

18 December 2020

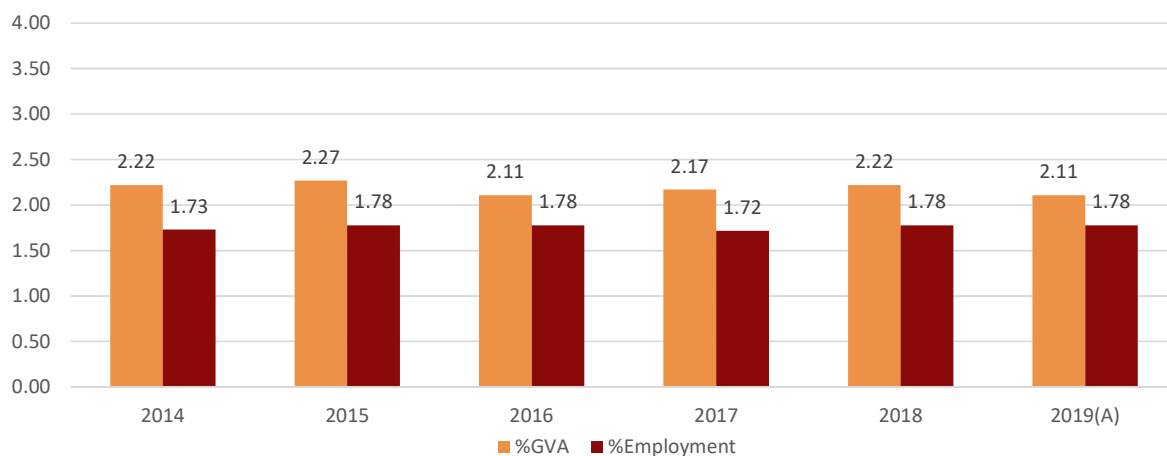
Environmental accounts: Environmental goods and services
Preview year 2019

The Gross Value Added of the environmental economy decreased by 1.8% in 2019 and represented 2.11% of GDP

The environmental economy generated 327.0 thousand jobs, 1.78% of the total economy

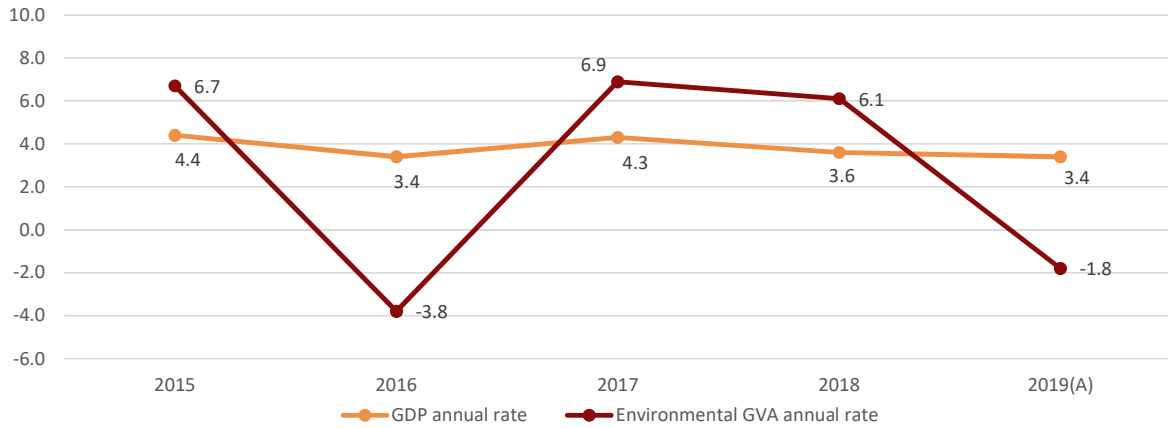
The environmental economy, defined as the value of the activities associated with the protection of the environment and the management of natural resources, decreased by 1.8% in 2019 compared to the previous year and represented 2.11% of the Gross Domestic Product (GDP). Employment generated by environmental activities accounted for 1.78% of the total.

GVA and environmental employment (percentages of GDP and total employment)

