

20 September 2013

Survey on Industry Expenditure on Environmental Protection Year 2011

Expenditure by industry on environmental protection stands at 2,389 million euros, that is, 0.2% higher than in 2010

Current expenditure increases 5.3%, while investment decreases 10.6% in its annual rate

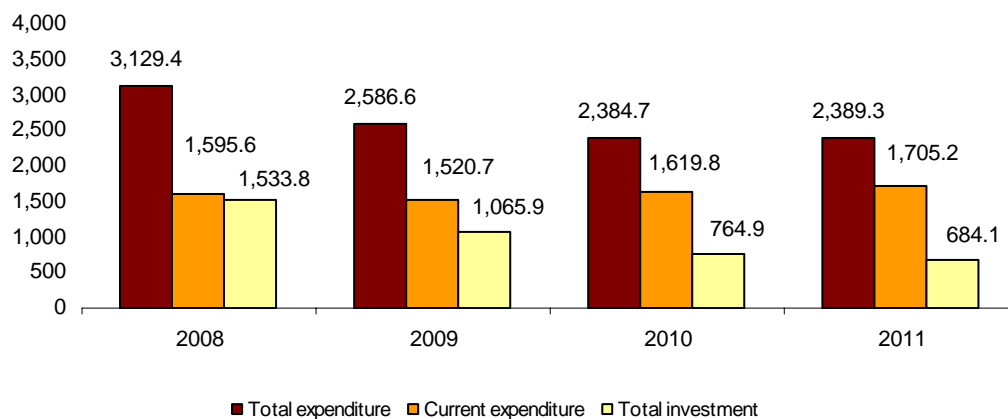
Expenditure by industrial establishments on environmental protection rose to 2,389 million euros in 2011, indicating a 0.2% increase, as compared with the previous year. The current expenditure allocated to environmental protection increased 5.3%. In turn, the investment registered a 10.6% decrease in its annual rate.

Industry expenditure on environmental protection. Year 2011

Unit: million euros

	Value	% over total	% annual variation
TOTAL EXPENDITURE	2,389,333.1	100.0	0.2
CURRENT EXPENDITURE	1,705,233.7	71.4	5.3
INVESTMENT	684,099.4	28.6	-10.6

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



Regarding equipment and facilities, 58% of the investment was in integrated equipment and installations and 42% in independent equipment and installations.

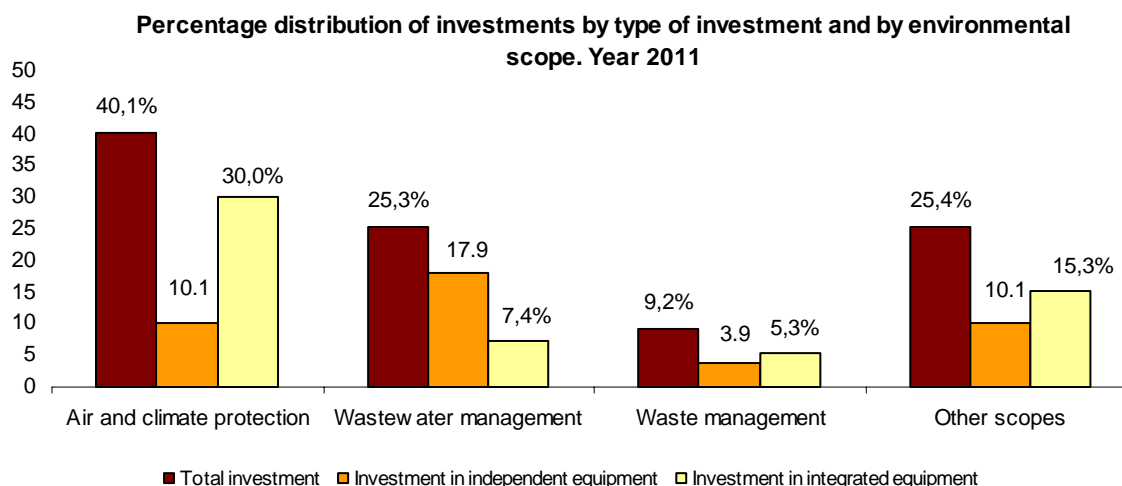
Investment in waste management registered the greatest decrease, both in independent equipment and installations (–36.3%) and integrated equipment and installations (–27.0%), as compared with the previous year.

