



**Project Number 282910**

**ÉCLAIRE**

**Effects of Climate Change on Air Pollution Impacts and Response Strategies  
for European Ecosystems**

**Seventh Framework Programme**

**Theme: Environment**

**D24.5 First report to the GA on networking activities**

Due date of deliverable: 31/03/13

Actual submission date: **31/03/13**

Start Date of Project: **01/10/2011**

Duration: **48 months**

Organisation name of lead contractor for this deliverable :  
**NERC**

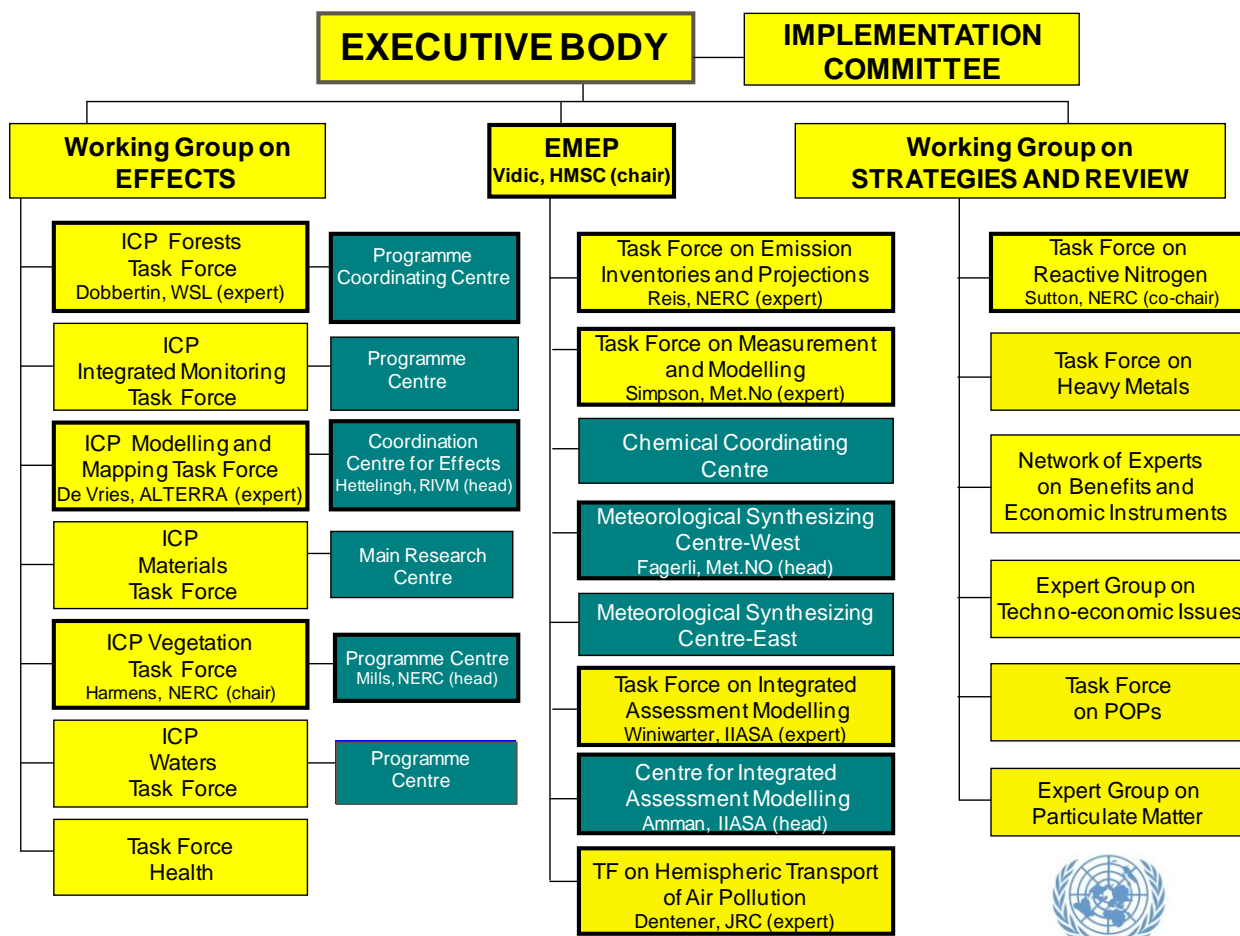
| <b>Project co-funded by the European Commission within the Seventh Framework Programme</b> |                                                                                       |                                     |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------|
| <b>Dissemination Level</b>                                                                 |                                                                                       |                                     |
| <b>PU</b>                                                                                  | Public                                                                                | <input checked="" type="checkbox"/> |
| <b>PP</b>                                                                                  | Restricted to other programme participants (including the Commission Services)        | <input type="checkbox"/>            |
| <b>RE</b>                                                                                  | Restricted to a group specified by the consortium (including the Commission Services) | <input type="checkbox"/>            |
| <b>CO</b>                                                                                  | Confidential, only for members of the consortium (including the Commission Services)  | <input type="checkbox"/>            |

