



WORKSHOP ON AIR QUALITY POLICY IMPLEMENTATION RELATED TO OZONE

organised in co-operation with

Ministry for the Ecological Transition, Spain

Ministry for Ecological and Inclusive Transition and Institut National de
l'Environnement Industriel et des Risques (INERIS), France

21 – 22 November 2018

Venue:

Ministry for the Ecological Transition
Plaza de San Juan de la Cruz, s/n, Madrid

Participating EU Member States:

Spain, France, Denmark, Germany, Greece, Italy, Latvia, Lithuania, Luxemburg, Portugal, Romania, Slovak Republic, Sweden, the Netherlands, United Kingdom, Austria, Belgium, Bulgaria, Croatia, Czech Republic, Croatia, Cyprus, Ireland

EIR 67867

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of the European Commission



Aim of the Workshop:

With the **Environmental Implementation Review (EIR)** the European Commission has launched **TAIEX-EIR Peer 2 Peer** as a new, practical tool that facilitates peer-to-peer learning between environmental authorities. Objective of this workshop is an exchange of knowledge on the ozone challenge, impacts of ozone pollution as well as best practice to combat ozone pollution and communication strategies. The target group of the workshop are mainly experts from EU Member States' governments, agencies, regional and local authorities working on air quality policy and ozone pollution, as well as representatives of business and trade organisations, civil society, international organisations, and the research community. The workshop should offer an opportunity for a round table discussion of open questions and practical ways forward between experts from Member States dealing with the subject.

Day 1: Wednesday 21 November 2018

Chair: Maj-Britt Larka

Deputy general Director, Ministry for the Ecological Transition

Venue: Ministry for the Ecological Transition (Conference Room)

Plaza de San Juan de la Cruz, s/n, Madrid

11:00	<i>Registration of participants</i>
11:30	Welcome by Javier Cachón de Mesa , Director General of Biodiversity and Environmental Quality, Ministry for the Ecological Transition, Spain (11:30-11:45) Welcome by Cedric Messier , Head of the Air Quality Bureau, Ministry of Ecological and Inclusive Transition, France (11:45-12:00) TBC
	Introduction
12:00	<u>Tropospheric ozone in Europe: an overview by the EEA.</u> – <i>Alberto González Ortiz, European Environment Agency (12:00-12:15)</i> <u>Understanding ozone.</u> - <i>Augustin Colette, Institut National de l'Environnement Industriel et des Risques (INERIS) (12:15-12:30)</i> Questions & answers
12:45	<i>Lunch break</i>
14:00	The ozone challenge in specific locations
	<u>Phenomenology of O3 episodes in Spain.</u> - <i>Xavier Querol, Spanish National Research Council (CSIC)</i> <u>Analysis and perspectives of ozone pollution in Lombardia Region.</u> – <i>Guido Lanzani, ARPA Lombardia</i> <u>Germany.</u> - <i>Marion Wichmann-Fiebig, Umweltbundesamt (UBA) Germany</i> Questions & answers
15:00	<u>Investigating the high ozone levels registered in the North of Portugal.</u> - <i>Alexandra Monteiro, University of Aveiro - Portugal</i> <u>Monitoring the tropospheric ozone levels in Andorra.</u> - <i>Antoni Vila Mur, Ministeri de Medi Ambient, Agricultura i Sostenibilitat, Andorra</i> <u>Surface ozone concentration trends in Italy (2003-2017) and possible scenarios with the implementation of the NECD.</u> - <i>Cristina Leonardi, Italian Ministry for Environment, Land and Sea and Giorgio Cattani, ISPRA - Institute for Environmental Protection and Research</i> Questions & answers
16:00	<i>Coffee break</i>
16:20	Panel Discussion <i>Chair: Laurence Rouil, Institut National de l'Environnement Industriel et des Risques (INERIS)</i>

	<p>Identification of lessons learned and conclusions from the presented cases as well as discussion on the key questions:</p> <ul style="list-style-type: none"> • <i>What challenges is your country/region facing regarding the implementation of ozone EU target values?</i> • <i>Did you detect in your country specific patterns in ozone trends regarding the peaks and background concentrations?</i> • <i>Do you consider that ozone patterns and trends in your country reflect the impact of mitigation strategies implemented to reduce precursors?</i> • <i>Regarding ozone air pollution, do you consider your country/cities are more influenced by local sources or by long range transport?</i>
17:20	Wrap-up and closing of day 1
17:30	End of day 1

Day 2: Thursday 22 November 2018

Chair: Maj-Britt Larka

Deputy general Director, Ministry for the Ecological Transition

Venue: Ministry for the Ecological Transition (Conference Room)

