









The Copernicus Atmosphere Monitoring Service

Developing linkages with FAIRMODE





















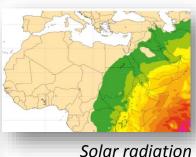
Atmosphere

Monitoring

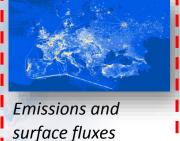
CAMS: COPERNICUS ATMOSPHERE MONITORING SERVICE



European Air Quality and products in support of policy users



Ozone layer



Global analyses, forecasts and reanalyses

Direct access to main daily global products at http://atmosphere.copernicus.eu/charts/cams





and UV index



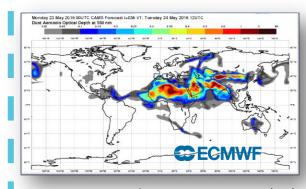


CAMS MAIN SERVICE CHAIN

Atmosphere Monitoring

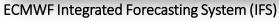
Space Agencies

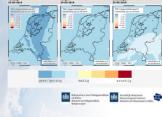












CONDON

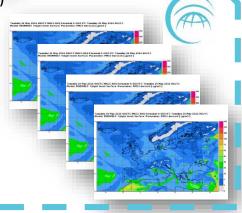
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Users: Env. Agencies Academia SMEs Citizens

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Regional multi-model ensemble (lead: Météo-France) Policy Products (lead: INERIS)



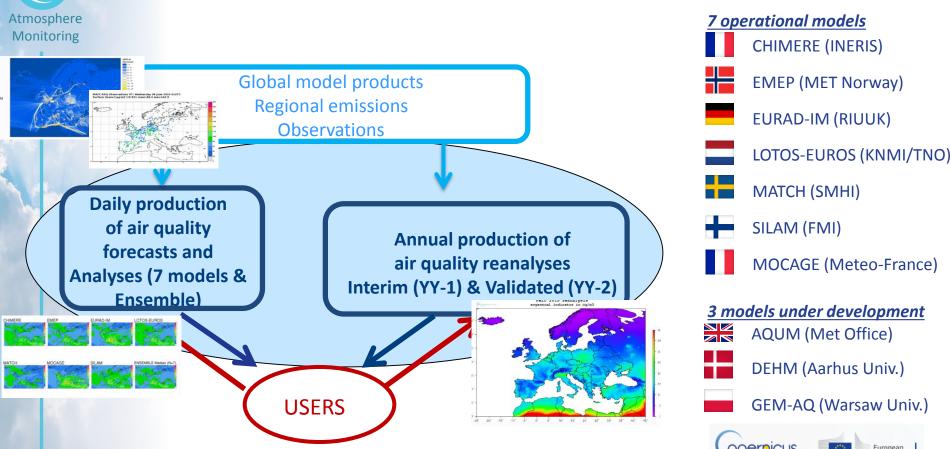








The Regional CAMS services for Europe





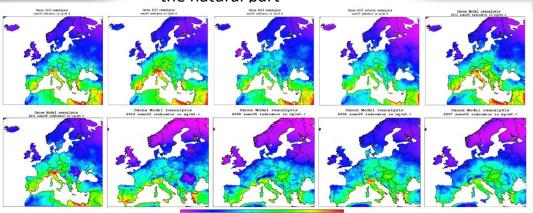
ANNUAL ASSESSMENT REPORTS

Atmosphere Monitoring



Reports on the European annual interim reanalysis (based on observations in an interim stage of validation)

- Focus on episodes for ozone
- Analysis to qualify the relative influence of various sources including the natural part



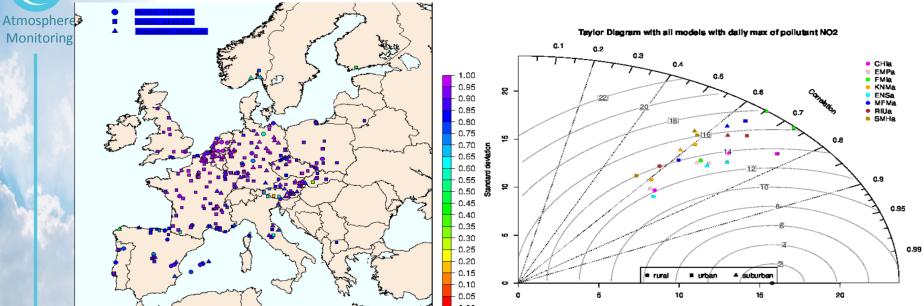
Reports on the European annual reanalysis (based on validated observations)

Rof CAMS71 2016SC1 071.1.88 201611 2014AAS v

- Focus on air quality indicators as set in the air quality Directives or relevant for impact studies.
- Consistent with the EEA air quality report



Assessments and forecats



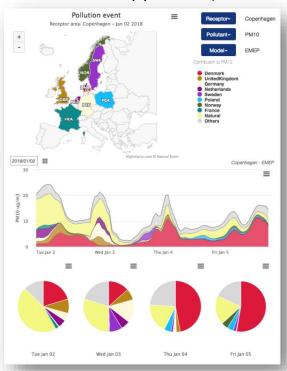
- Valuable inputs for nested modelling chains
- A lot of experience on forecasting system that could be proposed in a cooperative framework
- Planned in 2018-2019: evaluation of the analyses and re-analyses with respect with to the Fairmode MQO



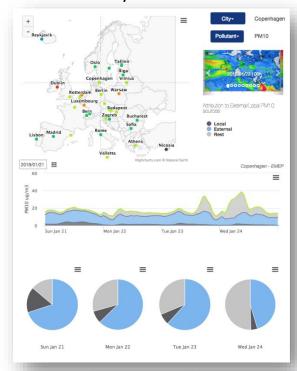
POLICY PRODUCTS: S/R CALCULATIONS

Atmosphere Monitoring

Country S/R calculations on demand (case of acute transboundary pollution)



Regional S/R calculations Daily forecasts



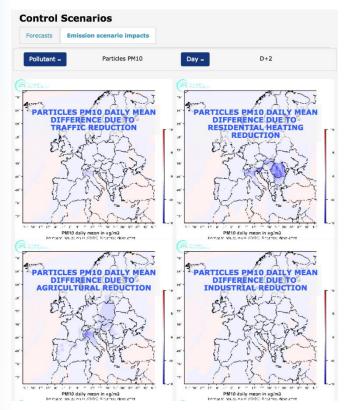


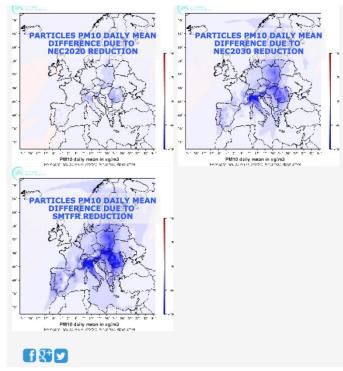




POLICY PRODUCTS: "GREEN SCENARIOS"

Atmosphere Monitoring









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