

Fairmode technical meeting: Zagreb 27-29/06/2016 --- Agenda

Monday 27/06				
12:00-13:00	Registration			
13:00-13:30	Introduction			
13:30-14:30				Intro to SHERPA
14:30-16:00		Best practice	Intercomparison	SHERPA discussion
16:00-16:30	Coffee break			
16:30-18:00	Guidance Mod. Qual. Obj. (MQO)	Training	Intercomparison	
Tuesday 28/06				
09:00-10:30	Guidance MQO	Benchmarking	Intercomp. Exercise	
10:30-11:00	Coffee break			
11:00-12:30	Forecast	Benchmarking	Intercomp. Exercise	
12:30-13:30	Lunch break			
13:30-14:30	Composite mapping	Benchmarking	Planning ↔ Inter-comparison	
14:30-15:00		Composite mapping		
15:00-16:00			Guidelines	
	Excursion			
Wednesday 29/06				
09:00-10:30	Composite mapping → emissions		SHERPA, SA & e-reporting	
10:30-11:00	Coffee break			
11:00-12:30	Spatial repres.			Abatement measures
12:30-13:30	Lunch break			
13:30-15:00	Tech. recomm. for workplan	Tech. recomm. for workplan	Tech. recomm. for workplan	Tech. recomm. for workplan
15:00-16:30	New emerging issues – short term policy support – Future priorities			

WG1
Assessment

WG2
Emissions

WG3
Src. App.

WG4
Planning

Agenda WG1

Monday 27th June 2016

16:30-18:00 WG1 - Session 1 – Guidance on Model Quality Objectives (MQO)

- 16:30-17:00 Update on the Modelling Quality Objective (P. Thunis)
- 17:00-17:15 Evaluation of the ETC/ACM AQ maps using Delta tool and MQO (J. Horalek)
- 17:15-17:30 Use of DELTA for Bulgarian applications (E. Georgieva)
- 17:30-17:45 Feedback on Guidance Document and new MQO - AQI forecasts for Poland (P. Durka)
- 17:45-18:00 Feedback on the Guidance Document, the new MQO and Target plot (A. Monteiro)

Tuesday 28th June 2016

09:00-10:30 WG1 - Session 2 – Guidance on Model Quality Objectives (MQO)

- 09:00-09:15 Differences between the new and old MQO (G. Sousa Santos)
- 09:15-09:30 Model validation in the Netherlands and the MQO (J. Wesseling)
- 09:30-09:50 Joint publicaiton on new MQO & best practices (A. Monteiro)
- 09:50-10:30 Discussion (all)

11:00-12:30 WG1 - Session 3 –Forecast

- 11:00-11:15 Evaluation of Delta Forecasting MQO v5.2 for London (J. Stocker)
- 11:15-11:30 Feedback on the DELTA Forecast benchmarking tool (L. Malherbe & F. Tognet)
- 11:30-11:45 Evaluation of DELTA Forecasting for Finland (A. Karppinen)
- 11:45-12:30 Discussion (all)

13:30-15:00 WG1 - Session 4 – Exceedances

- 13:30-13:45 Estimating exceedances: German experiences (S. Nordmann (tbc))
- 13:45-14:00 Statistics relating to 'exceedance situations' for London (J. Stocker)
- 14:00-14:15 Feedback on the composite mapping exercise and on our experience on estimation of parameters requested from the IPR Decision. (A. Piersanti)
- 14:15-14:30 Danish experience in estimating and mapping exceedances of environmental objectives (H. Olesen)
- 14:30-15:00 Discussion (all)

15:00-16:00 **WG1 - Session 5 – Composite mapping**

15:00-15:10 Update on the Comp. Map Exercise: new contributions and new features (S. Janssen)

15:10-16:00 Workshop in regional clusters (e.g. N, W, S, E-Europe) to discuss emerging issues in the Composite Map

Wednesday 29th June 2016

09:00-10:30 **WG1 - Session 6 – Composite Mapping**

09:00-09:30 Feedback of the WG1 workshops: proposal for best practices and recommendations (representatives from the WG1 subteams)

09:30-10:00 Feedback of the WG2 workshop on composite emission mapping (representatives from WG2)

10:00-10:30 Clarification issues – Common discussion on composite emission mapping

11:00-12:30 **WG1 - Session 7 – Spatial representativeness**

11:00-11:10 Feedback of the review of methodologies, links with legislation and scope of the Intercomparison Exercise (IE) on estimating the spatial representativeness of Air Quality Monitoring Stations

11:10-11:30 Presentation of the dataset of Antwerp for the IE

11:30-11:40 Use of virtual station data as additional measuring campaign: bias and noise

11:40-12:30 Discussion: reporting of results, data treatment of the IE results, extension of the scope of the IE (SR of virtual stations and classification of stations) ...

