

## Environmental Goods and Services sector account: the value produced by Eco industries

Years 2014-2017

The National Institute of Statistics releases for the first time the estimates of the environmental goods and services sector (EGSS) account, the so-called eco industries.

This new account focuses on the supply of goods and services specifically designed and produced for environmental protection or resource management. Supply is measured in terms of output, value added, exports and full time equivalent units. At present, the account covers only market production, i.e. production sold on the market, while it excludes non market activities and production for own final consumption by enterprises, institutions or households.

As a satellite environmental account, EGSS allows specific in-depth analysis, through consistent and comparable estimates with the main macro-aggregates of national accounts.

In 2017, the value added of the eco industries, at basic prices, was 36 billion euros at current prices (+0.9% over the previous year). The share of eco industries accounted for 2.3% of the total value added of the Italian economy.

In terms of output, environmental goods and services accounted for 2.4% of the economy. In 2017, the value of production exceeded 77 billion (+1.9% over the previous year).

In 2017, 386 thousand full time equivalent units worked in the eco industries sector (+0.5% compared with 2016).

Preliminary estimates showed that more than 65% of the value added generated by eco industries derived from the production of goods and services for resource management (i.e. conceived to preserve, maintain and enhance the stock of natural resources and safeguard those resources against depletion) in 2017.

The complementary share of the total value added (35%) derived from the production of goods and services, whose main purpose was environmental protection (i.e. prevention, reduction and elimination of pollution and of any other degradation of the environment).

Management of energy resources accounted for the highest share of value added of eco industries (60%), followed by waste management (19.7%).

In terms of output, environmental protection (50.7%) and resource management were almost equivalent.

Most of full time equivalent units were engaged in the sector devoted to products for environmental protection (52.2%).

From 2014 to 2017, organic agriculture and recovery of materials increased more than all the other environmental products.

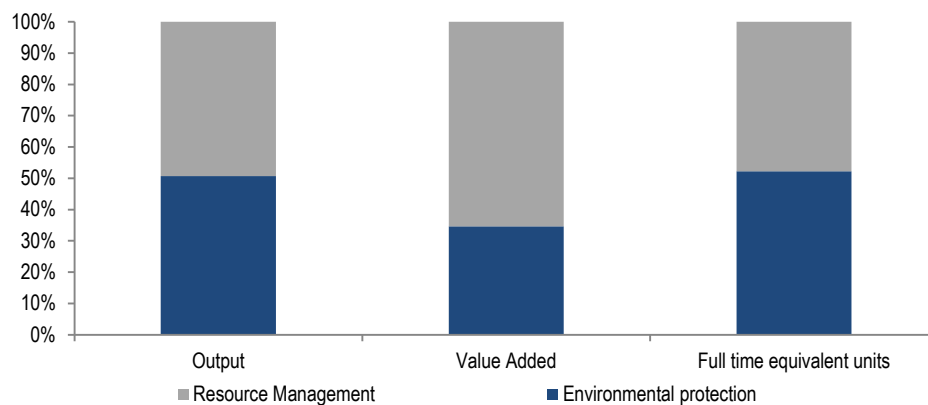
In the years 2014-2016, exports accounted for around 5% of EGSS output.

### KEY FIGURES OF ECO INDUSTRIES

Years 2016 e 2017, values at current prices and % change)

	2016	2017	var. %
Value added (millions of euros)	35,724	36,034	0,9
Output (millions of euros)	76,351	77,781	1,9
Full time equivalent units (thousands)	386	388	0,5

FIGURE 1. Output, value added and full time equivalent units by environmental purpose.



**For more details, please refer to the Italian version.**

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Contact person:

**Federica Battellini**  
e-mail: [battelli@istat.it](mailto:battelli@istat.it)  
phone +39 06 4673.3149

## Sources of information used

The main data sources for the compilation of EGSS accounts' aggregates are:

- National Accounts: supply and use tables, gross fixed capital formation by industry, annual accounts for the agriculture sector, exports by product, value added by economic activity, employment (full time equivalent units);
- Environmental Accounts: Physical Energy Flow Accounts (PEFA);
- Surveys: PRODCOM statistics, Structural Business Statistics (enterprises' investments, expenditure for repair and maintenance, environmental protection expenditure collected through the Survey on Economic and financial accounts of large enterprises and the Survey on the small and medium enterprises);
- Administrative data: vehicles inspection register, motor vehicles' register, Eco-Management and Audit Scheme (EMAS) certification register;
- Other: individual companies' financial, economic and environmental accounts, reports of Renewable Energy Producers Associations, investments and O&M costs in the renewable energy sector.

## Reference framework

Data are compliant with the requirements of the Eu Regulation No 538/2014 on European environmental economic accounts (amending Regulation No 691/2011).

The estimates are broken down by:

- classification of economic activities, NACE Rev. 2 (A\*21 aggregation level as set out in ESA),
- classes or grouping of classes of the classification of environmental protection activities (CEPA) and the classification of resource management activities (CReMA).

## Link

Detailed data and analysis are available at

- [www.istat.it](http://www.istat.it) : Italian version of this report "Il conto dei beni e servizi ambientali. Il valore del settore delle ecoindustrie"
- I.stat datawarehouse: <http://dati.istat.it/> section: "national accounts – environmental accounts".

Data and analysis at the European level:

- Eurostat database: <https://ec.europa.eu/eurostat/data/database>.  
In the data navigation tree: "database by themes \ environment and energy \ environment \ environmental goods and services sector".
- "Environmental economy – statistics on employment and growth"  
[https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Environmental\\_economy\\_%E2%80%93\\_statistics\\_on\\_employment\\_and\\_growth#Evolution\\_of\\_gross\\_value\\_added\\_of\\_the\\_environmental\\_economy](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Environmental_economy_%E2%80%93_statistics_on_employment_and_growth#Evolution_of_gross_value_added_of_the_environmental_economy)
- Environmental economy – statistics  
[https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Environmental\\_economy\\_-\\_statistics](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Environmental_economy_-_statistics)

Handbook and practical guide:

- "Environmental goods and services sector accounts. Handbook" (2016)  
<https://ec.europa.eu/eurostat/documents/3859598/7700432/KS-GQ-16-008-EN-N.pdf/f4965221-2ef0-4926-b3de-28eb4a5faf47>
- "Environmental goods and services sector accounts. Practical guide" (2016)  
<https://ec.europa.eu/eurostat/documents/3859598/7741794/KS-GQ-16-011-EN-N.pdf/3196a7bc-c269-40ab-b48a-73465e3edd89>