

15 July 2014

**Survey on Industry Expenditure on Environmental Protection
Year 2012**

**Expenditure by industry on environmental protection stands at
2,348 million euros, that is, 1.7% less than in 2011**

**Current expenditure increases 1.1%, while investment decreases
8.8% in its annual rate**

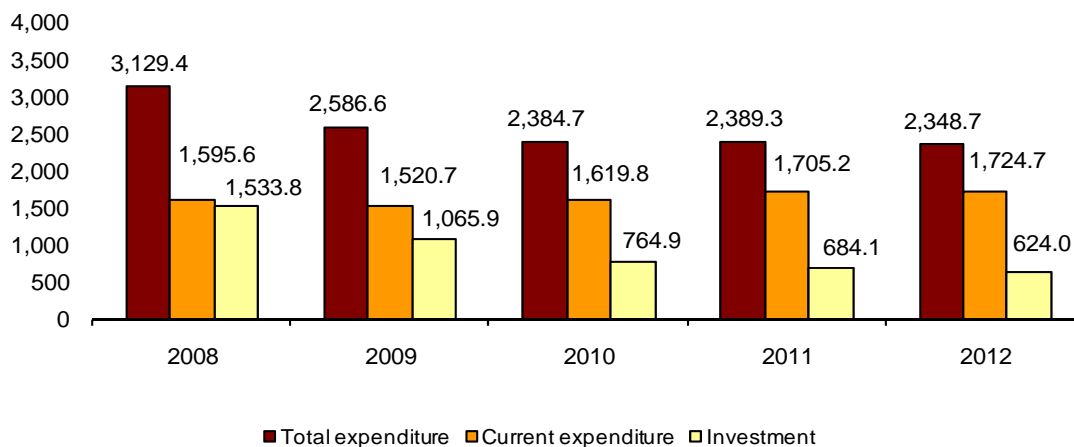
Expenditure by industrial establishments on environmental protection rose to 2,348 million euros in 2012, indicating a 1.7% decrease, as compared with the previous year. The current expenditure allocated to environmental protection increased 1.1%. In turn, the investment registered a 8.8% decrease in its annual rate.

Industry expenditure on environmental protection. Year 2012

Unit: thousand euros

	Value	% over total	% annual variation
TOTAL EXPENDITURE	2,348,786.9	100.0	-1.7
CURRENT EXPENDITURE	1,724,741.2	73.4	1.1
INVESTMENT	624,045.7	26.6	-8.8

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



Regarding equipment and facilities, 57.5% of the investment was in integrated equipment and installations and 42.5% in independent equipment and installations.

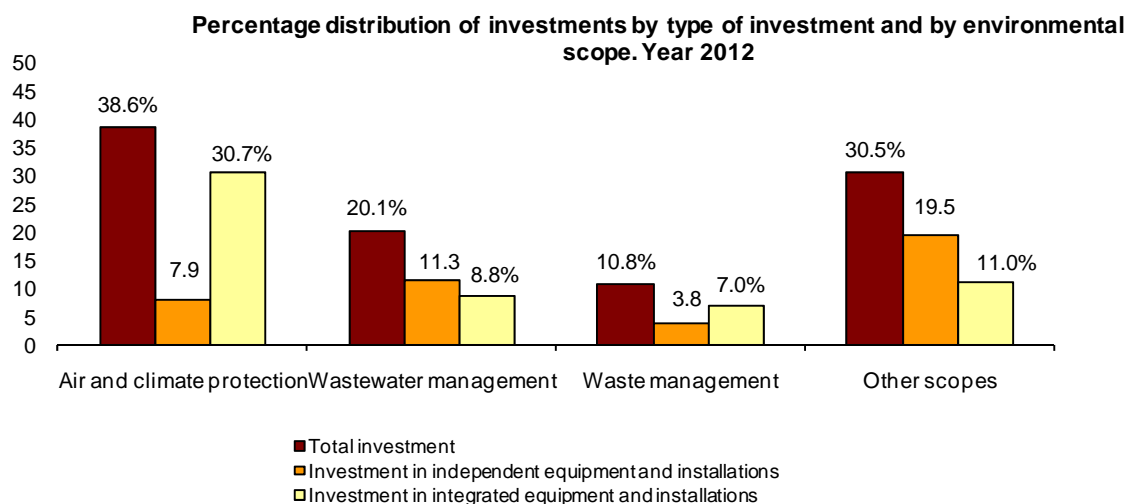
Investment in *Air and climate protection* (reduction of atmospheric emissions) registered an annual decrease of 29.3% in independent equipment and installations and of 6.5% in integrated equipment and installations.

