

Project Number 282910

ÉCLAIRE

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

Seventh Framework Programme

Theme: Environment

D24.3: Second dissemination and communication plan

Due date of deliverable: **30/09/2014**

Actual submission date: **27/11/2014**

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

Duration: **48 months**

Organisation name of lead contractor for this deliverable :
NERC

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

1. Executive Summary

As part of the work package on networking and dissemination (WP24) it was necessary to develop a 'Dissemination and communication' plan. This is intended as a living document, to be updated as the project progresses, (e.g. D24.3 and 24.4). The latest version (Autumn 2014) is attached here, it covers relevant audiences specifically as reaching them requires specific approaches.

Objectives:

To effectively disseminate project results to a variety of relevant audiences, including policymakers.

2. Activities:

The dissemination and communication plan was updated. It will be posted on the ÉCLAIRE website in due course.

3. Results:

The plan is attached as an annex to this report.

4. Milestones achieved:

There are no milestones associated with this deliverable.

5. Deviations and reasons:

There was a short delay regarding the update of the plan to allow inclusion of information from the reporting process and after the fourth GA meeting.

6. Publications:

N/A

7. Meetings:

N/A

8. List of Documents/Annexes:

‘Dissemination and communication plan: Project ÉCLAIRE’



Dissemination and communication plan: Project ÉCLAIRE

Version: November 2014

Authors: Clare Howard, Mark Sutton

Introduction

As detailed in the description of work, a variety of potential users of ÉCLAIRE research findings can be identified. Therefore, the following report is structured by audience. Training of young scientists can also be considered as part of the dissemination strategy. Further information on the training plan for ÉCLAIRE can be found at http://www.eclaire-fp7.eu/webfm_send/136 (visible to website members only).

Whilst dissemination activities will be held in a variety of settings, this plan, along with reports from activities will be posted on the ÉCLAIRE website <http://www.eclaire-fp7.eu/dissemination>, a list of publications can also be found in the participants portal and will be added to the ÉCLAIRE website. The website will also be used to host a network of contacts and to communicate with the science/policy community.

1.1. The scientific community

Peer Reviewed Literature

Scientists within the ÉCLAIRE project are encouraged to publish their findings in peer reviewed journals, using open access journals wherever possible. It is envisaged that to further encourage publication of results and to highlight the large body of work and interdisciplinary nature of the project, an approach will be made to the open access EGU journals of *Biogeosciences* and *Atmospheric Chemistry and Physics*, to request a special joint ÉCLAIRE issue. The end of the third year of the project is an ideal time to embark upon this as the first results begin to emerge and we plan to take this forward in the next months. This issue will highlight the work of ÉCLAIRE across the community and will be held open for a period of several years, to provide a longstanding opportunity for disseminating the work of ÉCLAIRE.

Scientific Meetings and Workshops

Relevant scientific meetings and workshops are highlighted on the ECLAIRE website as they arise. The ÉCLAIRE project also successfully held an open science conference alongside its fourth General Assembly/Annual Meeting and plans to do the same for the final conference.

ENCORE Database

A key resource compiled within ÉCLAIRE will be the substantial datasets contributed by the flux measurement networks in Component 1 and the manipulation experiments in Component 3. In order to facilitate the usability of these datasets (regulated by the ÉCLAIRE data policy), the project database will be integrated into a larger research database platform named ENCORE, which is currently under development. This will allow the querying and analysis of ÉCLAIRE datasets alongside data from other large scale research projects in a harmonised and accessible manner.

1.2. International bodies and networks

UNECE Convention on Long-Range Transboundary Air Pollution

Relevant results and progress from the ÉCLAIRE project will be reported and discussed by parts of the UNECE Convention on Long-Range Transboundary Air Pollution (LRTAP). The most direct link will be through the Task Force on Reactive Nitrogen which sits under the Working Group on Strategies and Review (WGSR), which is co-chaired by the project Co-ordinator, Professor Mark Sutton. The following opportunities for interaction are planned:

- 33rd Session of the Executive Body (EB) of the LRTAP Convention, 8th-12th December, 2014, (Geneva)
- ICP Vegetation Task Force, 28th meeting (3rd – 5th February 2015), (Rome)
- TFRN-10 – April 2015 (Lisbon)
- Meeting of the Task Force on Integrated Assessment Modelling, 5-8th May, 2014 (Edinburgh)

The items discussed at the TFRN meetings are reported to WGSR through the co-chairs report (and can also be reported to the Executive Body of the Convention when relevant), providing a very close link between the outputs of ÉCLAIRE and air pollution policymakers.

The second annual 'Report for Policymakers' was submitted to the 33rd Session of the Executive Body and in line with this, a report containing 'Key message for stakeholders' of the final Scientific Progress Report for the ÉCLAIRE project will be submitted to the December 2015 meeting of WGSR.

