



Network of reference laboratories and related organisations for
monitoring and bio-monitoring of emerging environmental pollutants

Introduction to parallel sessions

Tuesday, 20 June 2006

Session I: Data sources for emerging pollutants

- **Facilitator:** Jaroslav Slobodnik - Environmental Institute (SK)
- **Rapporteur:** Heather Leslie - Vrije Universiteit Amsterdam (NL)
- **ROOM Meridiana Lago**

List of questions

- Who is going to be the user(s) of the database?
- What do you want to get out of the database?
- How can the data producers be motivated to contribute their data to the databases?
- What should be the minimum QA/QC metadata information (next to the name of the compound and its concentration) in order you would trust the data?

Session II: Prioritisation criteria for emerging pollutants

- **Facilitator:** Nick Cartright - UK Environment Agency (UK)
- **Rapporteur:** Marina Coquery - Ceemagref (FR)
- **ROOM Ortensia**

List of questions

- How do we select the chemicals to prioritise
- What are sufficient criteria and data to prioritise for 1. investigation or 2.action
- What examples illustrate main deficiencies in current approaches
- What are the main data gaps
- How do we deal with uncertainties & data gaps
- How to rank relative priorities
- How should we validate the ranking

Session III: Monitoring tools and analytical methods

- **Facilitator:** Peter Lepom - UBA (GE)
- **Rapporteur:** Georg Hanke - JRC-IES (EC)
- **ROOM Gardenia**

List of questions

HOW TO IDENTIFY NEW EMERGING POLLUTANTS ?

- Can emerging contaminants be detected by chance?
- What is the practical significance of screening methodologies (GC/MS, LC/MS) in identification of EP?
- What is the significance of effect-based measurement techniques in EP identification?
- What are new promising analytical techniques for EP identification?

List of questions

HOW TO MONITOR NEW EMERGING POLLUTANTS?

- Can we really trust published environmental concentrations?
- How to get valid data on emerging pollutants?
- What are mechanisms for the user to verify data quality?
- How can knowledge from expert laboratories be transferred to others ?

Session IV: Models and prediction methods

- **Facilitator:** Willie Peijnenburg - RIVM (NL)
- **Rapporteur:** Michael McLachlan - ITM (SE)
- **ROOM Meridiana Monte**

List of questions

- How can models help identify potential environmental pollutants? Examples?
- When developing analytical methods for emerging pollutants, what questions can models help answer?
- When setting up monitoring programs (or conducting an initial screening) for emerging pollutants, what questions can models help answer?
- How can monitoring data be used to improve models? Examples?
- Fate versus effect models.