Investment by environmental scope. Year 2012

Unit: thousand euros

	Value	% over total	% annual variation
TOTAL INVESTMENT	624,045.7	100.0	-8.8
Investment in independent equipment and installations	265,458.2	42.5	-7.7
Air and climate protection	49,008.8	7.9	-29.3
Wastewater management	71,087.5	11.3	-42.0
Waste management	23,329.9	3.8	-11.4
Other scopes	122,032.0	19.5	76.3
Investment in integrated equipment and installations	358,587.5	57.5	-9.6
Air and climate protection	191,676.8	30.7	-6.5
Wastewater management	55,093.1	8.8	8.5
Waste management	43,394.4	7.0	19.3
Other scopes ¹	68,423.2	11.0	-34.4

The *Air and climate protection* scopes (reduction of atmospheric emissions), *Wastewater management*, and *Waste management* registered 38.6%, 20.1% and 10.8% 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

In 2012, the *Food, beverage and tobacco*, *Chemistry and pharmaceuticals* and *Metallurgy and manufacture of metallic products* sectors accumulated 27.0%, 18.3% and 15.4% of the current expenditure, respectively.

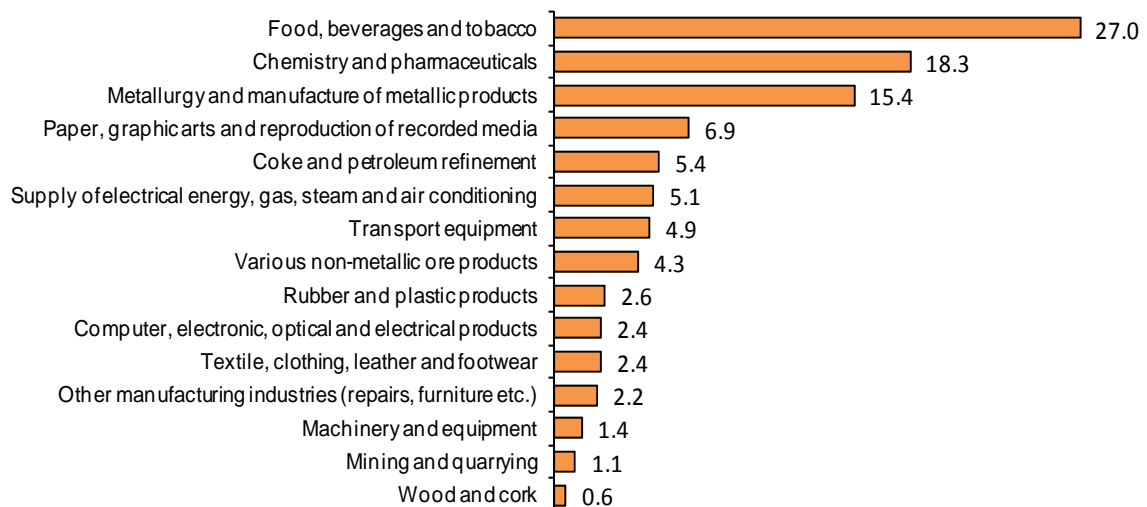
Current expenditure decreased 4.1% in its annual rate in *Metallurgy and manufacture of metallic products*. In turn, it increased by 5.4% in *Food, beverages and tobacco* and by 3.3% in *Chemistry and pharmaceuticals*.