Plaza de San Juan de la Cruz, s/n, Madrid

09:00	<i>Please be reminded to sign the attendance list</i>
	The impacts of ozone on health and vegetation
	<u>Impacts on health.</u> - Dorota Jarosinska, World Health Organisation (9:00-9:20) <u>Ozone effects on vegetation and ecosystems.</u> - Rocío Alonso, Centre for Energy, Environment and Technology (CIEMAT) (9:20-9:40) Questions & answers
10:00	The current situation and the trends
	<u>State of art and key limitations of modelling for sensitivity analysis in measures</u> - Laurence Rouil, Institut National de l'Environnement Industriel et des Risques (INERIS) (10:00-10:15) <u>Emission projections of O3 precursors in EU-28 and the potential impact on O3 levels.</u> - Markus Amann, International Institute for Applied Systems Analysis (IIASA) (10:15-10:30) Questions & answers
10:40	<i>Coffee break</i>
11:00	The policy dimension <i>Chair: Marta Muñoz Cuesta, European Commission</i>
	<u>Past achievements and future challenges - ozone regulation under the UNECE Air Convention.</u> – Anna Engleryd, Convention on Long-range Transboundary Air Pollution (CLRTAP) (11:00-11:15) <u>WHO</u> - Dorota Jarosinska, World Health Organisation (11:15-11:30) Questions & answers
12:00	Public information strategies Panel discussion <i>Chair: Jaume Targa, 4sfera Innova-ETC/ACM</i>
	<u>General overview and legal requirements on informing the public.</u> - Jaume Targa, 4sfera Innova-ETC/ACM

	<p><u>Experience and strategies across Belgium.</u> - Frans Fierens, Belgian Interregional Environment Agency (IRCEL - CELINE)</p> <p><u>Strategies from Italian local authorities.</u> - Cristina Leonardi, Italian Ministry for Environment, Land and Sea</p> <p><u>Experience and strategies across Catalonia.</u> - Patricia de la Viesca, Generalitat de Catalunya</p> <p><u>Experience and strategies in Luxembourg.</u> – Eric Vansuypeene, Ministère du Développement durable et des Infrastructures, Luxembourg</p> <p><i>Identification of lessons learned and conclusions from the presented cases as well as discussion on the key questions:</i></p> <ul style="list-style-type: none"> • <i>How are you currently informing the public during ozone episode? Do you think this is sufficient?</i> • <i>How should we inform the public in order to prevent exposure to high levels of ozone and/or act in order to reduce the episode?</i>
13:00	Lunch break
14:00	Strategies and measures to combat ozone pollution
	<p><u>O3 sensitivity by reducing emissions of precursors in Barcelona</u> - Maria Teresa Pay, Barcelona (10 min)</p> <p><u>Ozone reduction strategies in the context of other air quality management priorities</u> - Markus Amann, International Institute for Applied Systems Analysis (IIASA) (10 min)</p> <p><u>First estimates what could be expected from the NEC-reductions by 2030.</u> - Marion Wichmann-Fiebig, Umweltbundesamt (UBA) Germany (10 min)</p> <p><u>The air quality plans developed for ozone in North Region of Portugal.</u> - Alexandra Monteiro, University of Aveiro - Portugal (10 min)</p> <p>Questions and answers</p>
15:00	<p>Success factors for measures to combat ozone pollution</p> <p>Panel Discussion</p> <p><i>Chair: Laurence Rouïl, Institut National de l'Environnement Industriel et des Risques (INERIS)</i></p> <p><i>Identification of lessons learned and conclusions from the presented cases as well as discussion on the key questions:</i></p> <ul style="list-style-type: none"> • <i>According to your experience what are the most efficient emission reduction strategies to deal ozone concentrations. Does your country run short term action plans in case of episodes? What is their efficiency?</i> • <i>Did you observe increasing ozone concentrations in the city centers where NOx emissions are reduced? How do you manage this issue?</i> • <i>How to combine international/national/local action plans to mitigate with ozone concentrations? Do you think such combination is relevant?</i> • <i>How to combine climate and air pollution policies to mitigate with ozone concentrations?</i>

15:50	Short break
16:00	General discussion on the conclusions and the workshop
16:45	Wrap-up and closing
17:00	End of day 2

More information on the Environmental Implementation Review

http://ec.europa.eu/environment/eir/index_en.htm

More information on TAIEX:

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<http://ec.europa.eu/taix>

<http://ec.europa.eu/taix/experts>



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