### 1. Executive Summary

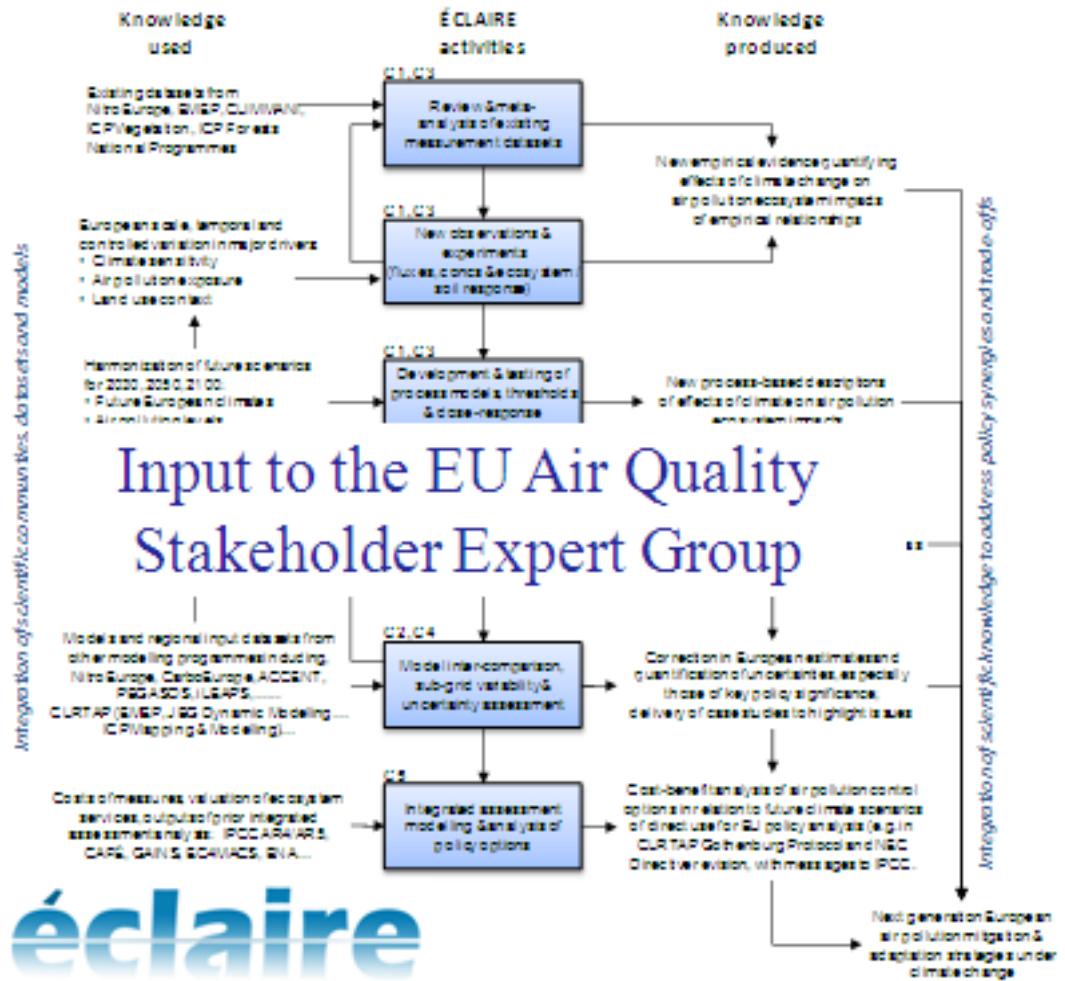
The report was presented to the ECLAIRE General Assembly during the meeting in Edinburgh, October 2012.

## ÉCLAIRE linking communities

- Nitrogen and Ozone communities
- Experimentalists, modellers and economists
- Local, regional and global communities
- E.g. IGBP-iLEAPS, INI, CLRTAP, ICP-Vegn, TFIAM etc etc.



## ÉCLAIRE Delivery Path



## Integrating issues

- What is the net effect of nitrogen oxides emissions, of inputs of nitrogen fertilization effect vs  $O_3$  toxic effects, vs aerosol light scattering effects)
- Are there synergistic effects of  $O_3$  & nitrogen?
- How do dose response relationships differ under climate change?

éclairé