

16 July 2015

**Survey on Industry Expenditure on Environmental Protection
Year 2013**

**Expenditure by industry on environmental protection stands at
2,312 million euros, that is, 1.6% less than in 2012**

**Current expenditure increases 1.8%, while investment decreases
10.9% in its annual rate**

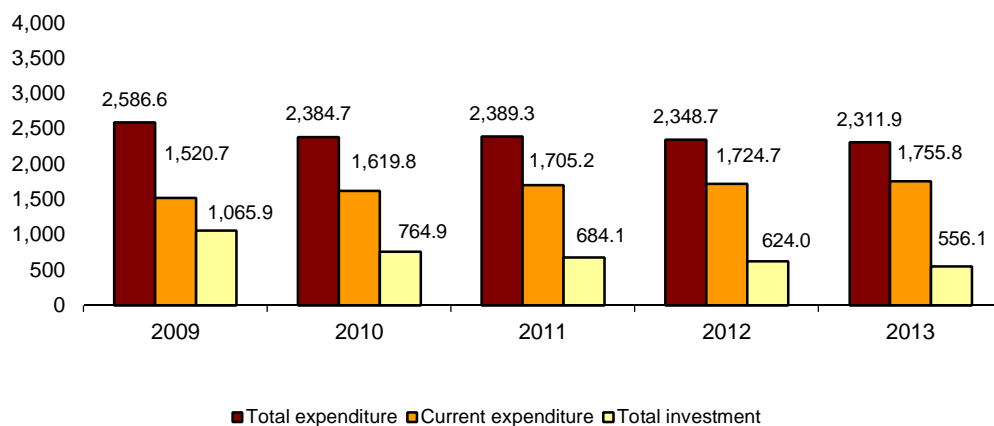
Expenditure by industrial establishments on environmental protection rose to 2,312 million euros in 2013, indicating a 1.6% decrease, as compared with the previous year. The current expenditure allocated to environmental protection increased 1.8%. In turn, the investment registered a 10.9% decrease in its annual rate.

Industry expenditure on environmental protection. Year 2013

Unit: thousand euros

	Value	% over total	% annual variation
TOTAL EXPENDITURE	2,311,874.9	100.0	-1.6
CURRENT EXPENDITURE	1,755,756.6	75.9	1.8
INVESTMENT	556,118.3	24.1	-10.9

**Current industry expenditure and investment in environmental protection
(million euros)**



Regarding equipment and facilities, 60.4% of the investment was in integrated equipment and installations and 39.6% in independent equipment and installations.

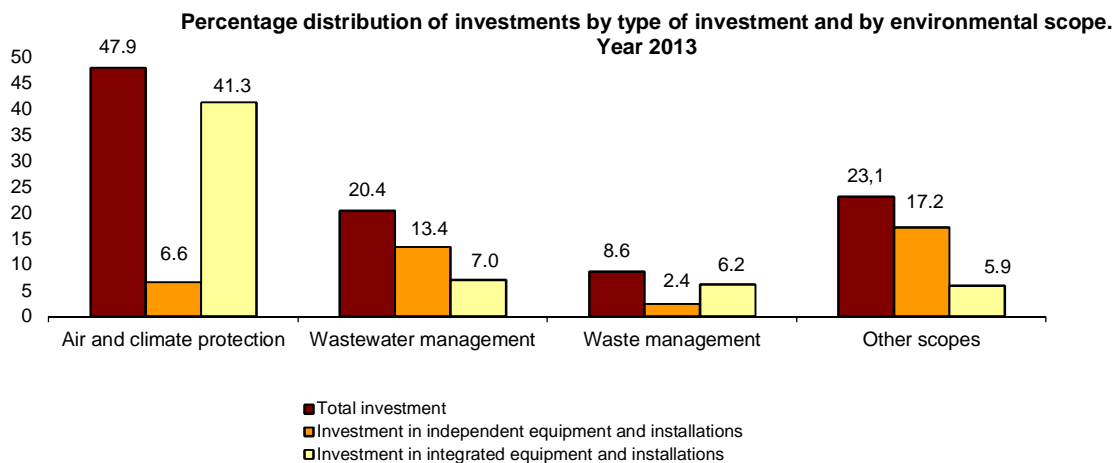
As compared to the previous year, investment in independent equipment and installations recorded a 17.1% decrease. In the case of integrated equipment and installations, it decreased by 6.3%.

