

23 July 2020

## Statistics on Environmental Protection Activities Year 2018

**The industry allocated 2,626 million euros to environmental protection, which represented 0.4% of turnover**

**Industry expenditure on environmental protection increased by 4.2% in 2018**

**38.6% of the expenditure was dedicated to waste management**

Industry expenditure on environmental protection amounted to 2,626 million euros in 2018, with an increase of 4.2% over the previous year. This figure represented 0.40% of the sector's turnover.

Current expenditure on environmental protection increased by 4.5%, while investment increased by 3.3%.

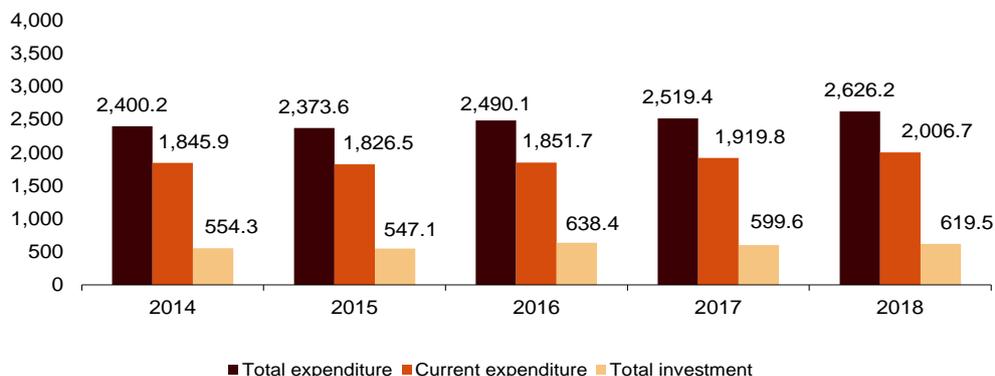
### Industrial activities expenditure on environmental protection. Year 2018

	Amount (thousand euros)	% annual rate	% turnover <sup>1</sup>
Total expenditure	2,626,234.5	4.2	0.40
Current expenditure	2,006,678.1	4.5	0.31
Investment	619,556.4	3.3	0.09

<sup>1</sup>Turnover obtained from SBS: industrial sector

### Environmental protection current expenditure and investment within industrial activities. Year 2018

Million euros



### Results by environmental areas

The area of *Waste Management* experienced the highest annual growth (10.2%), followed by *Protection of air and climate* (2.0%). With 1,014 million euros, *Waste management* represented 38.6% of the total.

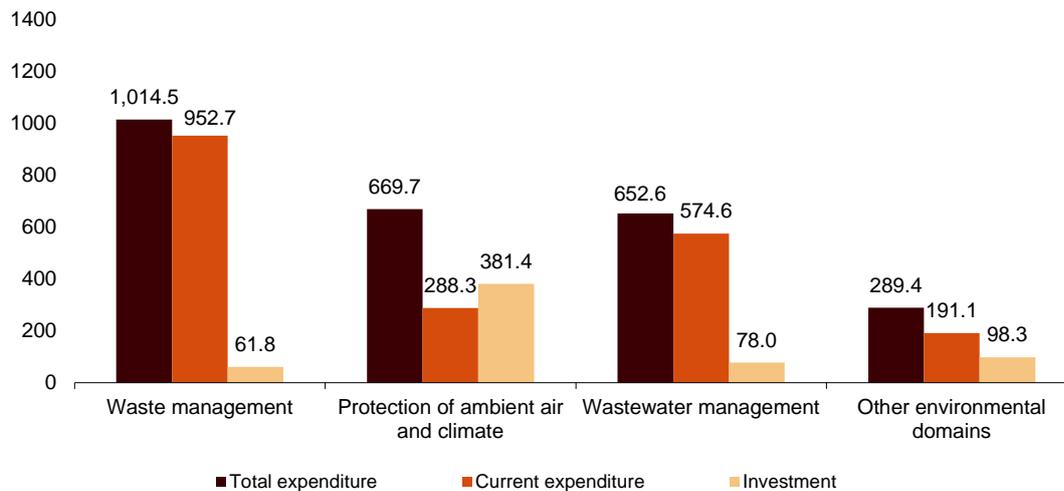
### Total expenditure by environmental domain. Year 2018

	Amount (thousand euros)	% total	% annual rate
TOTAL EXPENDITURE	2,626,234.5	100.0	4.2
Waste management	1,014,474.9	38.6	10.2
Protection of ambient air and climate	669,656.4	25.5	2.0
Wastewater management	652,585.9	24.8	0.2
Other environmental domains <sup>1</sup>	289,517.3	11.1	-0.5

<sup>1</sup> Includes protection and remediation of soil and groundwater and surface water, noise and vibration abatement and other activities.

By expense type, the highest current expenditure was registered in the area of *Waste Management*, with 952.7 million euros, while investments the area of *Protection of air and climate* was of note, with 381.4 million euros.

