECTION-RELATED ACTIVITIES, 2019 – 2023



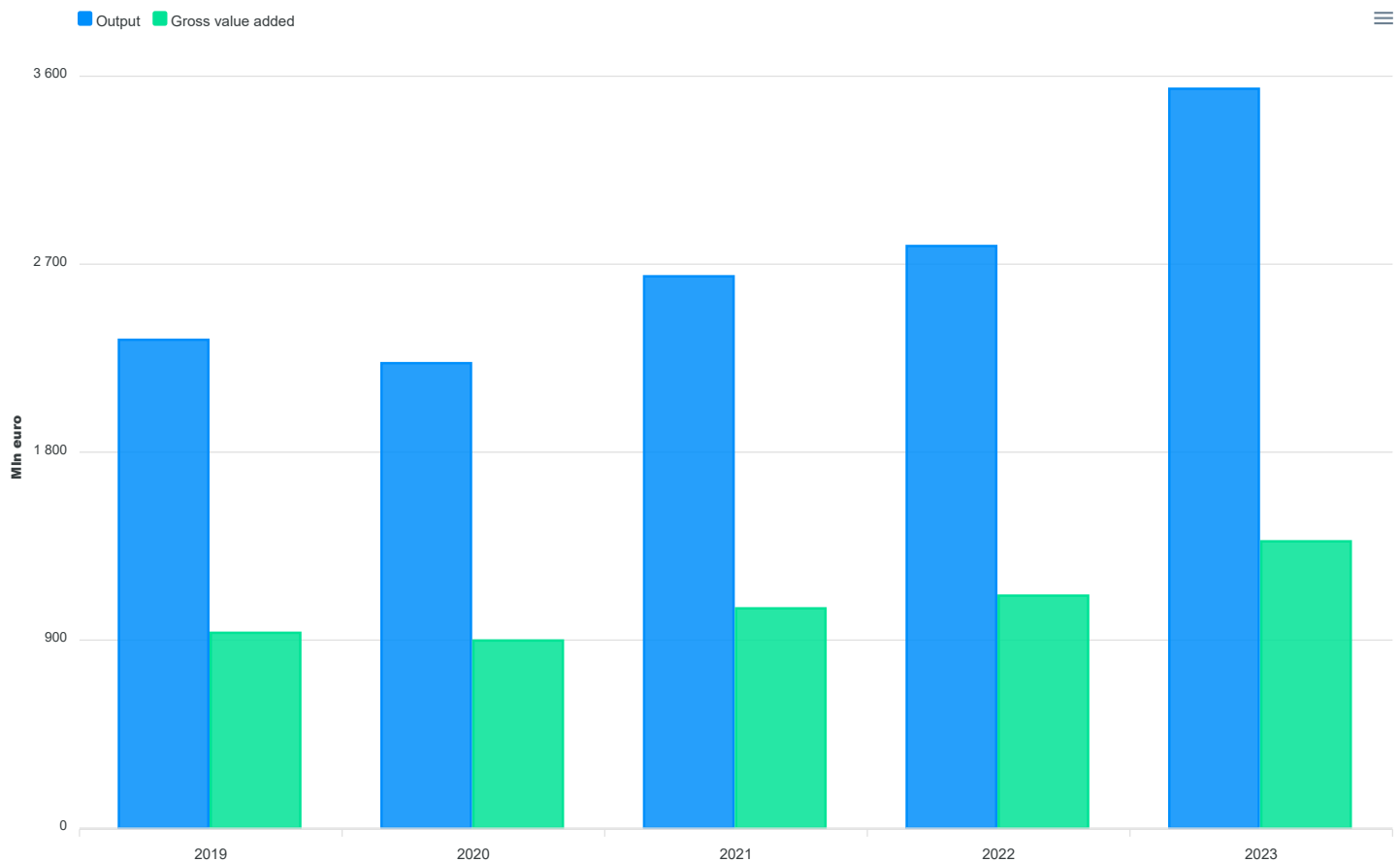
2 ENVIRONMENTAL GOODS AND SERVICES SECTOR ACCOUNTS (EGSS)

OUTPUT, GROSS VALUE ADDED AND PERSONS EMPLOYED IN ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT ACTIVITIES, 2019 – 2023¹⁾

	2019	2020	2021	2022	2023
Output (mln euro)	2 338	2 226	2 642	2 787	3 540
Gross value added (mln euro)	935	898	1 052	1 113	1 373
Persons employed (FTE)	40 878	40 613	43 623	46 147	47 400

1) The data are not comparable with the First Release OEN-2023-1-4 due to the expansion of data coverage in section D of the NKD 2007 (renewable energy sources).