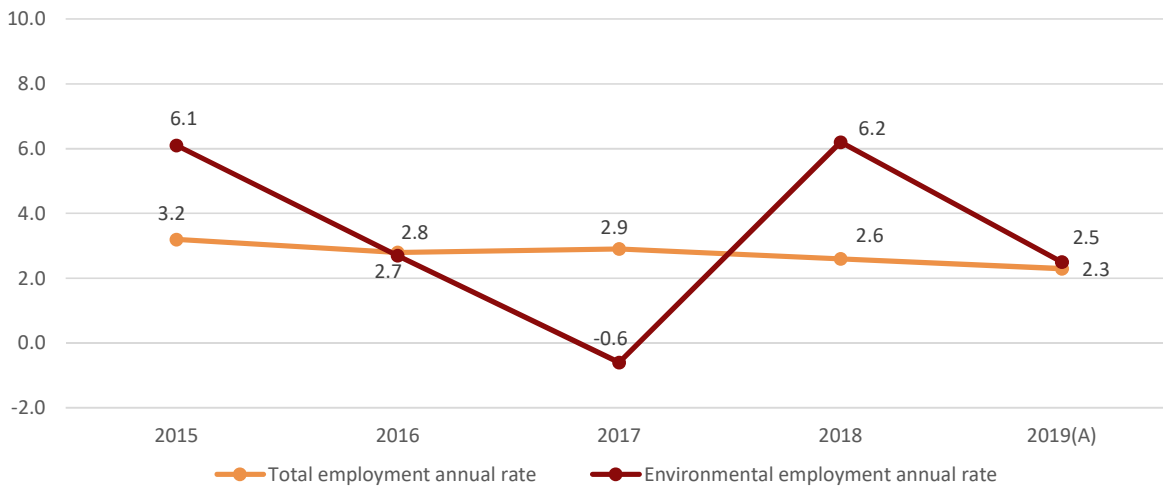


The Gross Value Added (GVA) associated with the production of environmental goods and services (hereinafter environmental GVA) stood at 26,224.7 million euros, 1.8% less than in the previous year, while the Gross Domestic Product (GDP) increased by 3.4%.

Annual variation of GDP and environmental GVA



Environmental employment amounted to 327.0 thousand full-time equivalent jobs in 2019. This was an increase of 2.5% compared to the previous year, and was one tenth higher than the growth of total employment in the economy that year.



Annual variation of total employment and environmental employment

The variables included in the Environmental Goods and Services Sector (EGSS) Account are classified according to the domain of the affected environment and by economic activities.

Results by environmental domain

The domain with a greater influence over the total environmental GVA generated corresponded to *Energy production through renewable sources* (35.7% of the total), followed by *Waste management* (23.0% of the total).

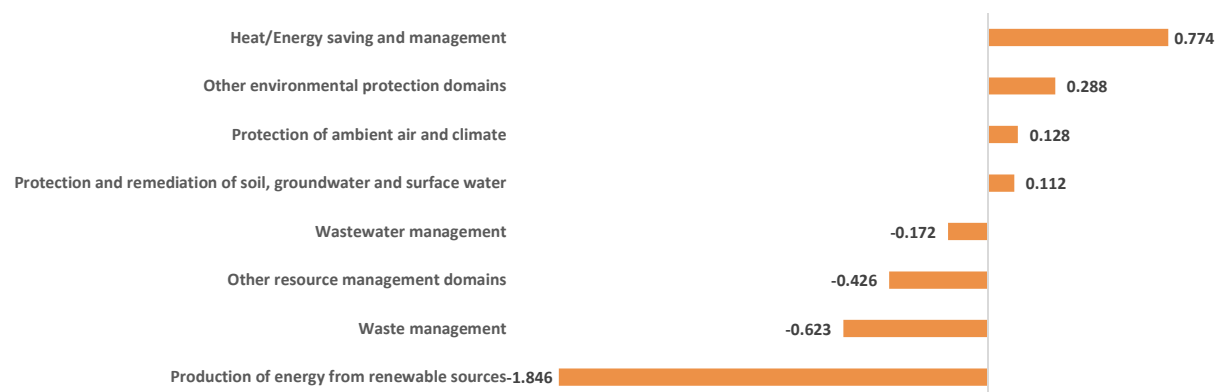
GVA by environmental domains. Year 2019

Unit: millions of euros

	GVA	%	Annual Rate	Influence on the annual rate
TOTAL	26,224.7	100.0	-1.8	
Production of energy from renewable sources	9,356.2	35.7	-5.0	-1,846
Waste management	6,025.2	23.0	-2.7	-0,623
Heat / Energy saving and management	3,311.1	12.6	6.7	0,774
Other environmental protection domains	2,112.8	8.1	3.8	0,288
Wastewater management	1,645.7	6.3	-2.7	-0,172
Other resource management domains	1,601.1	6.1	-6.6	-0,426
Protection and remediation of soil, groundwater and surface water	1,533.1	5.8	2.0	0,112
Protection of ambient air and climate	639.5	2.4	5.7	0,128

The area *Energy and/or heat savings and management* contributed the most to the variation rate (0.774 points), while *Energy production through renewable sources* had the most negative contribution (-1.846 points).

GVA by environmental domains (contribution). Year 2019



The environmental domains in which more employment was generated were *Waste management* (36.3% of the total) and *Other areas of environmental protection* (13.7%).