Investment by environmental scope. Year 2013

Unit: thousand euros

	Value	% over total	% annual variation
TOTAL INVESTMENT	556,118.3	100.0	-10.9
Investment in independent equipment and installations	220,159.0	39.6	-17.1
Air and climate protection	36,955.9	6.6	-24.6
Wastewater management	74,272.6	13.4	4.5
Waste management	13,622.5	2.4	-41.6
Other scopes ¹	95,308.0	17.2	-21.9
Investment in integrated equipment and installations	335,959.3	60.4	-6.3
Air and climate protection	229,678.0	41.3	19.8
Wastewater management	38,965.9	7.0	-29.3
Waste management	34,455.9	6.2	-20.6
Other scopes ¹	32,859.5	5.9	-52.0

The *Air and climate protection* scopes (reduction of atmospheric emissions), *Wastewater management*, and *Waste management* registered 47.9%, 20.4% and 8.6% of the total investment, respectively.



¹It includes protection and decontamination of soil, ground and surface water, noise and vibration reduction and other activities.

Data by industrial sector

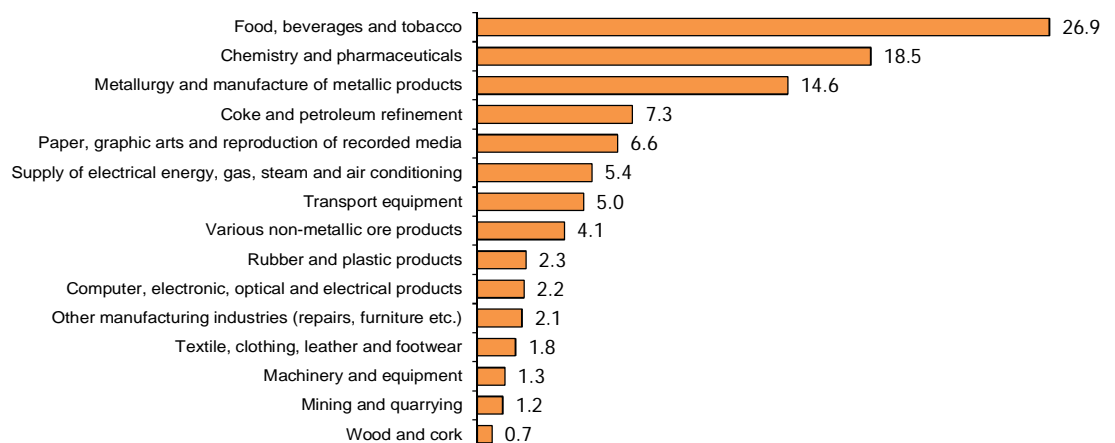
The *Food, beverage and tobacco*, *Chemistry and pharmaceuticals* and *Metallurgy and manufacture of metallic products* sectors accumulated 26.9%, 18.5% and 14.6% of the current expenditure, respectively. As compared to 2012, current expenditure in these three sectors increased by 1.2% in *Food, beverage and tobacco*, and did so by 3.6% in *Chemistry and pharmaceuticals*; in turn, it decreased by 2.9% in the *Metallurgy and manufacture of metallic products* sector.

Current expenditure by industrial sector. Year 2013

Unit: thousand euros

CNAE 2009	Sector	Value	% over total	% annual variation
	TOTAL CURRENT EXPENDITURE	1,755,756.6	100.0	1.8
05-06-07-08-09	Mining and quarrying	20,478.1	1.2	11.9
10-11-12	Food, beverages and tobacco	473,374.7	26.9	1.2
13-14-15	Textile, clothing, leather and footwear	31,300.5	1.8	-20.0
16	Wood and cork	11,854.7	0.7	16.1
17-18	Paper, graphic arts and reproduction of recorded media	115,170.8	6.6	-3.2
19	Coke and petroleum refinement	127,538.2	7.3	36.4
20-21	Chemistry and pharmaceuticals	327,200.8	18.5	3.6
22	Rubber and plastic products	40,404.3	2.3	-9.8
23	Various non-metallic ore products	71,978.0	4.1	-3.4
24-25	Metallurgy and manufacture of metallic products	257,824.4	14.6	-2.9
26-27	Computer, electronic, optical and electrical products	37,861.2	2.2	-8.0
28	Machinery and equipment	22,296.3	1.3	-5.8
29-30	Transport equipment	87,402.2	5.0	2.6
31-32-33	Other manufacturing industries (repairs, furniture etc.)	36,860.3	2.1	-1.3
35	Supply of electrical energy, gas, steam and air conditioning	94,212.1	5.4	6.3

Percentage distribution of current expenditure by industrial sector. Year 2013



In 2013, the activity with the greatest investment in environmental protection was *Coke and petroleum refinement*, with 118.8 million euros, 19.6% less as compared with the previous year.

