

WP3.3. Emissions Inventory in Barcelona



Emissions inventory in Barcelona
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Acknowledgments:

The authors would like to thank all stakeholders that contributed to this study. We are particularly grateful to Mr Joaquim Cortés from the Port Authority of Barcelona and Mr Sergi Balagué from the Technical Office for Air Quality Improvement Plans (Generalitat de Catalunya) for providing us with data, information and knowledge on port activities and emissions.

Finally, we acknowledge the Programme Med of the European Commission for their financial support in the framework of the APICE project.

Domain-wide annual sectoral anthropogenic emissions (in tonnes) in BARCELONA AREA											
Domain size: 100km x 100km, Resolution: 50km x 50km, Reference year: 2008											
Anthropogenic Emission Sources	NOx	NMVOCs	СО	SO2	PM10	PM2.5	NH3				
Energy production	15443	756	1421	4872	528	255	0				
Central heating	1382	2159	32870	977	1069	955	0				
Industries	13134	5651	46694	3264	1478	725	64				
Extraction and distribution of fossil fuels and geothermal energy	0	1727	0	0	4	0	0				
Solvent and other product use	0	64371	0	0	0	0	79				
Road transport	32536	5441	32427	251	2015	1644	416				
Non-road transport (without ship and harbor activities)	9871	776	4368	8081	100	1121	3				
Ship and harbor activities	6590	719			1021						
Waste treatment and disposal	22	4226	12	3	2	2	535				
Agriculture	321	459	3341	33	1075	195	1258				

Domain-wide monthly natural emissions (in tonnes)											
Domain size: , Resolution: , Reference year:											
Natural Emission Sources		January		July							
Natural Linission Sources	NMVOCs	PM10	PM2.5	NMVOCs	PM10	PM2.5					
Biogenic		-	-		-	-					
Sea Salt	-			-							
Windblown Dust	-			-							











