

PASODOBLE

Promote Air Quality Services integrating Observations
– Development Of Basic Localised Information for Europe

KEEPING CITIZENS IN THE KNOW ON LOCAL AIR QUALITY

Polluted air has known negative impacts on the human health. In Europe, particles in the air are estimated to reduce the lifetime of the average citizen by eight months. Therefore air quality is a crucial environmental factor. Assessing and monitoring air pollution is fundamental to increase our welfare. PASODOBLE aims at improving capabilities in air quality information in Europe's regions and cities.

Timely and adequate information on air pollution levels can save lives. In the context of Europe's GMES monitor-



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PASODOBLE aims at developing local and regional air quality services to improve information for the public, people at risk, tourism and sports, to support the health community and to deliver policy relevant data and advise to local authorities and regional agencies.

ing system for environment and security, PASODOBLE seeks to provide information on local air quality directly to the public, people at risk and the health care community. Further services aim at the tourist and entertainment industries, providing valuable information for organizers of major public events such as sporting competitions or concerts. PASODOBLE will also support regional environmental agencies in fulfilling their compliance monitoring tasks by providing customized satellite-based products. Thus local action will contribute to mitigating global effects.

PASODOBLE builds on the capacities and lessons learned of the ESA GMES Service Element PROMOTE which has set up 40 user-driven air quality services in Europe. PASODOBLE will analyse existing user requirements and propose improved service designs for new and continued local and regional air quality monitoring and forecasting services.

At the benefit of European citizens the project aims at integrating and promoting best practice tools for local air quality services. In addition PASODOBLE works towards a harmonized European framework for sustainable services. By developing a generic and modular service infrastructure, including quality management, PASODOBLE will increase the implementation efficiency for new services in the future.



THILO ERBERTSEDER
IS PROJECT COORDINATOR

QUESTIONS & ANSWERS

What do you want to achieve with this project?

PASODOBLE will develop user-driven and sustainable air quality services in more than 35 regions and cities throughout Europe. We aim at improving public air quality information services, the support for people at risk and the supply of policy relevant information for decision makers.

Why is this project important for Europe?

Air quality is a trans-national problem with local sources. Therefore PASODOBLE combines local action and work towards European harmonisation. By raising awareness, reducing health costs and diminishing morbidity, it will improve quality of life and sustainability of welfare.

How does your work benefit European citizens?

The services provide a solution to mitigating the harm from air pollution by directly reaching residents who are most vulnerable, allowing them to change their behaviour or to take relief medication in time. This will in the long term reduce morbidity and mortality.

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LIST OF PARTNERS

- Deutsches Zentrum für Luft- und Raumfahrt e.V., Germany
- ACRI – ST, France
- AEA Technology, United Kingdom
- Aristotle University of Thessaloniki, Greece
- BMT ARGOSS, The Netherlands
- Institut d'Aeronomie Spatiale de Belgique, Belgium
- Bulgarian Academy of Sciences, GPhI, Bulgaria
- Cambridge Environmental Research Consultants, United Kingdom
- Carlo Gavazzi Space, Italy
- Centre Hospitalier Universitaire Nice, France
- Medical University of Vienna / European Aeroallergen Network, Austria
- European Medical Association, International
- Finish Meteorological Institut, Finland
- Koninklijk Nederlands Meteorologisch Instituut, The Netherlands
- Norsk Institutt for Luftforskning, Norway
- Rheinisches Institut für Umweltforschung an der Universität zu Köln, Germany
- Thales Alenia Space France, France
- Nederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek, The Netherlands
- Vlaamse instelling voor technologisch onderzoek, Belgium
- Nowcasting International, Ireland
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PROJECT INFORMATION

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(PASODOBLE)

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