

Supplementary Material

Air quality modeling and mortality impact of fine particles reduction policies in Spain

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SNAP Groups	Policy and measure	Reference
1, 2, 3, 5, 6, 7, 8, 9 & 10	Strategy for saving energy and improving efficiency (E4)	ME, 2003
1, 2, 3, 5, 6, 7, 8, 9 & 10	Action plan for the implementation of the E4 in the period 2005-2007	IDAE, 2005a
1, 2, 3, 5, 6, 7, 8, 9 & 10	Action plan for the implementation of E4 in the period 2008-2012	IDAE, 2007
1, 2, 3, 7, 8	Activation plan on energy saving and energy efficiency, 2008-2011	IDAE, 2008
1, 2, 3, 4, 5, 7 & 9	Plan for the electricity and gas sectors	ME, 2002 and 2006 update
1, 2, 3, 4, 5, 7 & 9	Plan for the electricity and gas sectors 2008-2016	MITyC, 2008
1, 2, 3, 7, 8 & 9	Plan for the increase of renewable energies	IDAE, 2005b
1	Directive 2001/80/EC for Large Combustion Plants (Royal Decree 430/2004 & National Plan on Emissions Reduction from Large Combustion Plans, MITyC, 2007)	EC, 2001
1	BREF on Large Combustion Plants	EIPPCB, 2006a
1, 4	BREF on Refineries	EIPPCB, 2003a
2	Edification technical code (Royal Decree 314/2006)	MV, 2006
2, 6	National plan for house accessibility	MV, 2005
1, 2, 3, 7 & 8	Directive related to the quality of petrol and diesel fuels. Directives 2011/63, 2009/30, 2005/33, 2003/30, 2003/17, 1999/32, 98/70 y 93/12	EC, 2011, EC, 2009, EC, 2003a
1, 5	National coal plan	MITyC, 2006
1, 2, 3, 4, 5, 7, 8 & 9	Spanish Climate Change and Clean Energy Strategy, horizon 2007-2012-2020	CM, 2007
2, 3, 4, 6, 7, 9, 10 & 11	Population projections for 2009-2019	INE, 2009
3, 4	BREF on Iron and Steel production	EIPPCB, 2001a
3	BREF on Ferrous Metal processing	EIPPCB, 2001b
3, 4	BREF on Non-Ferrous Metal processes	EIPPCB, 2001c
3, 4	BREF on Cement and Lime production	EIPPCB, 2001d
3	BREF on Glass manufacture	EIPPCB, 2001e
4	BAT on nitric acid manufacture	EFMA, 2000c
4	BAT on ammonia manufacture	EFMA, 2000a
4	BAT on ammonium nitrate manufacture	EFMA, 2000b
4	BREF on Chlor-Alkali manufacture	EIPPCB, 2001f
4	BREF on Large Volume Organic Chemicals	EIPPCB, 2003b
4	BREF on Pulp and Paper manufacture	EIPPCB, 2001g
4, 6, 7, 8	Strategic Plan for Transport Infrastructures	MF, 2005
4, 5	Directive on the control of volatile organic compounds (VOC) emissions.	EC, 1994
4, 8	OSPAR Convention	EC, 1997
4	BREF on Food, Drink and Milk processes	EIPPCB, 2006b
6	Directive on the limitation of emissions of VOC due to the use of organic solvents	EC, 2004b
6	BREF on Textile processing	EIPPCB, 2003c
7	EURO Norms	
7	Spanish Strategy of Sustainable Mobility	MF, 2009
8	Directive against the emission of pollutants from engines in non-road mobile machinery (Directives 2002/88 & 2004/26)	EC, 2002
9 & 10	Waste plans (Integrated National Waste Plan 2008-2015)	MMA, 2008
9	Directive on packaging and packaging waste	EC, 2004a
9, 10 & 11	Spanish Forestry Plan	MMA, 2002
10 & 11	National Plan for rural development	MARM, 2009
10 & 11	Reform of the CAP. Medium-Term prospects for agricultural markets and income in the EU.	EC, 2003b

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EIPPCB, 2001e. Reference document on best available techniques for glass manufacture.

EIPPCB, 2001f. Reference document on best available techniques for chlor-alkali manufacture.

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