

Jaume Targa
EEA – ETC/ACC

National Air Quality Forecasting Seminar

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Content



- Overview of current status
 - What is it?
 - What's the coverage?
 - How does it work?
- Objectives in 2008
 - Consolidation
 - Extension to other pollutants
 - Summer Ozone reporting
- Conclusions



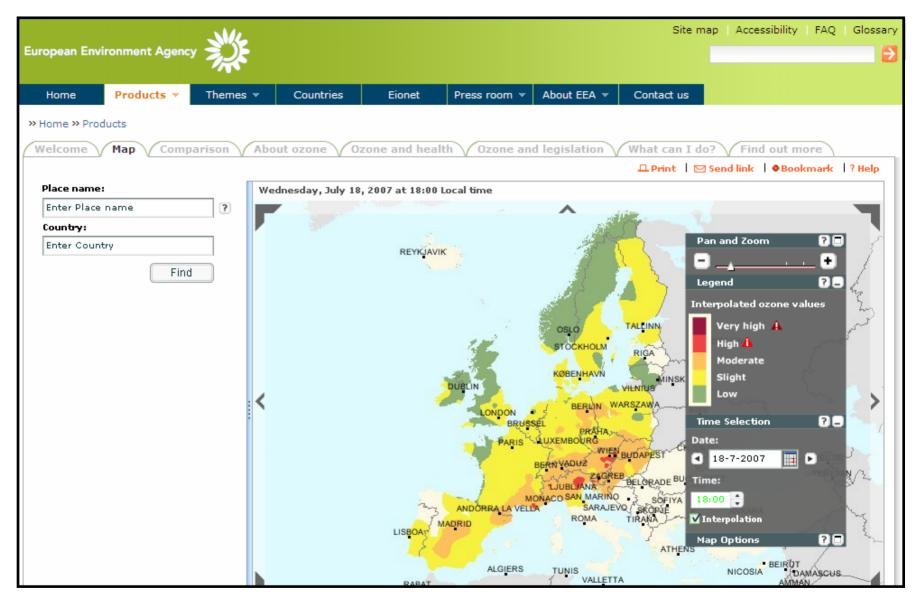
What is the Ozoneweb?



- An active exchange of near real time provisional air quality data between European Member States.
- The concept has evolved since its' inception in 2001.
- In July 2006, Ozoneweb was published on the EEA website

(<u>http://www.eea.europa.eu/maps/ozone/map/</u>).





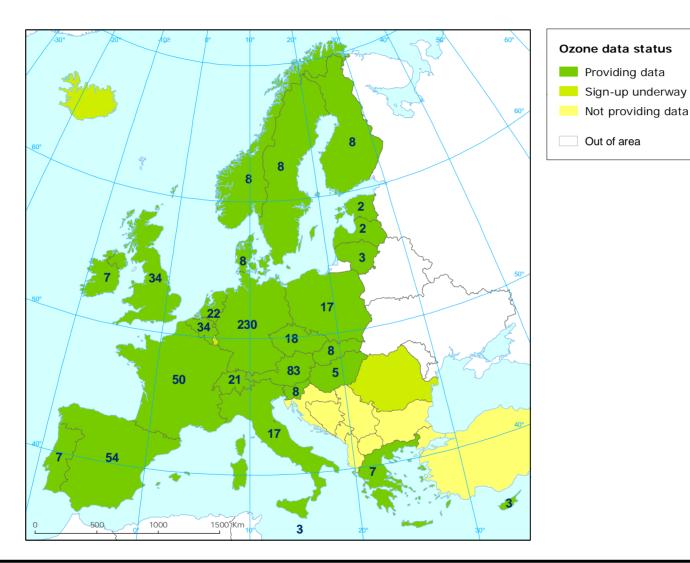
http://www.eea.europa.eu/maps/ozone/map/



