

FAIRMODE WG2 Meeting – draft agenda

Tuesday, 14th June 2011

SMHI, Norrköping, Sweden

09:00-12.30	<i>SGs Plenary – Introduction on WG2 ad SG break outs</i>	
	<i>Welcome address host</i>	<i>Hans Backström (Product Manager Air Quality, SMHI)</i>
	Introduction	S. Galmarini
	MONITORING & MODELLING (SG1)	B. Denby
	CONTRIBUTION OF NATURAL SOURCES AND SOURCE APPORTIONMENT (SG2)	J. Douros/C. Belis
	EMISSIONS & PROJECTIONS (SG3)	J. Lubreras/R. Borge
	MODELS BENCHMARKING (SG4)	P. Thunis
10:20 -11:00	<i>Coffee Break and move to SG's rooms</i>	
11:00-12:30	<i>SGs SG break outs</i>	
	MONITORING & MODELLING (SG1)	B. Denby
	CONTRIBUTION OF NATURAL SOURCES AND SOURCE APPORTIONMENT (SG2)	J. Douros/C. Belis
	EMISSIONS & PROJECTIONS (SG3)	J. Lumbreras/R. Borge
	MODELS BENCHMARKING (SG4)	P. Thunis
12:30 – 14:00	<i>Lunch Break</i>	
14:00 – 16:00	<i>SGs break outs</i>	
	MONITORING & MODELLING (SG1)	B. Denby
	CONTRIBUTION OF NATURAL SOURCES AND SOURCE APPORTIONMENT (SG2)	J. Douros/C. Belis
	EMISSIONS & PROJECTIONS (SG3)	J. Lumbreras/R. Borge
	MODELS BENCHMARKING (SG4)	P. Thunis
16:00 – 16:15	<i>Coffee Break</i>	
16:15 – 18:00	<i>SGs interactions</i>	
	SG2+SG3	J. Lumbreras/R. Borge /J. Douros/C. Belis
	SG4+SG1	P. Thunis/ B. Denby

Detailed agendas of the WG2 sub-groups

MONITORING & MODELLING (SG1)

Agenda

1. Results of the 'request for information' concerning data assimilation activities in Europe. Results, discussion and additions
2. Methods for quality assurance when combining monitoring and modeling. Proposed methods and implication for Benchmarking activities of SG4
3. Contribution of SG1 to the revision of the Directive. Providing recommendations on methods and quality assurance.
4. Defining representativeness of monitoring stations for modeling and data assimilation. Results of the survey and implications for the Directive

SG1 + SG4: Agenda

1. Station representativeness for quality assurance and implementation in the bench marking activities
2. How to bench mark data assimilation methods? How to implement these?

CONTRIBUTION OF NATURAL SOURCES AND SOURCE APPORTIONMENT (SG2)

Agenda

Session: Source Apportionment and Natural Sources - Common items

1. Status and main output of the SG since last meeting
2. The source apportionment of NO₂
3. Synergy with SG4 and other SGs with emphasis on the contribution to the draft quality assurance / quality control protocol
4. Review of responses from the source apportionment methodologies questionnaire
5. Participants reports on new studies, recent applications and ongoing projects of source apportionment using dispersion models
6. Outline and discussion on a recommendations document for source apportionment and natural contributions
7. Timetable and next steps

Session: The use of Receptor Models in Source Apportionment

1. Summary and main outputs of the workshop in November 2010
2. Presentation of the RM Intercomparison outline
3. Preparatory activity carried out by JRC after the workshop
4. Participants presentations on recent/current activity of their groups
5. Participants reports on new studies, recent applications of receptor models, and ongoing projects
6. Discussion on the test databases and progress of the intercomparison for Receptor Models
7. Contributions to the draft Quality Assurance Quality Control protocol for the use of Receptor Models in the implementation of the AQD.

EMISSIONS & PROJECTIONS (SG3)

Agenda

SG3 only to discuss background document and questionnaire (1/2) day

Joint with SG2 to discuss particular requirements of EI to support SA analysis (1/4 day)

MODELS BENCHMARKING (SG4)

Agenda

1. Summary overview of current work and developments
 - DELTA beta-version (JRC)
 - Template for reporting model performances (JRC)

2. User feed-backs discussion

This discussion will be organized on the basis of a questionnaire (sent to all SG4 participants) to collect their feedback on the use of DELTA and on the proposed template for the performance report:

- DELTA users experiences (DELTA users are invited to present their work on the basis of the questionnaire)
 - Example of application of DELTA on various datasets (JRC)
3. Future plans:
- Future DELTA developments
 - The centralized benchmarking service
 - Data extraction/preparation facility
 - ENSEMBLE
 - Set-up of performance and goal criteria
4. Implications for Policy

SG1 + SG4: Agenda

Station representativeness for quality assurance and implementation in the bench marking activities
How to bench mark data assimilation methods? How to implement these?

