



obsAIRveYourBusiness

IAP Future Cities Workshop

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bavAIRia e.V.

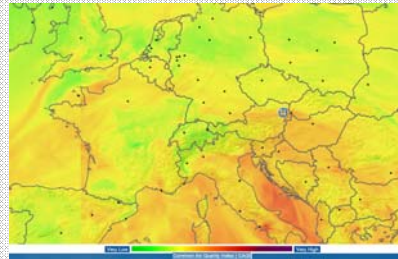


Air quality = Life quality

WHO: Air pollution is the single most dangerous health thread



Difficult to forecast and even to now cast air quality



Cities present a difficult ventilation situation



The project obsAIRveYourBusiness

obsAIRveYourBusiness



Project facts and figures



Start – End
01.06.2014 – 30.11.2015

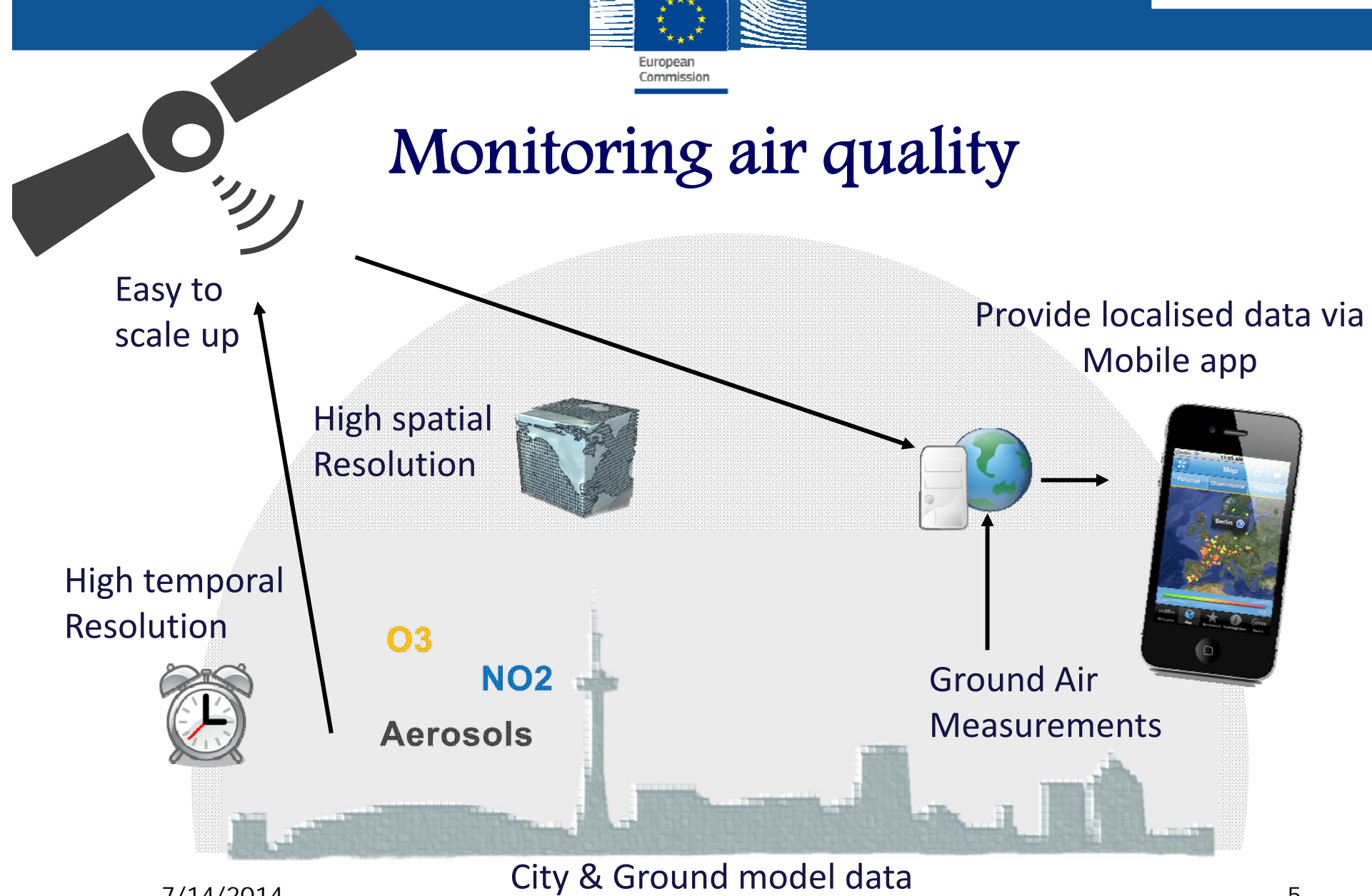
Part of European Mobile and Mobility Industries Alliance