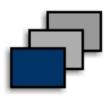


Geographical coverage





Current active ozone stations

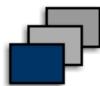


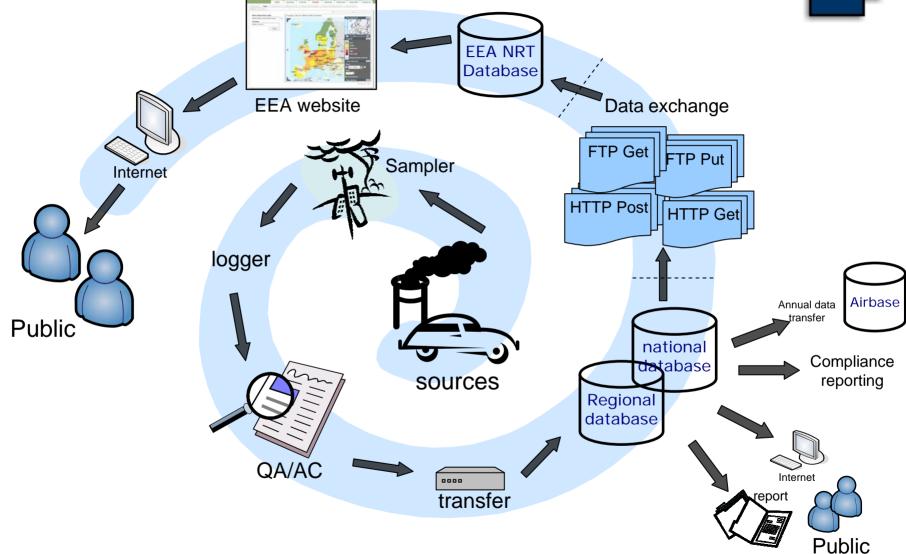


Active Ozone stations

OzoneActiveST

Where is all the data coming from?

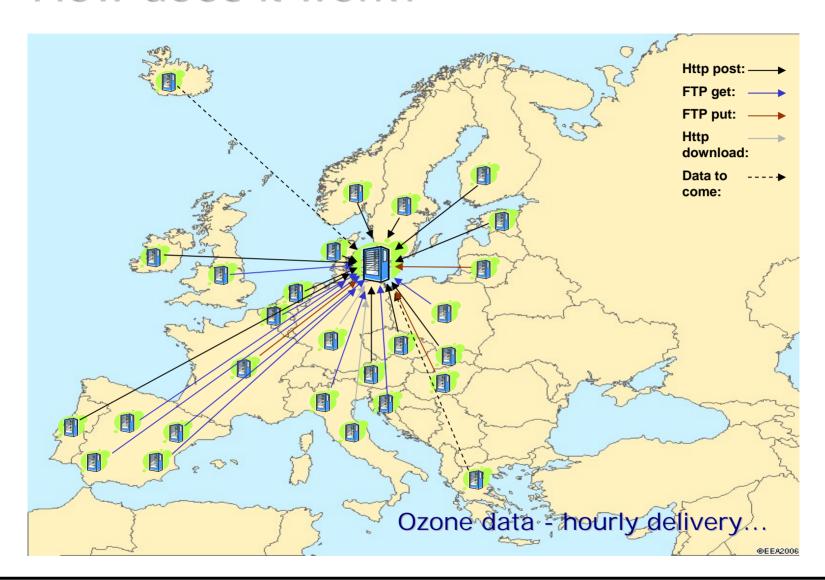




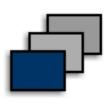


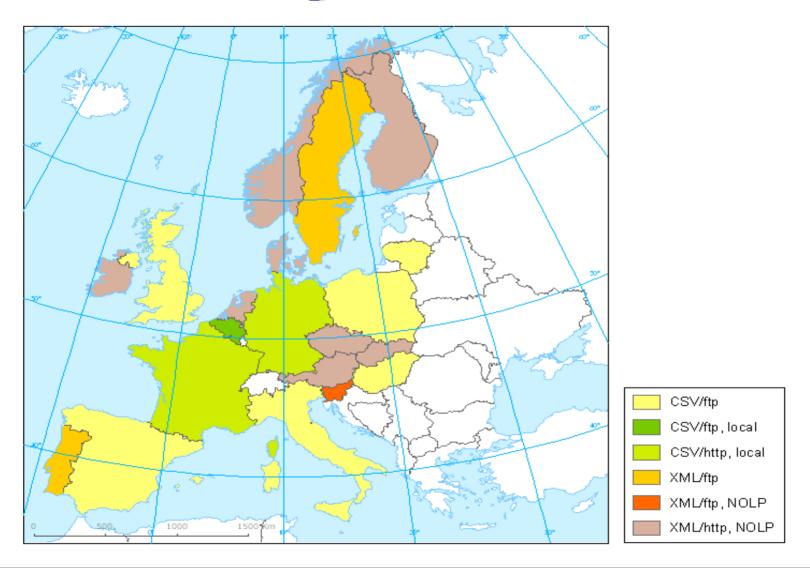
How does it work?