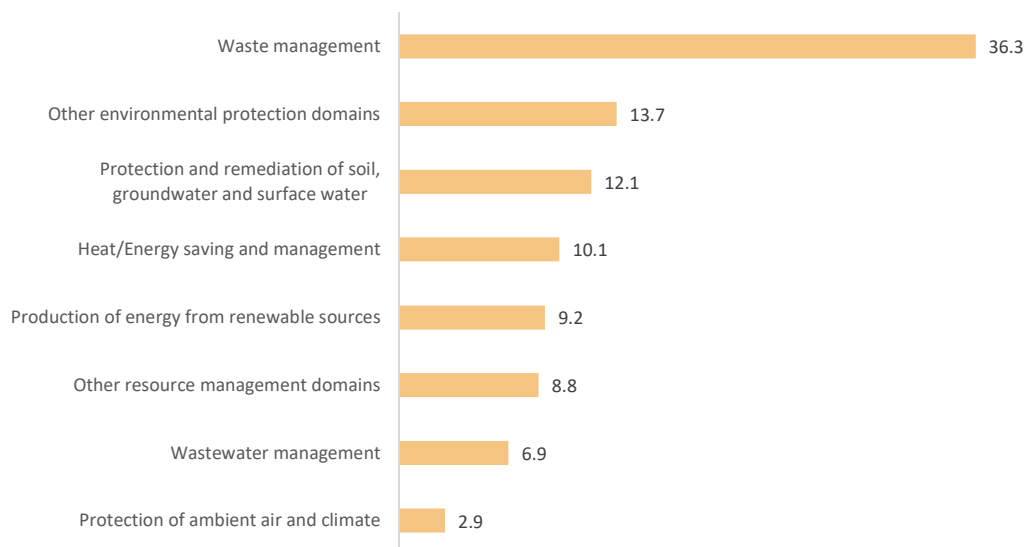
The areas that contributed the most to employment growth were *Waste management* (0.962 points) and *Protection and remediation of soils, groundwater and surface water* (0.627 points).

Employment by environmental domains. Year 2019

Unit: thousands of jobs equivalent to full-time

	2019	%	Annual Rate	Influence on the annual rate
TOTAL	327.0	100.0	2.5	
Waste management	118.8	36.3	2.7	0,962
Other environmental protection domains	44.9	13.7	2.5	0,345
Protection and remediation of soil, groundwater and surface water	39.7	12.1	5.3	0,627
Heat / Energy saving and management	32.9	10.1	4.4	0,439
Production of energy from renewable sources	29.9	9.2	2.0	0,188
Other resource management domains	28.6	8.8	-4.7	-0,439
Wastewater management	22.7	6.9	0.9	0,063
Protection of ambient air and climate	9.5	2.9	11.8	0,313

Employment by environmental domains (in percentage). Year 2019



Results by economic activities

Activities with the greatest weight in terms of environmental GVA in 2019 were *Electricity, gas, steam and air conditioning supply* (37.0% of the total), as well as *Water supply, sewerage, waste management and remediation activities* (27.9%).

The Construction sector had the most positive contribution to the growth rate compared to the previous year (0.225 points), while the contribution of *Electricity, gas, steam and air conditioning supply* was the most negative (-1.142 points).