Funded by the European Commission under the CIP Framework

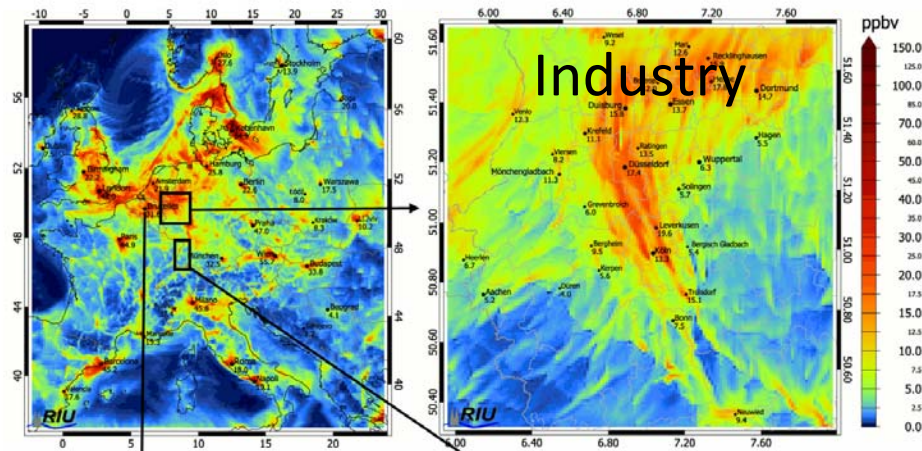


Monitoring air quality

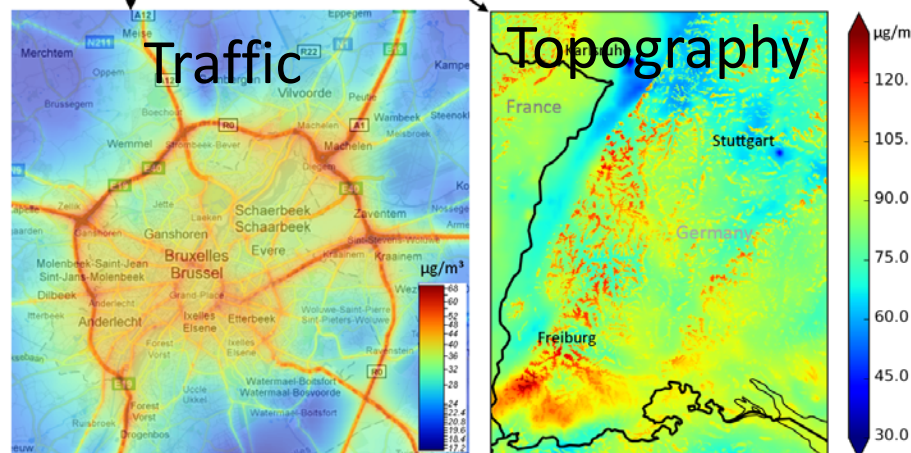


Air quality measurement by satellite

Air Quality depends on regional and local scales



EURAD-IM/RIU
Ruhr Area, DE
1km x 1km
NO₂



Brussels, VITO
city-level model
500m x 500m

POLYPHEMUS/DLR
Black Forest, DE
2km x 2km
O₃



Air quality service

- European-wide air quality service with high resolution now-casts and forecasts for selected cities
- Based on predecessor application obsAIRve

Challenges:

- High resolution model data for selected areas
 - Calculation – Model/Algorithm
 - Import, processing – near real time
 - Provision – mobile application
- Addressing the user/ smart cities
 - Design of mobile app – apply to standards
 - Development of mobile applications – iOS, Android, performance, etc.

Project Milestones



Participate in the project:

- Stakeholder Workshops & User Fora (Sep. 2014 – Nov 2015)
- Be part of the road show (Starting in 2015)

Initiation

Service Development Service

Demonstration



Contact

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