

Photooxidants and particles: Addressing hemispheric issues from Europe

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EMEP: Role and contribution in hemispheric studies

- Background issues
- Current observations
- Relation to regional and global networks
- Hemispheric aspects: extension of data basis

EMEP: Background issues

- Monitoring of key species
- Reasonable coverage in Europe
- About 20 years experience
- Strongly linked to policy development
- Strong QA/QC procedures
- Common database
- National commitment to the programme
- Towards integration with the EU regulatory requirements

Towards hemispheric monitoring: Necessary and possible extension of data basis

- Spatial coverage of observations
- Theoretical analyses

Towards hemispheric monitoring: Spatial coverage of observations

- Sondes
- Aircraft
- Remote sensing, ground based
- Remote sensing, satellites

Towards hemispheric monitoring: Theoretical analyses

- Hemispheric and global models
- Data assimilation

Towards hemispheric monitoring: EMEP contributions

- EMEP's network well suited as a regional component
- Wishes to extend focus to the hemispheric scale
- Wants to adapt to this new challenge
- Will contribute to strategic planning
- Open to advice on how to act as a responsible player