



Opera



Operational Procedure for Emission Reduction Assessment

An integrated assessment methodology to plan local cost-effective air quality policies harmonized with national and European actions.

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OPERA is a LIFE+ project



Project reference

LIFE09 ENV/IT/000092

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PARTNERS

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CNRS (FR)

TERRARIA srl (IT)

UNIVERSITY OF BRESCIA (IT)

UNIVERSITÉ DE STRASBOURG (FR)

in cooperation with JRC (EC)



Objectives



In agreement with the EU Thematic Strategy for air quality (COM(2005) 446) and the DIRECTIVE 2008/50/EC of 21 May 2008 on ambient air quality and cleaner air for Europe, the project objectives are:

- Set-up a methodology to assist local (sub-national) authorities in:
 - preparing, implementing and monitoring air quality plans to reduce population exposure to PM10, NOx and O3 pollution and ecosystems exposure to NOx and O3;
 - integrating regional air quality plans with national and European plans;
 - assessing the synergies between actions to reduce the burden of poor air quality and actions to limit climate change impacts.
- Develop an integrated assessment tool (RIAT+) to support the proposed methodology.
- Apply this integrated tool on the Emilia-Romagna (Italy) and Alsace (France) regions.
- Define guidelines for regional authorities to apply the methodology and tool.
- Disseminate the guidelines and tool to local authorities, technical organizations and to the public at national and European levels.



Expected results



- RIAT+, a software tool to support local authorities in designing and assessing efficient air quality plans.
- RIAT+ application to Emilia Romagna (IT) and Alsace (FR) and assessment of air quality plans in these two regions.
- A register collecting technical and non-technical emission reduction measures.
- A full documentation, workshops and courses to support new users implementing the methodology to other European regions.
- A standardized set of quantitative indicators to monitor the action plans effectiveness.
- Guidelines for local administrations and environmental agencies to integrate local planning to national and European air quality policies.





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