



Impacts of air pollution on biodiversity and ecosystem services

WGE report 2013

Aim (draft)

- ❑ Extend knowledge on endpoints and indicators for use in (integrated) assessments in support of effect-based policies under European environmental strategies until 2020, including the Long term strategy of the Convention
- ❑ Review current knowledge



Content (draft)

1. Introduction

Background

Drivers/pressures of change (air pollution, climate, social-economic, policy)

(with input from TFIAM/CIAM?)

2. Identification of species/habitats sensitive to air pollutants, potential impacts on biodiversity, biodiversity indicators, interactions with climate change (most ICPs)

3. Impacts on provisioning services

- food (with input from TFRN?), fibre, water

4. Impacts on regulatory services:

- climate (with input from EMEP?), hazard control: flood/erosion , pest and disease, pollination, pollution, air/soil/water quality
(with input from EMEP?)

Content (draft)

5. Impacts on supporting services:

- soil formation, nutrient cycling (with input from TFRN?), water cycling, primary production

6. Impacts on cultural services:

- aesthetic, cultural heritage/sense of place, education, health, recreation, spiritual/religious, tourism

7. Monetisation/non-monetisation of impacts

- crops, C sequestration, timber production, fish yield, any others?
(in collaboration with NEBEI)

8. Discussion, conclusion and recommendations (research and policy)