

Air Quality: Worldwide Analysis and Forecasting of Atmospheric Composition for Health



OBJECTIVES

Develop tailored
products &
services to help
mitigate air
pollution and
their effects on
human health and
the economy



CONSORTIUM

7 partners from Germany, France, Finland, Israel, Spain, Netherlands, Czechia, Chile, USA and China



Seven innovative downstream products and services for improving air quality forecasts and attribution.





7 products

and services

AIR QUALITY WORLD ATLAS

PRODUCT 1

Global and regional atlases of air quality indices and reports.

PRODUCT 3

Dust and solar energy forecasts.

PRODUCT 2

Daily forecasts of air quality for metropolitan areas.

PRODUCT 4

Wildfire and Visibility Service

DUTS AND FIRE FORECASTING

The project will develop a supply chain leading to the generation of seven downstream products and services for improving air quality forecasts and attribution. These prototypes will be based on existing space and in situ observations of air quality and tailored to the identified needs of international users. These innovative products and services are aimed at improving public health and optimizing service provided by the energy sector in different regions of the world. The consortium includes knowledge institutes, applied science organizations and business-oriented partners to define the optimal functionalities of the products and services.

AIR QUALITY ATTRIBUTION & MITIGATION

PRODUCT 6

Attribution service with focus on agricultural sources operations

PRODUCT 7

Emission mitigation service

PRODUCT 5

Information service about air pollution resulting from fracking operations

FRACKING ANALYSIS

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