### Expenditure by type and environmental domain. Million euros



## Results by industrial sector

The sectors concentrating the highest total expenditure on environmental protection in 2018 were *Food, beverages and tobacco* (23.8% of the total), *Chemicals and pharmaceuticals* (17.2%) and *Metallurgy and manufacture of metal products* (15.0%).

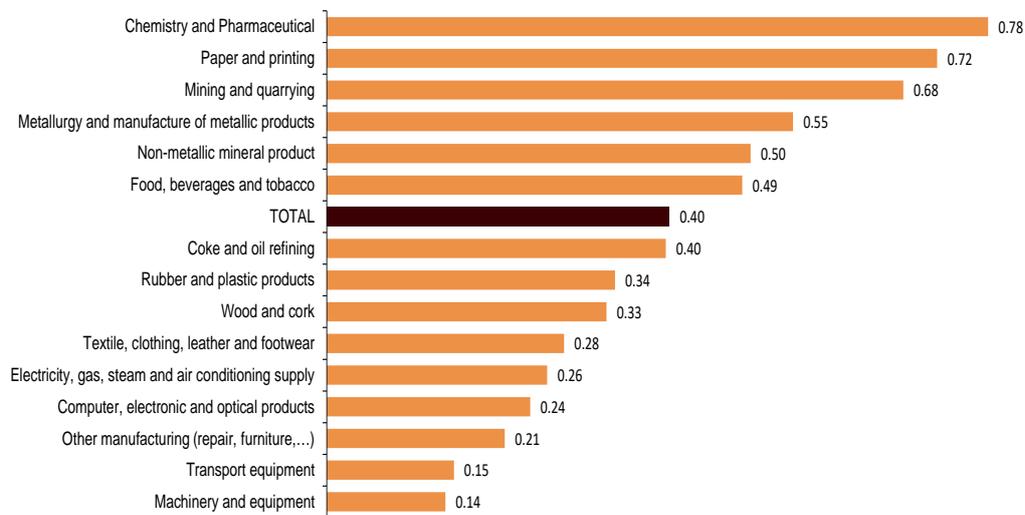
Total expenditure increased by 4.2% over the previous year. The sector with the highest annual variation rate was *Wood and cork* with 40.5%, followed by the *Machinery and equipment* sector with 23.0%. In contrast, the *Electricity, gas, steam and air conditioning supply* sector registered a decrease of 23.4%.

Total expenditure on environmental protection represented 0.40% of industry turnover in the year 2018. The sectors in which this proportion was highest were the *Chemical and pharmaceutical industry* (0.78%) and *Paper, graphic arts and reproduction of recorded media* (0.72%).

### Total expenditure on environmental protection compared to turnover, by industrial sector. Year 2018

Sector	Amount (thousand euros)	% total	% annual rate	% turnover
<b>TOTAL</b>	<b>2,626.234.5</b>	<b>100.0</b>	<b>4.2</b>	<b>0.40</b>
Mining and quarrying	28,089.9	1.1	-1.6	0.68
Food, beverage and tobacco	625,281.5	23.8	4.8	0.49
Textile, clothing, leather and footwear	41,986.0	1.6	4.3	0.28
Wood and cork	24,758.0	0.9	40.5	0.33
Paper and printing	144,244.2	5.5	-5.0	0.72
Coke and oil refining	227,233.2	8.7	14.8	0.40
Chemistry and pharmaceutical	451,556.5	17.2	9.8	0.78
Rubber and plastic products	73,096.3	2.8	4.8	0.34
Non-metallic mineral products	100,418.8	3.8	5.0	0.50
Metallurgy and manufacture of metallic products	392,854.4	15.0	14.5	0.55
Computer, electronic and optical products	55,658.1	2.1	4.8	0.24
Machinery and equipment	30,986.2	1.2	23.0	0.14
Transport equipment	137,357.7	5.2	9.7	0.15
Other manufacturing (repair and maintenance, furniture,...)	42,640.7	1.6	16.9	0.21
Electricity, gas, steam and air conditioning supply	250,073.0	9.5	-23.4	0.26

**Expenditure compared to turnover by industrial sector. Year 2018. Percentage**



By expense type, the sectors concentrating the highest current expenditure on environmental protection in 2018 were *Food, beverages and tobacco* (28.0% of the total), *Chemicals and pharmaceuticals* (16.7%) and *Metallurgy and manufacture of metal products* (15.4%).

The sectors with the highest investment in environmental protection were *Coke ovens and petroleum refining*, and *Chemicals and pharmaceuticals*, with 18.9% and 18.8%, respectively.

