



# Summary of the FAIRMODE CT5 discussion

## Air Quality Management Practices

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*FAIRMODE Technical Meeting*

*October 2020*

# Agenda

- 9:00 - 9:10: status of the work for the AQ guidelines, need to collect 'key challenges'
- 9:10 - 10:00: presentations of the 'key challenges' already proposed by FAIRMODE participants
  - Andreas Eisold
  - Christian Nagl
  - Matthew.Ross-Jones / Kristina Eneroth
  - Vasiliki Assimakopoulou
  - Marialuisa Volta
- 10:00 - 10:30: break-out sessions: collecting further 'key challenges' and volunteers for the work
- 10:30 - 11:15: report to the plenary of the outcome of the break-out sessions
- 11:15 - 11:30: conclusions and next steps

# Current frame for AQ guidelines

- Discussion in previous meetings (Oct2019: Madrid, Feb2020: Berlin)
- We agreed that AQ guidelines will be:
  - A short summary of existing knowledge
  - A list of key challenges

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- We agreed that AQ guidelines will be:
  - A short summary of existing knowledge, i.e.
    - UK guidance
    - APPRAISAL FP7 project results
    - FAIRMODE previous documents
    - E-reporting...
    - Air implementation pilot from EEA
    - More?
  - A list of key challenges

# For each key challenge, 5 pages template:

## Key challenge ##

### 1. Motivation

Explain why this challenge is important...

### 2. General description of the approach

Describe the approach in general terms, including the iterative process (if any) to get to the final recommended list of measures.

- a. Measures
- b. Emissions
- c. Concentrations
- d. Exposure / impacts (voluntary)

Important features:

- Which approach, which spatial resolution, uncertainty? Only exposure or also impacts?
- (if available) integrated assessment modelling and/or cost-benefit analysis approach(s)

### 3. Final remarks

# This morning we got feedback / new ideas (1/2)

## GENERAL COMMENT:

- CT5 work will be useful to help authorities with methodological knowledge on how to tackle challenges
- We will focus on long-term approaches, but may include also short-term
- The assessment of both soft and hard measures could be included
- Proposing simplified approaches to tackle the challenges? Yes, if they prove to be fit-for-purpose

# This morning we got feedback / new ideas (2/2)

## SPECIFIC IDEAS (key challenges?):

- Analyzing the 'basecase', to understand reasons for exceedances, sources contributing to exceedances, ...
- Best practices for exposure modelling & area of exceedance
- Best practices to link models at different scales
  
- Assessing measures to reduce non-exhaust PM10
- Assessing measures to reduce NO2 (from NOx emissions to NO2)
- Assessing economic measures: i.e. impact of removing parking places?
  
- Co-benefits due to air quality measures, on climate, health, (and vice-versa)...
- Integrating with other policies & plans (green deal, recovery plans, ...)
- Optimization of measures, considering energy measures, NEC, economy?

# Next step

- VC end of November (soon invitation to CT5 mailing list):
  - Agree on Introduction content and references
  - Agree on Key challenges and
  - Who contributes to what
- Timeline
  - Plenary meeting 2021: introduction draft
  - Technical meeting 2021: few key challenges ready