Investment by environmental scope. Year 2011

Unit: million euros

	Value	% over total	% annual variation
TOTAL INVESTMENT	684,099.4	100.0	-10.6
Investment in independent equipment and installations	287,486.0	42.0	-8.5
Air and climate protection	69,337.8	10.1	-23.1
Wastewater management	122,589.8	17.9	3.7
Waste management	26,337.0	3.9	-36.3
Other scopes	69,221.4	10.1	7.6
Investment in integrated equipment and installations	396,613.4	58.0	-12.0
Air and climate protection	205,093.0	30.0	-17.9
Wastewater management	50,793.3	7.4	-7.5
Waste management	36,366.9	5.3	-27.0
Other scopes	104,360.2	15.3	8.3

The *Air and climate protection* scopes (reduction of atmospheric emissions), *Wastewater management*, and *Waste management* registered 40.1%, 25.3% and 9.2% of the total investment, respectively.



Data by industrial sector

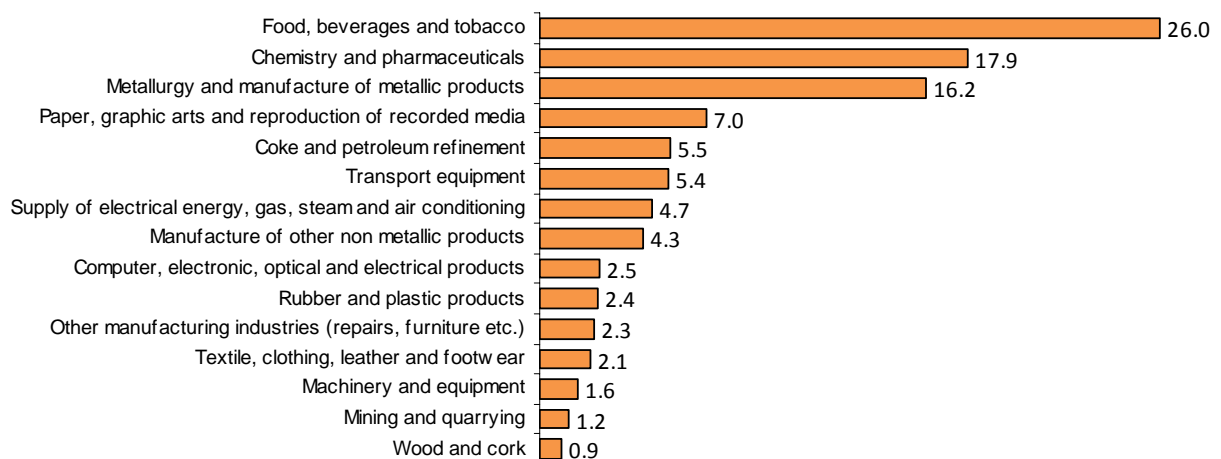
The *Food, beverage and tobacco*, *Chemistry and pharmaceuticals* and *Metallurgy and manufacture of metallic products* sectors accumulated 26.0%, 17.9% and 16.2% of the current expenditure, respectively. In these three activities, current expenditure increased 12.3% in its annual rate in *Metallurgy and manufacture of metallic products*, 9.8% in *Food, beverages and tobacco* and remained unchanged in *Chemistry and pharmaceuticals*.

Current expenditure by industrial sector. Year 2011

Unit: million euros

CNAE 2009	Sector	Value	% over total	% annual variation
	TOTAL CURRENT EXPENDITURE	1,705,233.7	100.0	5.3
05-06-07-08-09	Mining and quarrying	20,429.2	1.2	-13.5
10-11-12	Food, beverages and tobacco	443,952.7	26.0	9.8
13-14-15	Textile, clothing, leather and footwear	34,929.7	2.1	-9.3
16	Wood and cork	14,574.9	0.9	10.3
17-18	Paper, graphic arts and reproduction of recorded media	120,002.9	7.0	0.3
19	Coke and petroleum refinement	93,351.9	5.5	13.8
20-21	Chemistry and pharmaceuticals	305,822.3	17.9	0.0
22	Rubber and plastic products	40,753.9	2.4	-5.8
23	Various non-metallic ore products	73,680.6	4.3	-9.4
24-25	Metallurgy and manufacture of metallic products	276,893.0	16.2	12.3
26-27	Computer, electronic, optical and electrical products	42,005.7	2.5	12.7
28	Machinery and equipment	26,725.9	1.6	6.7
29-30	Transport equipment	92,096.8	5.4	1.4
31-32-33	Other manufacturing industries (repairs, furniture etc.)	39,229.8	2.3	5.2
35	Supply of electrical energy, gas, steam and air conditioning	80,784.4	4.7	13.8

Percentage distribution of the current expenditure by industrial sector. Year 2011



In 2011, the activity with the greatest investment in environmental protection was *Supply of electrical energy, gas, steam and air conditioning*, with 163.8 million euros, 25.1% more as compared with the previous year.