Work from the ÉCLAIRE project is also feeding into several other parts of the LRTAP Convention (also noted above), including:

- The International Cooperative Programme on Effects of Air Pollution on Natural Vegetation and Crops (ICP Vegetation, under the Working Group on Effects (WGE))
- The European Monitoring and Evaluation Programme (EMEP)
- The TF Integrated Assessment Modelling (under EMEP)

COST ES0804: Advancing the integrated monitoring of trace gas exchange between biosphere and atmosphere

Close links exist between the ÉCLAIRE project and this COST action – including several ÉCLAIRE scientists being on the management committee. Two joint meetings have been held between ÉCLAIRE and COST ES0804:

- The first meeting (25th-27th September 2012 in Paris) focussed on the development of a modelling framework of biosphere / atmosphere exchange of a wide range of air pollutants suitable for application from the process to the global scale. It brought together experts from

traditionally separate communities, working on the exchange of ammonia, ozone, nitrogen oxides, volatile organic compounds, acid substances and aerosols.

- A second workshop (25-27 February 2013, also in Paris) discussed the state-of-the-art of flux measurements of ozone and nitrogen oxides and developed a way forward to harmonise instrumental setups, data treatment, analysis and reporting of results. (The report for this meeting was concluded in the current reporting period).

1.3. Policy stakeholders and regulatory bodies

'Key Messages for Policymakers'

An annual report for policymakers is required by the project and has been delivered in years 1, 2 and 3 (see D21.1, 21.2 & 21.3) It is written specifically for policy stakeholders, with a clear emphasis on the policy relevance of results and how they can inform the policy development process. The second version of this report was deemed (by the Stakeholder Advisory Board) to be in a very useful format for policymakers, therefore the third year report retained this format. We will also use it as the basis for the final policymakers report, which is planned to be submitted to the December 2015 meeting of WGSR.

Air Quality Stakeholders Group

The project co-ordinator will continue to make regular contact with and updates to the **EC 'Air Quality Stakeholders Expert Group'**, which in the past has included inputs to the Thematic Review on Air Quality Strategy. The ÉCLAIRE project co-ordinator and members led the delivery of the chapter on nitrogen challenges for the forthcoming report on **'DG Research Outcomes to Inform the Air Quality Review'** prepared in co-operation with the ACCENT+ project.

'Foresight Expert Panel on the Junction of Health Environment and Bioeconomy' of the European Commission.

The project co-ordinator Mark Sutton, was also invited to contribute to a Foresight study of the European Commission on the Junction of Health Environment and Bioeconomy (JHEB). He has already attended the first meeting, contributing a wide perspective on the crosscutting of nitrogen in relation to air pollution and other threats and benefits. This process will be completed during the lifetime of the ECLAIRE project.

Opportunities for stakeholder dialogue

Through the Stakeholder Advisory Body, opportunities for stakeholder dialogue will continue to be fostered. Following on from the activities accompanying the third and fourth general assemblies, we will now be looking forward to potential activities to accompany the final project meeting, where larger and more focussed stakeholder activity will likely be organised.

Two presentations by the ECLAIRE project co-ordinator have already been given to the European parliament, and more may be anticipated as opportunities arise for ongoing dissemination of the ÉCLAIRE results. The co-ordinator will also present the latest results of the work at a 'Stakeholder Dialogue Meeting on Air Quality and Climate Change', to be held in Brussels, December 2014. This meeting is co-organised by the ECLAIRE project and a number of other FP7 projects focussed on air quality and

climate change interactions. This will be a chance to introduce stakeholders to the specific activities of the project and the wider policy context for the work.

1.4. Public engagement

Opportunities for ad-hoc public engagement will be taken up – for example local science communication events and festivals – open days at institutions to inform the public of the science which is conducted in their local area for example. These could use pre-existing science communication materials on the nitrogen cycle and climate change, developed for previous activities and projects – e.g. NitroEurope IP and for the European Nitrogen Assessment - and combine these with information relevant to the work and results of ÉCLAIRE as well as encouraging the development of new materials if suitable. Any activities which occur will be listed on the ÉCLAIRE website dissemination pages.

As the project draws to a close, there will be a greater opportunity to communicate the results of the ÉCLAIRE project and to put them in context for the general public. Planned events to achieve this are the following:

- A press launch detailing the key results of the ÉCLAIRE project – to coincide with the final meeting of the project (October 2015)
- A public summary of the key results, to be posted on the website
- A short video which highlights key messages from the project
- The co-ordination office is also in discussion with 'EuroNews' to contribute to a TV documentary on latest European research on the effects of climate change on air pollutants, which is being organised by EuroNews and the European Commission.

1.5. Training

A training plan has been developed and adopted as part of Deliverable D23.1, see http://www.eclair-fp7.eu/webfm_send/136 (visible to website members only).