



European Network on New Sensing Technologies for Air Pollution Control and Environmental Sustainability - *EuNetAir*

COST Action TD1105

Research & Innovation Needs Completion

COST Action TD1105 EuNetAir European Environment Agency (EEA), Copenhagen, 3 - 4 October 2013 Kongens Nytorv 6, 1050 Copenhagen, Denmark



Agenzia nazionale per le nuove tecnologie,
l'energia e lo sviluppo economico sostenibile

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General goal of this task

To collect needs in research and innovation and
in strategic foresight
for each partner of the Action EuNetAir on AQC
in order to develop a
first synthetic roadmap for future actions
in the field of AQC
(research, infrastructures, legislation)



Specific goals

- to investigate the best available technology for sensor deployment, communication, power supply and data storage, analysis and display
- to provide to the EU community and institutions a complete overview on the research and innovation needs in AQC in Europe
- to provide the challenges and strategic foresight in AQC in Europe
- to propose a Roadmap for the implementation of infrastructures, legislation, technologies, education on AQC in Europe
- to establish a Pan-European multidisciplinary R&D platform on new sensing paradigm for AQC contributing to sustainable development, green-economy and social welfare;



Thematic area (one for each WG)

- sensor functional materials, nanomaterials and sensing nanostructures
- sensors, devices & systems for AQC
- air quality control/monitoring and environmental measurements/modelling;
- protocols and standardisation methods for environmental sustainability and chemical weather forecasting.

**Each WG Leader is responsible of
collection the contribution in his
AREA ?????????!!!!!!!**



Proposed Outline of the final survey:

- *Introduction*
- *Challenges in AQC*
- *Research Needs in AQC.....*
- *Innovation Needs in AQC.....*
- *Promising Methodology.....*
- *Priorities*
- *Conclusions*



Scheduling of the task!!!

- **4 October 2013** >> **Discussion of the proposal** (methodology, timing, questionnaire) of the Research and Innovation Needs and Strategic Foresight task
- **15 October 2013** >> **Closing the Format of the questionnaire** and sending it to the partner ?meanwhile the working groups leaders?
- **18-20 December 2013** >> **First presentation of the contributions** arrived during Cambridge Workshop
- **25 March 2014** >> **Presentation of the final document** during Brindisi Workshop and approval by MC