Data exchange mechanisms





Principles of data exchange



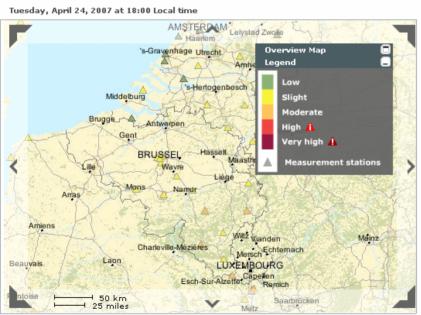
- **Control:** Data providers remain in control of data provision and use.
- **Visibility:** Visibility to data providers (branding and their services).
- Quality control: Data received in real-time by EEA will be filtered for data outside pre-set limits and null or error values.
- Added value services: EEA aims to provide added value services back to the data provider organisations.

Added value services – map viewer

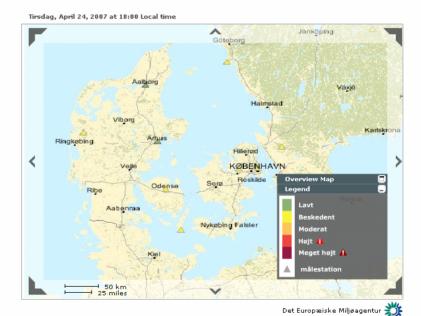


- Presents O3 data in a mini map on website
- Presents European, national or regional level

Belgium







Objectives in 2008



Consolidation of data exchange

Extend the NRT data exchange

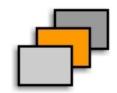
Summer Ozone Reporting

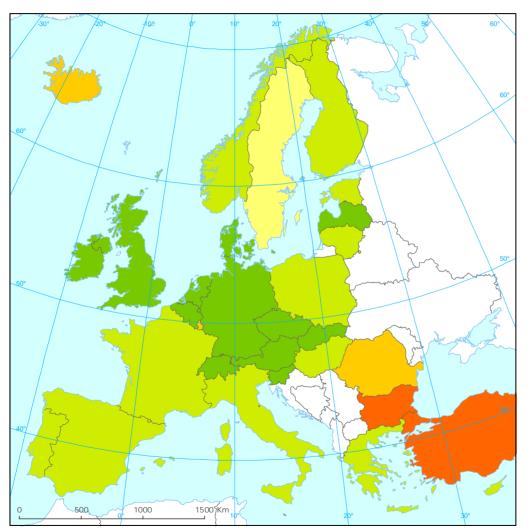
Consolidation of data exchange



- Maintain current data exchange
- Increase number of stations of current participants (if necessary)
- Incorporate ozone data from none participants (both Member States and Regions)

Consolidation of data exchange







Priorities in 2008 for ozone



- Romania
- Bulgaria
- Iceland
- Luxemburg
- Turkey
- Italy Southern and Central regions
- Spain Consolidate some regions + EMEP
- Greece increase coverage

Some already on board now...

