



SR5: Assessing the spatial representativeness of air quality sampling points

ENV.C.3/FRA/2017/0012

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The overarching objective of this specific agreement is to underpin recommendations on the spatial representativeness of sampling points – focussed on those monitoring particulate matter, nitrogen dioxide and ozone – and related modelling and reporting.

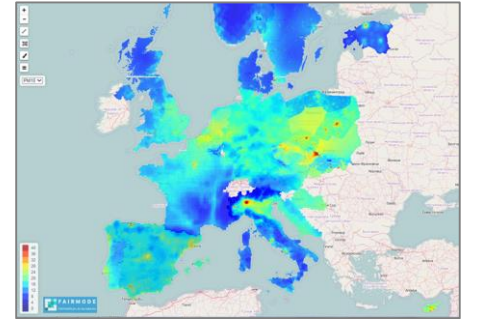
This translates to the following specific objectives:

1. To support the development of recommendations on methodologies to assess spatial representativeness of sampling points and air quality modelling.
2. To collate authoritative air quality and air emission maps, and compile these to bottom-up composition maps of air pollution in Europe.
3. To provide support to the assessment of the application of the criteria for selecting sampling points in Member States, by carrying out an overview of the existing network.

Overview of Tasks

Task 1 : Draft **recommendations** for assessing SR for specified assessment needs in the context of **monitoring, modelling** and **reporting**. A **tiered approach** is proposed:

- Recognize limitations in member states resource
- *Fitness for purpose* of models in model-based methodologies
- **Engage** with the FAIRMODE community is in the workplan



Task 2: Collate air quality and air emission information necessary to support determination of SR in the **composite mapping platform** developed under FAIRMODE

Task 3: Carry out an initial assessment of application in Member States of the criteria for selecting **traffic and industrial sites** – as basis for further dialogue and recommendations to facilitate a harmonised application of SR methods throughout the European Union

The Project Team



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Service Request 5



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