Current expenditure by industrial sector. Year 2012

Unit: thousand euros

CNAE 2009	Sector	Value	% over total	% annual variation
	TOTAL CURRENT EXPENDITURE	1,724,741.2	100.0	1.1
05-06-07-08-09	Mining and quarrying	18,293.9	1.1	-10.5
10-11-12	Food, beverages and tobacco	467,907.7	27.0	5.4
13-14-15	Textile, clothing, leather and footwear	39,140.1	2.4	12.1
16	Wood and cork	10,207.3	0.6	-30.0
17-18	Paper, graphic arts and reproduction of recorded media	119,008.4	6.9	-0.8
19	Coke and petroleum refinement	93,508.5	5.4	0.2
20-21	Chemistry and pharmaceuticals	315,896.4	18.3	3.3
22	Rubber and plastic products	44,812.6	2.6	10.0
23	Various non-metallic ore products	74,539.2	4.3	1.2
24-25	Metallurgy and manufacture of metallic products	265,518.9	15.4	-4.1
26-27	Computer, electronic, optical and electrical products	41,133.4	2.4	-2.1
28	Machinery and equipment	23,675.9	1.4	-11.4
29-30	Transport equipment	85,148.2	4.9	-7.5
31-32-33	Other manufacturing industries (repairs, furniture etc.)	37,345.4	2.2	-4.8
35	Supply of electrical energy, gas, steam and air conditioning	88,605.3	5.1	9.7

Percentage distribution of current expenditure by industrial sector. Year 2012



In 2012, the activity with the greatest investment in environmental protection was *Coke and petroleum refinement*, with 147.8 million euros, 25.9% more as compared with the previous year.

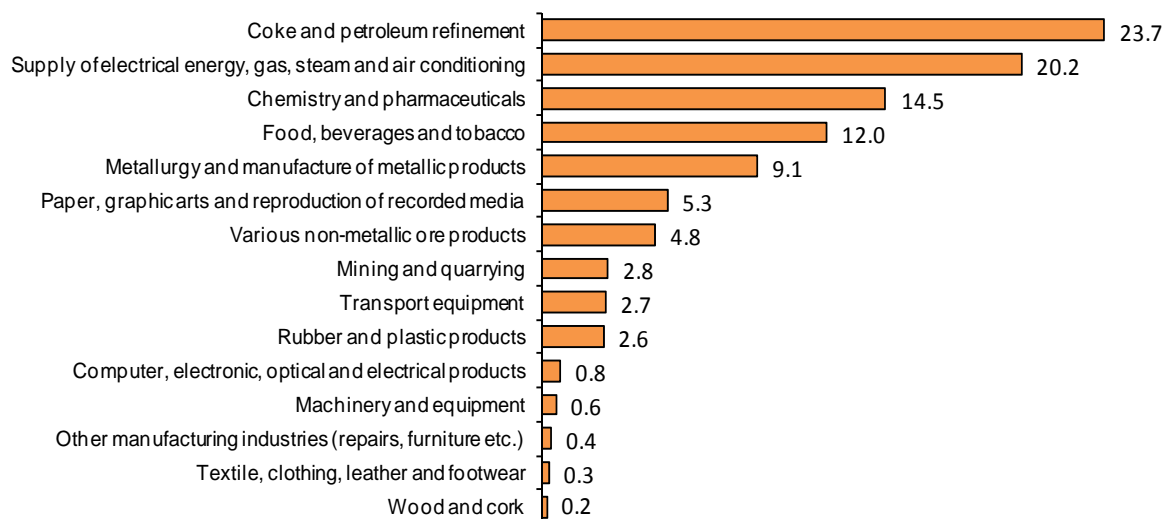
Likewise, it was worth noting investments by the sectors the *Supply of electrical energy, gas, steam and air conditioning* (126 million euros) and *Chemistry and pharmaceuticals* (90.4 millions).