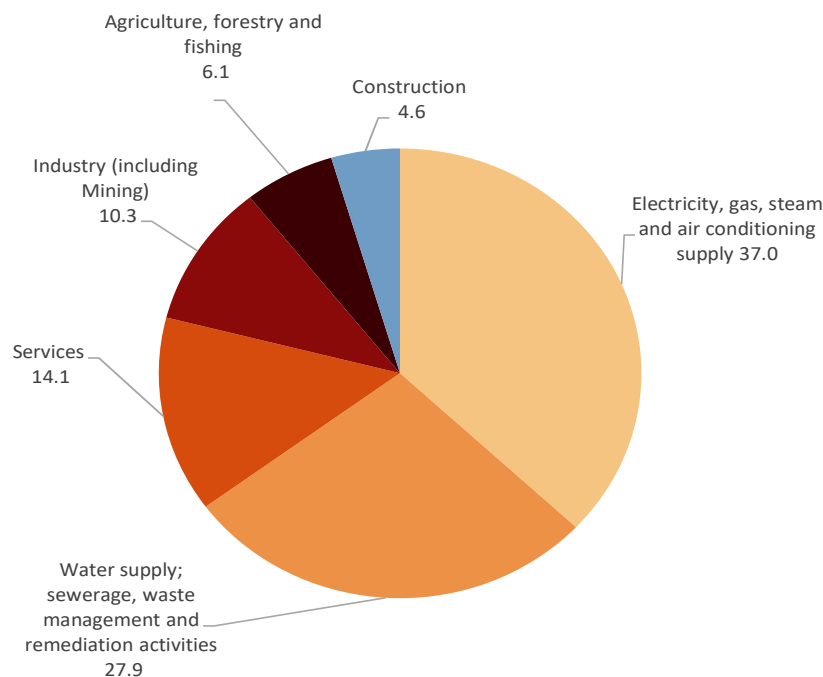
GVA by economic activities. Year 2019

Unit: millions of euros

	GVA	Annual Rate	Influence on the annual rate	% GVA
TOTAL	26,224.7	-1.8		2.11
Electricity, gas, steam and air conditioning supply	9,700.7	-3.0	-1,142	0.78
Water supply; sewerage, waste management and remediation activities	7,326.0	-3.7	-1,063	0.59
Services	3,696.5	-0.8	-0,113	0.30
Industry (including Mining)	2,701.9	1.6	0,163	0.22
Agriculture, forestry and fishing	1,598.7	2.9	0,167	0.13
Construction	1,200.9	5.3	0,225	0.09

Environmental GVA by economic activities (in percentage). Year 2019

The economic activities with the highest environmental employment were *Water supply, sewerage, waste management and remediation activities*,



sewerage, waste management and remediation activities (39.3% of the total environmental employment) and *Services* (24.2%).

Water supply, sewerage, waste management and remediation activities contributed the most to the employment growth rate (0.940 points). In turn, *Electricity, gas, steam and air conditioning supply* recorded the highest annual increase, of 13.5%.

Employment by activity sectors. Year 2019

Unit: thousands of jobs equivalent to full-time

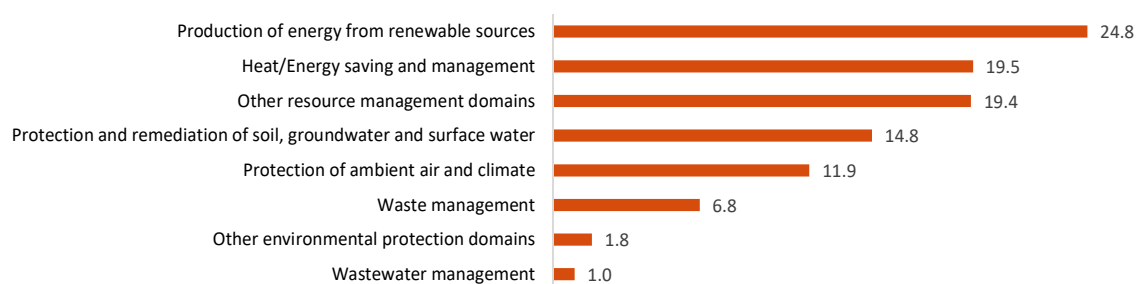
	Environmental employment	Annual Rate	Influence on the annual rate	% Total employment
TOTAL	327.0	2.5		1.78
Water supply; sewerage, waste management and remediation	128.6	2.4	0,940	0.70
Services	79.0	-0.6	-0,157	0.43
Industry (including Mining)	42.5	2.9	0,376	0.23
Agriculture, forestry and fishing	40.9	5.4	0,658	0.22
Construction	21.7	1.4	0,094	0.12
Electricity, gas, steam and air conditioning supply	14.3	13.5	0,533	0.08

Exports

The total of environmental production destined for export rose to 6,539.2 million euros in 2019, representing a decrease of 1.6% over the previous year.

The areas with the greatest weight in terms of exports were *Energy production through renewable sources* (24.8% of the total) and *Energy and/or heat savings and management* (19.5%). These exports include energy products (biofuels) and capital goods linked to the production of renewable energy (wind turbines) and lower energy consumption (predominantly appliances of the highest energy certification).

Exports by environmental domains (in percentage). Year 2019



Data Review and Update

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

Methodological note

The Environmental Accounts (EA) is a synthesis statistical operation whose general objective is to integrate environmental information in a coherent way into the central system of National Accounts, following the methodology of the System of Environmental-Economic Accounting (SEEA) developed by the United Nations, which constitutes the conceptual framework of the EA.

The Environmental Goods and Services Sector (EGSS) Account presents data on the main variables associated with the production of goods and services whose main objective is the protection of the environment and/or the most efficient management of natural resources, classified by economic activities and environmental domains.

For more information the methodology can be accessed at:

https://www.ine.es/dynqs/INEbase/en/operacion.htm?c=Estadistica_C&cid=1254736177053&menu=metodologia&idp=1254735976603

The standardized methodological report is at:

<https://www.ine.es/dynt3/metadatos/en/RespuestaDatos.html?oe=30089>

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 on [Quality at INE and the Code of Best Practices](#) on the INE website.

For further information see **INEbase**: www.ine.es/en/ Twitter: [@es_ine](https://twitter.com/es_ine)

All press releases at: www.ine.es/prensa/prensa_en.htm

Press office: Telephone numbers: (+34) 91 583 93 63 /94 08 – gprensa@ine.es

Information Area: Telephone number: (+34) 91 583 91 00 – www.ine.es/infoine/?L=1