**Current expenditure and investment by industrial sector. Year 2018.**

Sector	Current expenditure (thousand euros)	Current expenditure (% total)	Investment (thousand euros)	Investment (% total)
<b>TOTAL</b>	<b>2,006,678.1</b>	<b>100.0</b>	<b>619,556.4</b>	<b>100.0</b>
Quarrying and mining	19,571.5	1.0	8,518.3	1.4
Food, beverage and tobacco	561,821.4	28.0	63,460.2	10.3
Textile, clothing, leather and footwear	38,170.9	1.9	3,815.2	0.6
Wood and cork	17,693.7	0.9	7,064.3	1.1
Paper and printing	119,084.2	5.9	25,160.0	4.1
Coke and oil refining	110,227.1	5.5	117,006.1	18.9
Chemical and pharmaceutical	335,309.2	16.7	116,247.3	18.8
Rubber and plastic products	55,154.3	2.8	17,941.9	2.9
Non-mineral metallic products	79,103.8	3.9	21,315.0	3.4
Metallurgy and manufacturing of metallic products	309,287.3	15.4	83,567.2	13.5
Computer, electronic and optical products	48,102.9	2.4	7,555.1	1.2
Machinery and equipment	28,341.0	1.4	2,645.2	0.4
Transport equipment	108,156.9	5.4	29,200.7	4.7
Other manufacturing (repair and maintenance, furniture,...)	38,853.4	1.9	3,787.3	0.6
Electricity, gas, steam and air conditioning supply	137,800.5	6.9	112,272.6	18.1

## Results by Autonomous Communities

Industrial establishments in Cataluña made the largest expenditure on environmental protection in the year 2018, with 21.8% of the national total. It was followed by Andalucía (13.7% of the total) and Comunitat Valenciana (9.6%). By components, the highest current expenditure was made in Cataluña (483.3 million euros) and the highest investment in Andalucía (105 million euros).

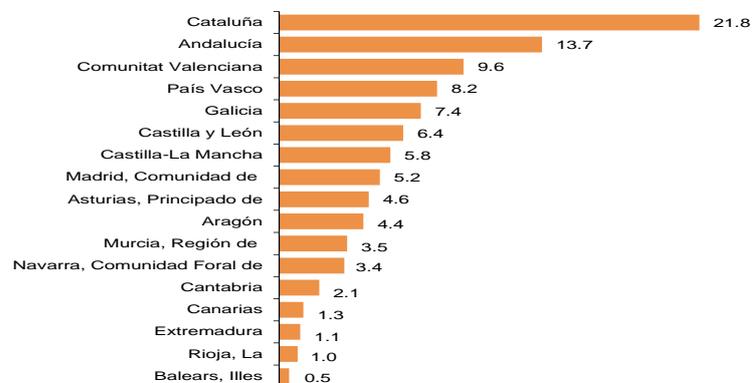
### Total environmental protection expenditure by regions. Year 2018

	TOTAL EXPENDITURE		Current expenditure		Investment	
	Amount (thousand euros)	% total	Amount (thousand euros)	Amount (thousand euros)	Amount (thousand euros)	Amount (thousand euros)
TOTAL <sup>1</sup>	2,626,234.5	100.0	2,006,678.1		619,556.4	
Andalucía	358,528.6	13.7	253,544.4		104,984.2	
Aragón	114,716.5	4.4	91,840.5		22,876.0	
Asturias, Principado de	122,111.6	4.6	75,843.1		46,268.5	
Balears, Illes	13,651.8	0.5	9,542.8		4,109.0	
Canarias	32,941.7	1.3	28,457.5		4,484.2	
Cantabria	54,630.4	2.1	40,031.8		14,598.6	
Castilla y León	169,141.2	6.4	137,845.1		31,296.1	
Castilla-la Mancha	151,654.8	5.8	118,510.2		33,144.6	
Cataluña	573,266.6	21.8	483,346.9		89,919.7	
Comunitat Valenciana	251,568.2	9.6	199,346.7		52,221.5	
Extremadura	28,739.7	1.1	21,891.1		6,848.6	
Galicia	193,330.6	7.4	112,855.2		80,475.4	
Madrid, Comunidad de	137,377.1	5.2	100,829.2		36,547.3	
Murcia, Región de	92,761.5	3.5	69,310.5		23,451.0	
Navarra, Comunidad Foral de	88,876.7	3.4	75,876.2		13,000.5	
País Vasco	215,440.4	8.2	163,895.5		51,544.9	
Rioja, La	25,345.7	1.0	22,071.0		3,274.7	

<sup>1</sup> Data for the autonomous cities Ceuta and Melilla are included in the TOTAL, but are not released separately, in order to preserve statistical secrecy.

### Total environmental protection expenditure within industrial activities. Year 2018.

% total



## Data Review and Update

The data published today is final. All results are available on INEBase.

## Methodological note

The main objective of the Environmental Protection Activities Statistics is to obtain regular, representative and comparable data on the expenses companies make in order to evaluate national and community policy in the environmental area.

The Survey of Industry Expenditure on Environmental Protection shows expenses on environmental protection, both current and investment expenses, in order to avoid, reduce or eliminate pollution resulting from the industry activities (emissions of pollutants into the air, noise pollution, treatment of waste water and solid waste, etc.).

The fundamental variable for the survey, investment, is broken down by environmental field for both types of existing equipment, “end-of-pipe” equipment and integrated equipment.

For more information you can access the methodology at:

<https://ine.es/en/index.htm>

And the standardized methodological report in:

<https://ine.es/dynt3/metadatos/en/RespuestaDatos.html?oe=30066>

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For more information see **INEbase** – [www.ine.es](http://www.ine.es) Twitter: **@es\_ine**

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