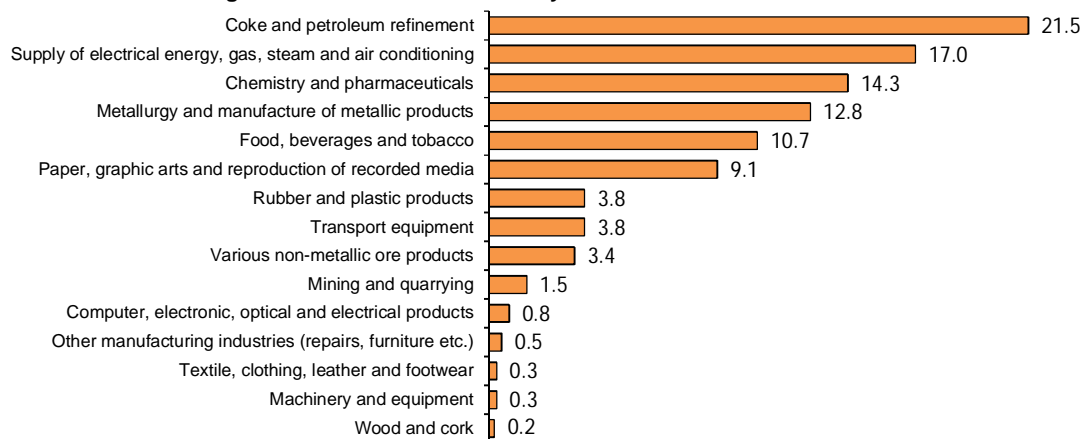
Likewise, worth noting were the investments by the *Supply of electrical energy, gas, steam and air conditioning* (94.7 million euros) and *Chemistry and pharmaceuticals* (79.4 millions) sectors.

Investment by industrial sector. Year 2013

Unit: thousand euros

CNAE 2009	Sector	Value	% over total	% annual variation
	TOTAL INVESTMENT	556,118.3	100.0	-10.9
05-06-07-08-09	Mining and quarrying	8,153.7	1.5	-53.0
10-11-12	Food, beverages and tobacco	59,494.3	10.7	-20.6
13-14-15	Textile, clothing, leather and footwear	1,843.1	0.3	-11.1
16	Wood and cork	1,222.7	0.2	-12.2
17-18	Paper, graphic arts and reproduction	50,716.4	9.1	54.5
19	Coke and petroleum refinement	118,840.5	21.5	-19.6
20-21	Chemistry and pharmaceuticals	79,435.5	14.3	-12.1
22	Rubber and plastic products	21,234.0	3.8	29.1
23	Various non-metallic ore products	19,163.5	3.4	-35.9
24-25	Metallurgy and manufacture of	71,350.1	12.8	25.3
26-27	Computer, electronic, optical and electrical products	4,381.0	0.8	-16.0
28	Machinery and equipment	1,805.2	0.3	-49.5
29-30	Transport equipment	20,954.2	3.8	24.9
31-32-33	Other manufacturing industries (repairs, furniture etc.)	2,866.7	0.5	21.2
35	Supply of electrical energy, gas, steam and air conditioning	94,657.4	17.0	-24.9

