

# FAIRMODE WG1 - Assessment

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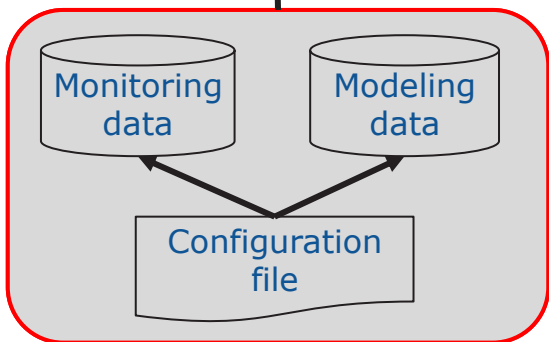
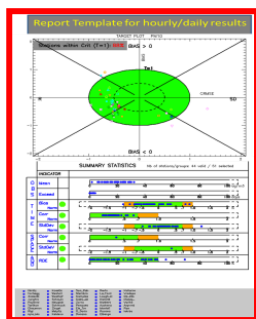
# Content

- » A centralized data base with EU wide DELTA applications (?)
- » Towards a MQO Guidance document
- » A CEN standard for FAIRMODE's MQO (?)
- » Experience with standardization in Germany by A. Graff
- » Discussion

# Data bases – FAIRMODE needs?

## FAIRMODE - WG1

## MDS



- Basic information
- Intended field of application
- Model type and dimension
- Model description summary
- Model limitations/approximations
- Resolution, Schemes, Solution technique
- Input / Output quantities
- User interface availability
- User community
- Previous applications
- Documentation status
- Validation and evaluation
- Frequently asked questions
- Portability, Availability
- References

# Data base

- » MDS:
  - » Any decision postponed until open issues of e-Reporting are clarified
  - » In the meantime explore option of a Wiki page → rather simple but no/less quality control
- » DELTA benchmarking data base:
  - » FAIRMODE participants might submit their DELTA i/o files (model results, monitoring data and configuration file) as well as DELTA report (?)
  - » If yes, a simple central repository would be made available at JRC
  - » Is there any objection to share those data sets within the FAIRMODE community?
    - » If not → data base can be used by other FAIRMODE members for testing, exploration...

# MQO & Benchmarking User's Guide

- » Possible content of a User's Guide:
  - » General introduction to the MQO
  - » Description of the DELTA tool
  - » “Real world” applications over Europe with contributions from FAIRMODE
  
- » Who is interested to contribute to the Guidance document?
  - » Possible contributions:
    - » Writing
    - » Reviewing
    - » Providing an application

# CEN/TC 264 - status

- » New work items/activities were voted on 04/04/14
- » FAIRMODE related topics:
  - » Modeling air quality: performance requirements, validation, QA/QC; relation with FAIRMODE
  - » Representativeness, classification, siting of monitoring stations; relation with Aquila, FAIRMODE
  - » Source apportionment (receptor models) to explain limit value exceedances; relation with FAIRMODE and JRC initiative
- » First feed-back: High interest on these FAIRMODE topics received from a number of countries
- » If interest from the FAIRMODE group, specific topics could be proposed at the next CEN meeting (May2014) with the goal of creating an ad-hoc CEN WG.

# Experience with standardization in Germany

## by Arno Graff

# CEN/TC 264 - discussion

- » Agreement (?) within WG1 to further explore options for launching a CEN working group on MQO standardization
- » If yes → Next steps:
  - » Which topics to propose?
    - » Suggestion → “A CEN standard for evaluation of air quality modelling: the FAIRMODE Model Quality Objective”
  - » Establish a core team to launch the working group (contacts between FAIRMODE and CEN to be established)



# Additional topics...

- » New FAIRMODE website
- » Connection with new LIFE+ program
- » ...