G-2 OUTPUT AND GROSS VALUE ADDED IN ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT ACTIVITIES, 2019 – 2023¹⁾



1) The data are not comparable with the First Release OEN-2023-1-4 due to the expansion of data coverage in section D of the NKD 2007 (renewable energy sources).

NOTES ON METHODOLOGY

The compilation of data on environmental protection expenditure accounts (EPEA) and environmental goods and services sector (EGSS) accounts are based on the data from the survey Investments in Environmental Protection and Expenditures on Goods and Services in Environment in 2023 (IDU-OK form), which was conducted by the Croatian Bureau of Statistics on the basis of the Official Statistics Act (NN, Nos 25/20 and 155/23) and on the basis of the EPEA and EGSS modules from the Regulation (EU) No 691/2011 of the European Parliament and of the Council of 6 July 2011 on European environmental economic accounts and Regulation (EU) No 538/2014 of the European Parliament and of the Council of 16 April 2014 amending Regulation (EU) No 691/2011 on European environmental economic accounts (27 May 2014). The methodology used in calculation is also aligned with the European System of National Accounts (ESA 2010).

Definitions

Investments refer to the total realised investments in assets, methods, practices, technologies, processes and equipment for environmental protection. Realised investments are also construction works and asset acquisitions made during the reporting year, regardless of whether they were completed and paid for or not.

Environmental protection expenditure is the money spent on all purposeful activities directly aimed at the prevention, reduction and elimination of pollution or any other degradation of the environment resulting from production and consumption processes. It includes current expenditure on goods and services.

Output consists of those produced goods or services that become available for use outside the producer unit, any goods and services produced for own final use and goods that remain in the inventories at the end of the period in which they are produced. The EGSS output also includes ancillary output and non-market output.

Gross value added (GVA) provides a value for the amount of goods and services that have been produced, less the cost of all inputs and [raw materials](#) that are directly attributable to that production.

The full-time equivalent (FTE) is the number of full-time equivalent jobs, defined as total hours worked divided by average annual hours worked in full-time jobs (according to ESA 2010). According to the Regulation (EU) No 691/2011 on European environmental economic accounts (27 May 2014), the number of persons employed is to be reported in full-time equivalents (FTEs) in environmental accounts.

Environmental protection domains and resource management

Data on environmental accounts are collected for different environmental domains as defined by the Single European Statistical Classification of Environmental Protection Activities (CEPA 2000), adopted at the Conference of the European Statisticians in June 1994 and revised in 2000.

Environmental protection domains are divided into protection of air and climate, waste water management, protection and remediation of soil, groundwater and surface water, noise and vibration abatement, protection of biodiversity and landscape, protection against radiation, research and development and other environmental protection activities.

Environmental goods and services sector is engaged in management of water, forest resources, wild flora and fauna, energy resources, minerals, research and development of resources and other environmental resources.

Abbreviations

EU	European Union
Mln	million
NKD 2007	National Classification of Activities, 2007 version
NN	Narodne novine, official gazette of the Republic of Croatia

Published by the Croatian Bureau of Statistics, Zagreb, Ilica 3, P. O. B. 80

Phone: (+385 1) 48 06 111

Press corner: press@dzs.hr

Persons responsible:

Edita Omerzo, Director of Spatial Statistics Directorate

Lidija Brković, Director General

Prepared by:

Darko Jukić, Gordana Lepčević, Željka Kovaček Čuklić and Bernarda Šimunić

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Customer Relations and Data Protection Department

Information and user requests

Phone: (+385 1) 48 06 138, 48 06 154, 48 06 115

E-mail: stat.info@dzs.hr

Subscription

Phone: (+385 1) 21 00 455

E-mail: prodaja@dzs.hr