Percentage distribution of investment by industrial sector. Year 2013



Data by Autonomous Community

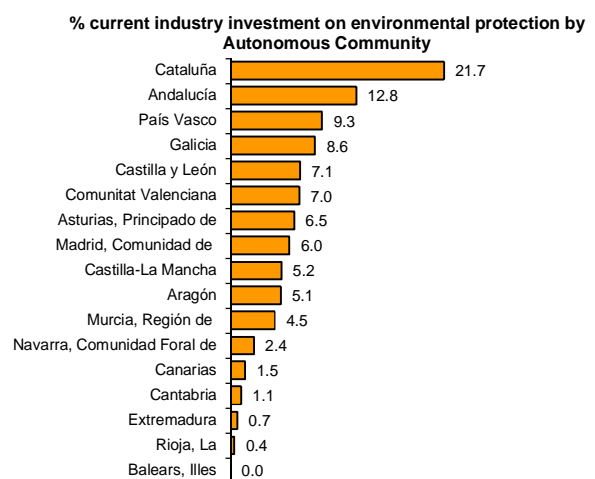
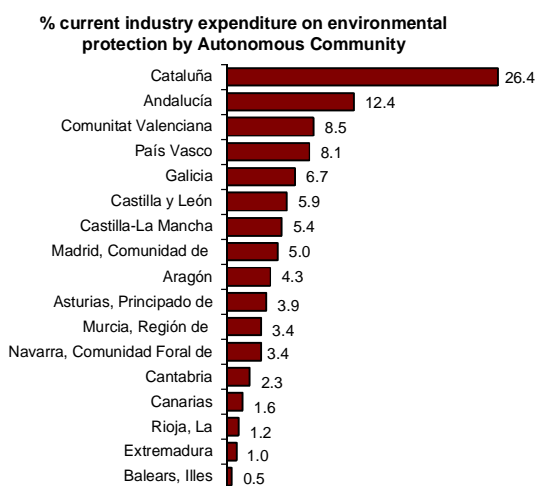
In 2013, Cataluña was the Autonomous Community that registered the highest current expenditure on environmental protection in industry, with 464 million euros, 26.4% of the national total. Followed by Andalucía (12.4% of the total), Comunitat Valenciana (8.5%) and País Vasco (8.1%).

Cataluña also registered the greatest investment in environmental protection, with 120.7 million euros, 21.7% of the national total. In turn, Andalucía and País Vasco accounted for 12.8% and 9.3%, respectively, of the total investment.

Current expenditure and investment by Autonomous Community. Year 2013

Unit: thousand euros

	Current expenditure		Investment	
	Value	% over total	Value	% over total
TOTAL ¹	1,755,756.6	100.0	556,118.3	100.0
Andalucía	217,226.3	12.4	71,068.0	12.8
Aragón	75,254.3	4.3	28,454.9	5.1
Asturias, Principado de	68,024.8	3.9	36,258.1	6.5
Balears, Illes	7,645.2	0.5	149.6	0.0
Canarias	28,197.0	1.6	8,236.7	1.5
Cantabria	39,803.8	2.3	5,907.1	1.1
Castilla y León	104,408.0	5.9	39,255.4	7.1
Castilla-La Mancha	94,955.7	5.4	28,691.5	5.2
Cataluña	463,976.9	26.4	120,747.6	21.7
Comunitat Valenciana	149,668.0	8.5	39,162.4	7.0
Extremadura	16,890.3	1.0	4,012.0	0.7
Galicia	118,126.7	6.7	47,786.9	8.6
Madrid, Comunidad de	88,254.4	5.0	33,615.7	6.0
Murcia, Región de	60,142.5	3.4	25,025.9	4.5
Navarra, Comunidad Foral de	59,354.0	3.4	13,580.4	2.4
País Vasco	142,674.2	8.1	51,574.2	9.3
Rioja, La	20,640.9	1.2	2,395.8	0.4



¹Within the total, data relating to the Autonomous Cities of Ceuta and Melilla is included, although it is not published in order to preserve statistical secrecy.

Methodological note

The INE conducts this survey annually, for the purpose of measuring the expenditure, both of current and investments acquisitions, undertaken by the industrial sector to avoid or reduce the pollution resulting from the development of their activity.

The term environmental protection refers to all activities whose main objective is the prevention, reduction and elimination of pollution and any other degradation of the environment, excluding those which are beneficial to the environment, and respond to technical, hygiene or company safety needs.

The target population of study is the set of industrial establishments with more than 10 remunerated employees whose main activity is included in sections B, C, or D of the National Classification of Economic Activities (CNAE-2009). The Central Companies Directory (CCD) is used as the reference framework for mining and quarrying industries, and the Annual Industrial Products Survey (AIPS), from which a subsample is extracted for the remaining activities. The selection is exhaustive for those establishments with more than 200 wage earners, as well as for some strata. For the remainder, independent samples have had to be designed for the different divisions.

The fundamental variables researched are:

- Investment in integrated equipment and installations that prevent pollution. It refers to technology with a dual purpose, both industrial and for pollution control, with only the environmental part of the equipment taken into account.
- Investment in independent equipment and installations, whose main function is to treat pollution. They operate independently of the production process.
- Current expenses, compounded by those operating expenses charged to the profit and loss account of General Accounting Plan, whose main purpose is environmental protection.

This survey complies with the requirements regarding environmental expenditure in the [Regulation \(EC\) No. 295/2008](#) of the European Parliament and of the Council, 11 March, 2008, regarding the structural statistics of the companies.

The complete methodology of the survey is published in the INE webpage: www.ine.es