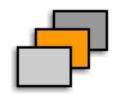


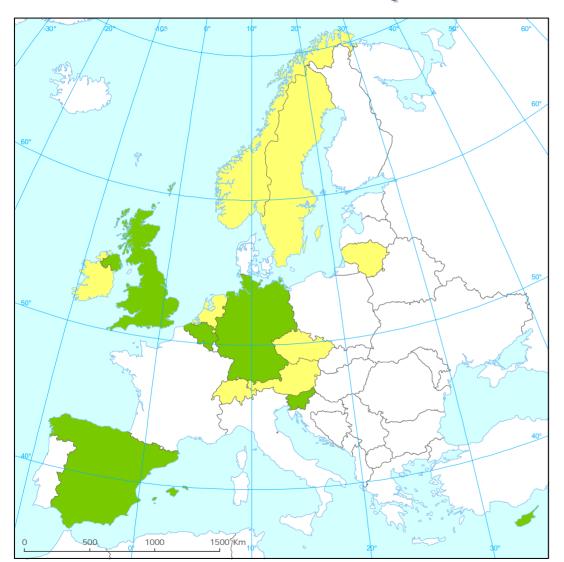
Extension to other pollutants

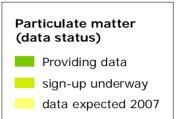


- EEA has extended the data exchange system to cater for particulate matter and NO₂
- Pro-actively encouraging air quality data exchange for Particulate Matter
- PM is strong candidate data to demonstrate that the successful ozone data exchange can be repeated for other parameters

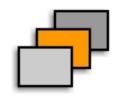
Extension to other pollutants







Latest list of PM data providers



- Austria (AT)
- Belgium (BE)
- Cyprus (CY)
- Czech Republic (CZ)
- Germany (DE)
- Ireland (IE)
- Liechtenstein (LI)
- Malta (MT)
- Netherlands (NL)
- Norway (NO)
- Slovenia (SI)
- Spain (Region of Andalucia)
- Switzerland (CH)
- United Kingdom (GB)

500 stations + 14 Member States

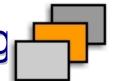


Using NRT data for summer ozone reporting-

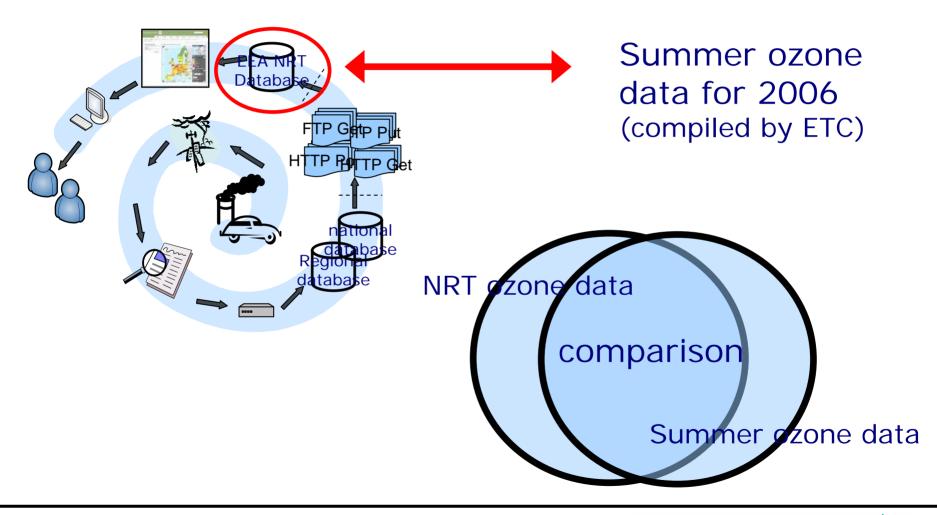
- 9
- Demonstrate that the system can be used to provide information relating to provisional ozone exceedances

Provide a basis upon which countries and the Commission can discuss streamlining summer ozone reporting by countries to the European level.