FAIRMODE WG2 Meeting – draft agenda

Wednesday, 15th June 2011- morning

SMHI, Norrköping, Sweden

09:00-12.30	SGs Joint	
	SG1, SG2, SG3, SG4 summaries including input to the review process from SGs	
10:30 -11:00	Coffee Break	
11:00 12:30	SG1, SG2, SG3, SG4 summaries and input to the review process from SGs	All/S. Galmarini

FAIRMODE WG1 Meeting – draft agenda

Wednesday, 15th June 2011- afternoon

SMHI, Norrköping, Sweden

14:00 – 14:10	Welcome	Anke Lükewille (EEA)
14:10 – 14:30	User requirements of EIONET Air Quality National Reference Centres and of EEA towards the GMES Atmosphere Services (MACC)	Laurence Rouil (ETC/ACM – INERIS)
14:30 – 15:00	Swedish experiences of applying the Quality Objectives for NO ₂ and PM ₁₀ modelling	Lars Gidhagen (SMHI)
15:00 – 16:00	<p>Discussion: The role of modelling in the revised Directive.</p> <p>1. Presentation of results from the request for information from FAIRMODE MS representatives concerning modelling and the Directive.</p> <p>2. Discussion on the following topics:</p> <p style="padding-left: 40px;"><i>Mandatory modelling requirements in the Directive</i></p> <p style="padding-left: 40px;"><i>Need for clarity concerning modelling in the Directive</i></p> <p style="padding-left: 40px;"><i>Optimal use of monitoring and modelling in the Directive</i></p> <p style="padding-left: 40px;"><i>Quality objectives in the Directive</i></p>	All Chair: Bruce Denby (ETC/ACM – NILU)
16:00 – 16:20	Coffee Break	
16:20 – 17:20	<p>Discussion: The role of modelling in the revised Directive (continued).</p> <p>Focus on the quality objectives (QO)</p> <p style="padding-left: 40px;"><i>Are the current quality objectives in the Directive obtainable now and/or in the future?</i></p> <p style="padding-left: 40px;"><i>To what degree are they relevant as indicators of uncertainty for Directive applications?</i></p> <p style="padding-left: 40px;"><i>How can these objectives be improved so that they are</i></p>	All Chair: Bruce Denby (ETC/ACM – NILU)

	<p><i>useful, indicative and relevant for the applications in the Directive?</i></p> <p><i>Is a model still 'usable and reportable' even if it does not obtain the Directive QO's?</i></p>	
17:30 – 18:30	FAIRMODE Steering Group Meeting	
19:00	Life music outside the restaurant “Fiskemagasinet” in the Norrköping city centre (inside of the Knäppingsborg shopping centre, Skolgatan 1)	
19:30	Dinner in the restaurant “Fiskemagasinet”	

FAIRMODE 4th Plenary Meeting – draft agenda

Thursday, 16th June 2011

SMHI, Norrköping, Sweden

09:00 - 09:10	Welcome address host	Anna Amrén <i>(Director of SMHI Environment and Safety)</i>
09:10 - 09:20	Welcome by JRC and EEA	Stefano Galmarini (JRC) & Aphrodite Mourelatou (EEA)
09:20 – 09:30	General overview FAIRMODE status quo	Anke Lükewille (EEA) & Stefano Galmarini (JRC)
09:30 – 10:00	WG1 Air Quality Modelling Guidance documents and FAIRMODE website	Anke Lükewille (EEA) & Bruce Denby (ETC/ACM - NILU)
10:00 – 10:30	Expected contribution by FAIRMODE in the air review process - Discussion on position paper to the Stakeholder Group	Joachim D'Eugenio (DG ENV)
10:30 – 10:50	Coffee Break	
10:50 – 11:20	Outcome of WG1 meeting on ‘The role of modelling in the revised AQ Directive’	Anke Lükewille (EEA) & Bruce Denby (ETC/ACM - NILU)
11:20 – 12:20	Outcome of WG2 Subgroups activities	Stefano Galmarini (JRC) & SG leaders
12:20 – 13:30	Lunch Break	
13:30 – 14:00	Progress on the development of local and regional downstream services within PASODOBLE	Thilo Erbertseder (German Aerospace Center – DLR)
14:00 – 14:30	Planning FAIRMODEs contribution to the revision	All, Stefano Galmarini (JRC) & Anke Lükewille (EEA)
14:30 – 15:00	Future plans, work programme, conclusions, next meeting	All, Anke Lükewille (EEA) & Stefano Galmarini (JRC)
15:00	Coffee Break & end of the 3rd Plenary Meeting	