Investment by industrial sector. Year 2012

Unit: thousand euros

CNAE 2009	Sector	Value	% over total	% annual variation
	TOTAL INVESTMENT	624,045.7	100.0	-8.8
05-06-07-08-09	Mining and quarrying	17,348.1	2.8	26.6
10-11-12	Food, beverages and tobacco	74,944.7	12.0	-16.4
13-14-15	Textile, clothing, leather and footwear	2,072.2	0.3	-41.0
16	Wood and cork	1,392.5	0.2	-54.9
17-18	Paper, graphic arts and reproduction of recorded media	32,828.2	5.3	39.3
19	Coke and petroleum refinement	147,792.7	23.7	25.9
20-21	Chemistry and pharmaceuticals	90,393.1	14.5	-26.2
22	Rubber and plastic products	16,446.5	2.6	-22.6
23	Various non-metallic ore products	29,915.5	4.8	-30.6
24-25	Metallurgy and manufacture of metallic products	56,952.9	9.1	12.3
26-27	Computer, electronic, optical and electrical products	5,212.6	0.8	-35.3
28	Machinery and equipment	3,574.0	0.6	-19.1
29-30	Transport equipment	16,775.8	2.7	8.8
31-32-33	Other manufacturing industries (repairs, furniture etc.)	2,364.7	0.4	-40.3
35	Supply of electrical energy, gas, steam and air conditioning	126,032.2	20.2	-23.1

Percentage distribution of investment by industrial sector. Year 2012



Data by Autonomous Community

In 2012, Cataluña was the Autonomous Community that registered the highest current expenditure on environmental protection in industry, with 439 million euros, 25.5% of the national total. Followed by Andalucía (12.9% of the total) and Comunitat Valenciana (9.1%).

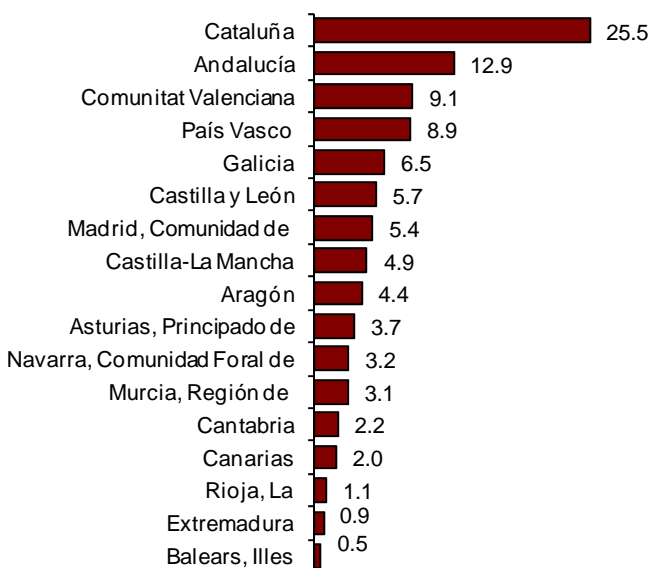
Cataluña also registered the greatest investment, with 135.6 million euros, 21.7% of the national total. Followed by Comunitat Valenciana (11.8% of the total) and Andalucía (11.2%).

Current expenditure and investment by Autonomous Community. Year 2012

Unit: thousand euros

	Current expenditure		Investment	
	Value	% over total	Value	% over total
TOTAL ¹	1,724,741.2	100.0	624,045.7	100.0
Andalucía	222,845.8	12.9	70,181.3	11.2
Aragón	76,427.7	4.4	23,676.9	3.8
Asturias, Principado de	63,420.4	3.7	27,049.4	4.3
Balears, Illes	8,500.9	0.5	9,739.2	1.6
Canarias	34,755.8	2.0	12,471.8	2.0
Cantabria	38,480.4	2.2	3,921.3	0.6
Castilla y León	98,654.7	5.7	37,052.0	5.9
Castilla-La Mancha	85,125.4	4.9	48,249.8	7.7
Cataluña	439,010.6	25.5	135,643.9	21.7
Comunitat Valenciana	157,134.2	9.1	73,509.3	11.8
Extremadura	15,484.4	0.9	10,725.6	1.7
Galicia	111,575.8	6.5	50,076.6	8.0
Madrid, Comunidad de	92,295.0	5.4	30,891.3	5.0
Murcia, Región de	52,714.3	3.1	17,950.0	2.9
Navarra, Comunidad Foral de	55,632.0	3.2	16,622.3	2.7
País Vasco	152,832.6	8.9	53,190.1	8.5
Rioja, La	19,334.2	1.1	1,886.2	0.3

% current industry expenditure on environmental protection by Autonomous Community



% current industry investment on environmental protection by Autonomous Community



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

For further information see INEbase-www.ine.es/en/welcome_en.htm All press releases at: www.ine.es/en/prensa/prensa_en.htm

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