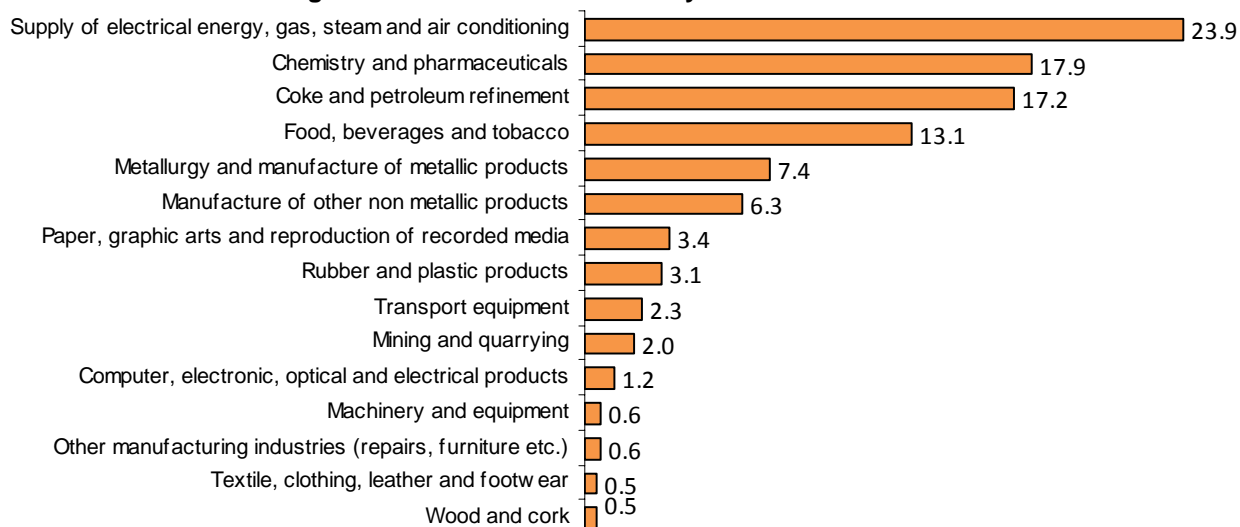
Likewise, it was worth noting investments by the sectors the *Chemistry and pharmaceuticals* (122.5 millions) and *Coke and petroleum refinement* (117.3 millions).

Investment by industrial sector. Year 2011

Unit: million euros

CNAE 2009	Sector	Value	% over total	% annual variation
	TOTAL INVESTMENT	684,099.4	100.0	-10.6
05-06-07-08-09	Mining and quarrying	13,702.0	2.0	-48.5
10-11-12	Food, beverages and tobacco	89,599.2	13.1	-9.1
13-14-15	Textile, clothing, leather and footwear	3,509.5	0.5	-21.0
16	Wood and cork	3,084.6	0.5	68.2
17-18	Paper, graphic arts and reproduction of	23,567.5	3.4	-27.7
19	Coke and petroleum refinement	117,350.5	17.2	-4.5
20-21	Chemistry and pharmaceuticals	122,537.2	17.9	22.1
22	Rubber and plastic products	21,254.6	3.1	-26.0
23	Various non-metallic ore products	43,093.4	6.3	-42.2
24-25	Metallurgy and manufacture of metallic	50,696.8	7.4	-44.1
26-27	Computer, electronic, optical and electrical products	8,062.7	1.2	-28.9
28	Machinery and equipment	4,418.0	0.6	-50.0
29-30	Transport equipment	15,414.4	2.3	-39.5
31-32-33	Other manufacturing industries	3,963.5	0.6	-44.4
35	Supply of electrical energy, gas, steam and air conditioning	163,845.5	23.9	25.1

Percentage distribution of investment by industrial sector. Year 2011



Data by Autonomous Community

Cataluña was the Autonomous Community that registered the highest investments in environmental protection in industry during 2011, 26.4% of the national total. Followed by with Andalucía (13.1% of the total), País Vasco (9.0%) and Comunitat Valenciana (8.8%).