13:30-15:00 **WG1 – Session 8 – Technical recommendations**

Agenda WG2

Monday 27th June 2016

14:30-16:00 WG2 - Session 1 – Best practices

- 14:30-15:00 Best practices for traffic emissions (M. Guevara)
- 15:00-15:30 Methods for improving emission estimates for regional and local scale AQ- modelling: FMI experiences (A. Karpinnen)
- 15:30-16:00 Common discussion on the usefulness on exchanging best practices on emission compilation within FAIRMODE

16:30-18:00 WG2 - Session 2 – Training on the Emission benchmarking Tool

Interactive session with selected number of exercises to the participants
Dedicated training for Bar-plot (Marc Guevara and Susana López-Aparicio)
Dedicated training for diamond diagram (Alain Clappier)

Tuesday 28th June 2016

09:00-10:30 WG2 – Session 3 – Benchmarking conclusions sector analysis

- 09:00-09:30 Traffic emissions of PM10 and NOx in Stockholm - a comparison between bottom-up and top-down data (K. Eneroth)
- 09:30- 10:00 The issue of spatial scale in comparing national and local BU v. TD emissions inventories. A case study for Spain and the UK. (Michel Vedrenne, Julio Lumbreras, Juan Manuel de Andrés, Rafael Borge)
- 10:00-10:30 Discussion (all)

11:00-12:30 WG2 – Session 4 – Benchmarking conclusions on TD comparisons

- 11:00-11:30 Insights from benchmarking top-down with bottom-up emission inventories in several Norwegian urban areas (S. López-Aparicio and L. Tarrasón)
- 11:30-12:00 Benchmarking of several top-down inventories in various urban areas in Europe (M. Trombetti and P. Thunis)
- 12:00--12:30 Discussion (all)

13:30- 14:30 WG2 - Session 5 – Benchmarking Tool -experience session

- 13:30-14:00 Improving emissions from residential combustion sector (J. Ferreira)
- 14:00- 14:15 Feedback on the emission tool by Greece (V. D. Assimakopoulos)
- 14:15 -14:30 Feedback on the emission tool by Emilia Rogmana (M.Stortini)

14:45-16:00 WG2 – Session 6– composite mapping

14:45- 15:00 Responses by the internet questionnaire (M.Guevara)

15:00- 15:20 Possible outcomes of a composite emission exercise (L. Tarrasón)

15:20 -16:00 Common discussion on the goals and purpose of the an emission mapping exercise – benefits for WG2 participants

Wednesday 29th June 2016

Experiences from the training session and conclusion session- feedback by participants

09:00-10:30 WG2 + WG1 – Joint composite mapping session

09:00- 09:30 Feedback of the WG1 workshops: proposal for best practices and recommendations (representatives from the WG1 subteams)

09:30-10:00 Feedback of the WG2 workshop on composite emission mapping (representatives from WG2- Susana López-Aparicio)

10:00-10:30 Clarification issues – Common discussion on composite emission mapping

13:30-15:00 WG2 – Session 7 – technical recommendations

13:30-13:50 Short term policy support activities by FAIRMODE WG2 (L Tarrason)

13:50-14:10 Emerging issues for emission work that are relevant to FAIRMODE (M Guevara)

14:10- 14:45 Tour de table

14:45-15:00 Conclusions on technical recommendations by chairs

Agenda WG3

Monday 27th June 2016

14:30-18:00 WG3 - Session 1 – Intercomparison

- 14:30-15:00 Preliminary results of the RM intercomparison (C. Belis)
- 15:00-15:30 PMF5 sensitivity test (D. Mooibroeck)
- 15:30-16:00 PSI ME-2 approach used for the IE (I. El Haddad)
- 16:30-17:00 Constrained PMF5.0 approach to multisite study in France (D. Salameh)
- 17:00-17:30 Preliminary results of the CTM intercomparison (C. Belis)
- 17:30-18:00 CAMX SA exercise general approach (G. Pirovano)

Tuesday 28th June 2016

09:00-12:30 WG3 - Session 2 – Intercomparison

- 09:00-09:30 CAMx sensitivity runs (J. Ferreira)
- 09:30-10:00 FARM SA run (G. Calori)
- 10:00-10:30 Preliminary results of the RM vs CTM intercomparison (C. Belis)
- 11:00-11:30 Lessons learned from intercomparison and sensitivity tests (G. Pirovano)
- 11:30-12:00 Preliminary conclusions for both RM and CTM (C. Belis)
- 12:00-12:30 Discussion

13:30-15:00 WG3 – Session 3 – Interactions WG3 *& WG4

- 13:30-14:00 Summary of intercomparison results (G. Pirovano)
- 14:00-14:30 introduction to key concepts of common interest (A. Clappier)
- 14:30-15:00 Discussion

15:00-16:00 WG3 – Session 4 – Guidelines

- 15:00-15:30 implications of the IE for the revision of the SA guidelines (G. Pirovano)
- 15:30-16:00 Progress in the CEN WG44 group on SA (A. Pietrodangelo)

Wednesday 29th June 2016

09:00-10:30 WG3 – Session 5 – SHERPA, SA and e-reporting

09:00-09:30 Developments concerning SA in the e-reporting process (C. Belis)

09:30-10:00 Towards a harmonized approach for P&P reporting (A. Clappier)

10:00-10:30 Discussion: what are the needs in terms of e-reporting and Sherpa

13:30-15:00 WG3 – Session 6 – technical recommendations

Agenda WG4

Monday 27th June 2016

13:30-16:00 WG4 - Session 1 – SHERPA

13:30-14:00 SHERPA a tool to promote harmonization among WG (A. Clappier)

14:00-14:30 Discussion

14:30-16:00 Regional applications of SHERPA and benchmarking (A. Clappier)

Tuesday 28th June 2016

13:30-15:00 WG4 – Session 2 – Interactions WG3 *& WG4

see WG3 agenda

Wednesday 29th June 2016

11:00-12:30 WG4 – Session 3 – Abatement measures

11:00-11:30 What about and which abatement measures? (A. Monteiro)

11:30-12:30 Discussion

13:30-15:00 WG4 – Session 4 – technical recommendations