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
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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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