

SEEDS General Assembly and Stakeholder Engagement Meeting

30th – 31st March 2023

Hybrid meeting in Barcelona, Spain - Draft Agenda

Thursday 30th March (10:00-17:00) - SEEDS emission products

10:00 - 10:15 SEEDS project: Main achievements so far (Leonor Tarrason, NILU)

Block 1 : Industrial emissions

10:15 – 10:30 Experiences of use of EPRTTR and expectation on SEEDS (Chris Dore, AETHER, tbc)

10:30 – 10:45 Use of Satellite data for NO_x point sources (Henk Eskes, KMNI)

10:45 – 11:00 SEEDS NO_x emissions from industrial plants (Ronald Van der A, KNMI)

11:00 – 11:15 Evaluation of industrial emissions at EEA using satellite data (F. Antognazza, EEA, tbc)

11:15 – 11:30 Cements of Barcelona – how to use these data (Barcelona stakeholder, tbc)

11:30 -12:00 Common discussion on perspectives for use of satellite point source NO_x

12:00-12:30 Coffee Break

Block 2 : Fire Emissions

12:30 – 12:45 Main uses of Biomass burning products in CAMS (Mark Parrington, ECMWF, tbc)

12:45 – 13:00 Fire emissions in SEEDS (Jenny Stavrakou, BIRA_IASB)

13:00 – 13:30 Common Discussion *13:30 - 15:00 Lunch break*

Block 3 – Emissions in cities

15:00 – 15:15 SEEDS NO_x emissions in cities (Ronald Van der A, KMNI)

15:15 – 15:30 Lessons learnt from Catalonian emissions in cooperation with SEEDS (Marc Guevara, BSC, tbc)

15:30 – 15:45 SEEDS VOCs in cities and links to ozone (Glenn Michael Oomen, BIRA_IASB)

15:45 – 16:00 Air Quality emissions and control in the City of Madrid – requirements for emission information (Angeles Cristobal Lopez, Community of Madrid, tbc)

16:00 – 16:15 Air quality in the Metropolitan area of Barcelona and expectations on satellite-based emissions (Eva Español, AMB, tbc)

16:15 – 16:45 Common discussion on perspectives of use of satellite data for city emissions

16:45 – 17:00 Summary and perspectives on SEEDS emission products

City visit and dinner

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Friday 31st March (09:00-13:00) – SEEDS surface fluxes

09:00 – 09:15 CAMS expectations on SEEDS science and products (Vincent-Henri Peuch, ECMWF, tbc)

Block 4 Agricultural emissions

09:15 – 09:30 SEEDS NH₃ emissions (Jieying Ding, KNMI)

09:30 - 09:45 SEEDS Soil Biogenic of NO_x (Ronald van der A, KNMI)

09:45 - 10:00 Main issues with ammonia emissions in the Netherlands and how satellite data may help improving understanding of emissions (Margreet van Zanten, RIVM,tbc).

10:00 – 10:15 The importance of NH₃ emissions in Denmark (Ole- Kenneth Nielsen, DMU, tbc)

10:15 – 10:30 Common discussion on agricultural emissions

10:30 – 10:45 Coffee Break

Block 5 : Deposition fluxes and yields

10:45- 11:00 Deposition of chemical pollutants and their effects on vegetation yields (Isaura Rabago , CIEMAT, tbc)

11:00 – 11:15 SEEDS Nitrogen and Ozone dry depositions (Paul Hamer, NILU)

11:15 – 11:30 Applications of EO products as a resource in agricultural management (Victor Altes, ULleida. tbc)

11:30- 11:45 Added value of deposition products to CAMS (Joaquin Arteta , MeteoFrance)

11:45 – 12:00 Common discussion on deposition fluxes

Block 6 : Physical information on SM and LAI

12:00 -12:15 SEEDS and CORSO (Anna Agusti-Panareda. ECMWF. tbc)

12:15- 12:30 SEEDS Soil Moisture and LAI products (Jean-Christophe Calvet, CNRM)

12:30 -12:45 Irrigation management based on satellite observations (Pere Quintana, Obser.Ebre, tbc)

12.45 – 13:00 Common discussion and perspectives on surface fluxes