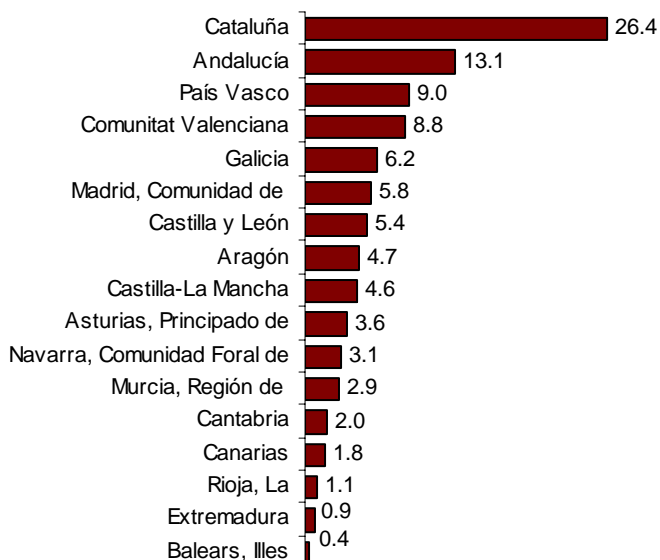
Regarding current expenditure, Cataluña spent the most, with 176.5 million euros, 25.8% of the national total. Followed by Andalucía (11.2% of the total), Galicia (9.8%) and Comunitat Valenciana (8.6%).

Current expenditure and investment by Autonomous Community. Year 2011

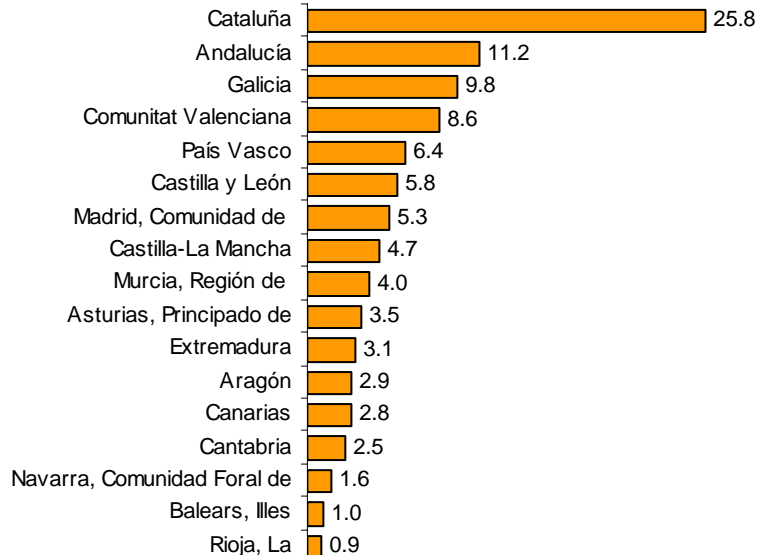
Unit: million euros

	Current expenditure		Investment	
	Value	% over total	Value	% over total
TOTAL ¹	1,705,233.7	100.0	684,099.4	100.0
Andalucía	223,900.1	13.1	76,807.8	11.2
Aragón	80,319.5	4.7	19,868.3	2.9
Asturias, Principado de	62,235.9	3.6	23,958.1	3.5
Balears, Illes	7,640.8	0.4	6,828.1	1.0
Canarias	31,542.8	1.8	18,938.1	2.8
Cantabria	34,482.3	2.0	17,000.8	2.5
Castilla y León	92,442.4	5.4	39,482.3	5.8
Castilla-La Mancha	78,477.2	4.6	32,248.5	4.7
Cataluña	449,705.4	26.4	176,532.1	25.8
Comunitat Valenciana	150,722.0	8.8	58,851.4	8.6
Extremadura	14,930.7	0.9	21,242.0	3.1
Galicia	106,478.2	6.2	66,795.7	9.8
Madrid, Comunidad de	98,436.9	5.8	36,521.7	5.3
Murcia, Región de	49,634.3	2.9	27,297.3	4.0
Navarra, Comunidad Foral de	52,479.7	3.1	11,158.1	1.6
País Vasco	152,921.9	9.0	44,027.7	6.4
Rioja, La	18,526.6	1.1	6,397.9	0.9

% current expenditure in environmental protection in industry by Autonomous Community



% investment in environmental protection in industry by Autonomous Community



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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