Using NRT data for summer ozone reporting



Encouraging results with 2006 data

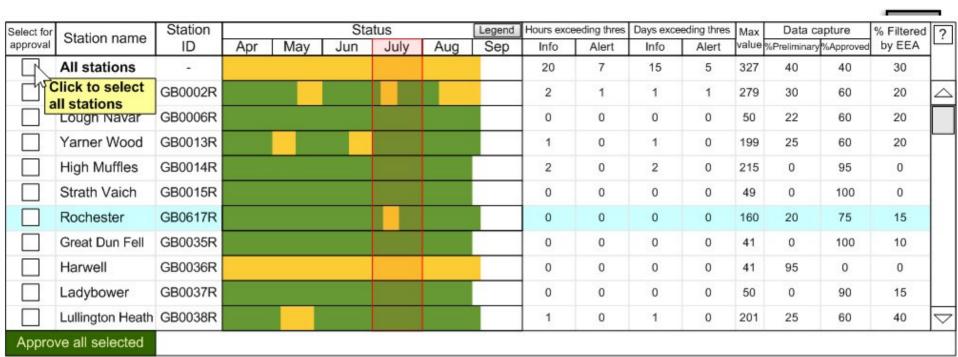


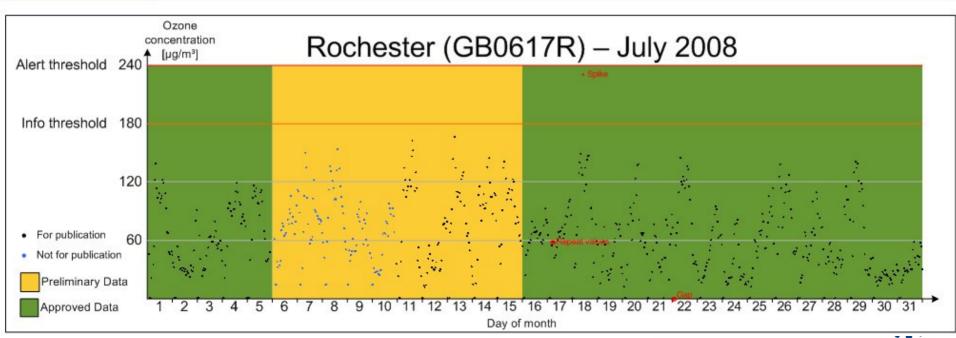
Using NRT data for summer ozone reporting

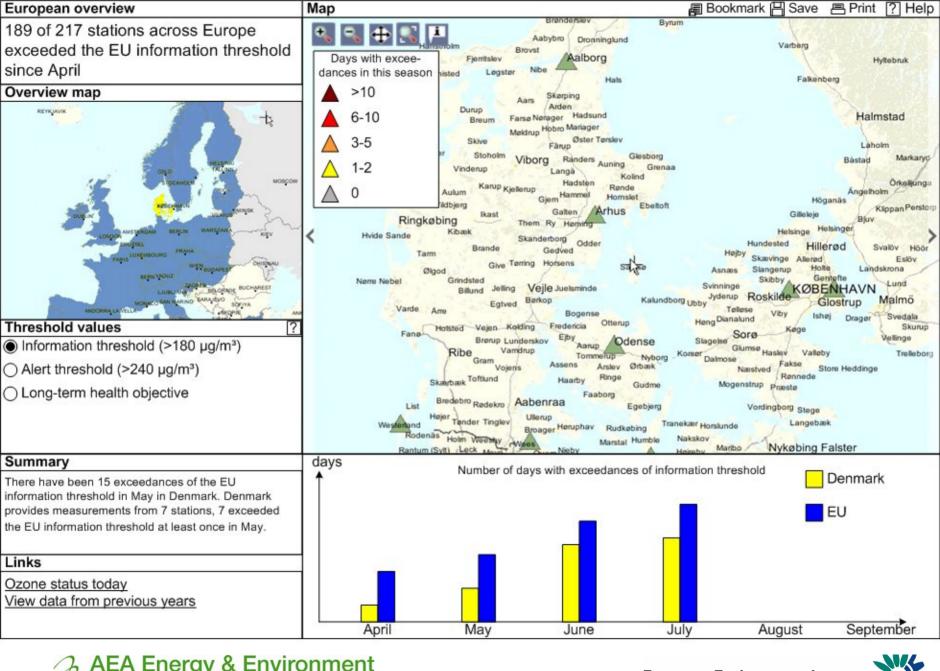
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Currently developing an interactive tool for data providers to administrate summer ozone data

Pilot study with more than 10 Member States will be carried out this summer



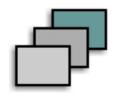








Conclusions



- Near real time data exchange
- Current and active data exchange
- Very good coverage across Europe
- Hourly delivery from more than 40 data providers...

Objectives in 2008

- Consolidation
- Extension to Particulate Matter
- Summer Ozone Report Piloting...





Any questions?

Jaume Targa jaume.targa@aeat.co.uk

+44 870 190 6669

Tim Haigh <u>tim.haigh@eea.europa.eu</u>

+45 33 36 72 34



