

**Project Number 282910**

**ÉCLAIRE**

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

**Seventh Framework Programme**

**Theme: Environment**

**D24.4: Final dissemination and communication plan**

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

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<b>Dissemination Level</b>		
<b>PU</b>	Public	y
<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**

As part of the work package on networking and dissemination (WP24) it was necessary to develop a 'Dissemination and communication' plan. This was a living document, updated as the project progressed (see D24.2 and 24.3). The final version, which is intended to outline the dissemination and communication plan beyond the end of the project, is attached here. It covers relevant audiences specifically as reaching them requires specific approaches.

**Objectives:**

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

**2. Activities:**

The dissemination and communication plan was updated.

**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 were no deviations.

**6. Publications:**

N/A

**7. Meetings:**

N/A

**8. List of Documents/Annexes:**

'Final dissemination and communication plan: Project ÉCLAIRE'



# Final dissemination and communication plan: ÉCLAIRE Project

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## 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. In previous versions of the plan, training of young scientists was considered as part of the dissemination strategy. As we are at the end of the project there are no resources to support this work, so a specific section on these activities is not present. However it is likely that skills gained during the project will be included in future training activities, when this can be supported under other networks.

### 1.1. The scientific community

#### *Peer Reviewed Literature*

Scientists within ÉCLAIRE will continue to be encouraged to publish their findings in peer reviewed journals, using 'Gold' open access journals wherever possible. During the final meeting the component leaders also submitted outline details of the publications planned within their science areas to the CEH project office. This was done to maximise the potential synergies for cross-component and synthesis publications. A joint issue of the open access EGU journals, *Biogeosciences* and *Atmospheric Chemistry and Physics* is in preparation and it is understood that publications which have already been submitted to these journals can then be attached to the special issue retrospectively. The special 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*

Although ÉCLAIRE will not hold any further scientific meetings of its own, scientists will be encouraged (where resources allow), to attend other meetings, to discuss the findings from the ÉCLAIRE project (such as the annual meeting of the EGU and during meeting of the different

technical working groups of the Convention on Long-range Transboundary Air Pollution (see below).

a) Working Group on Strategies and Review (WGSR) where it links with meetings of the Executive Body (EB) and b) the Task Force on Reactive Nitrogen (TFRN)

### *ÉCLAIRE Database and ENCORE data platform*

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 continue to be reported and discussed by as part of the UNECE Convention on Long-Range Transboundary Air Pollution (LRTAP). The most direct link will be through the Task Force on Reactive Nitrogen (TFRN), 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:

- Working Group on Strategies and Review, Fifty-third session (15 - 17 December 2015), Geneva, Switzerland
- Executive Body, Thirty-fourth session (18 December 2015), Geneva, Switzerland
- Joint meeting of the Extended Bureaux of the EMEP Steering Body and the Working Group on Effects (14 - 17 March 2016), Geneva, Switzerland
- 29th ICP Vegetation Task Force Meeting, (29 February – 4 March 2016), Dubna, Russian Federation
- TFRN-11 & Workshop on ‘Joined up approaches to N management’ financed by the European Commission DG Environment – May 2016 (location tbc)
- Eighth Environment for Europe (EfE) Ministerial Conference, Bautumi, Georgia (June)
- Working Group on Strategies and Review, Fifty-fourth session (13 - 16 December 2016) & anticipated ‘Special Segment on Agriculture’, Geneva, Switzerland [*the Special Segment will be specifically organized through TFRN and ÉCLAIRE experts*]

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.

As noted above, it is anticipated that there will be a ‘Special Segment on Agriculture’ associated with the WGSR meeting in December 2016, which will provide an excellent opportunity to disseminate key findings from ECLAIRE to policymakers.

The updated ÉCLAIRE ‘Key message for stakeholders’ report (see below for further information) will also be submitted to these meetings, following on from presentation of an earlier draft of this document to the LRTAP Executive Body (December 2014).

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

- The Working Group on Effects (WGE) including the International Cooperative Programme on Effects of Air Pollution on Natural Vegetation and Crops (ICP Vegetation)
- The European Monitoring and Evaluation Programme (EMEP) Steering Body, and its Task Force on Measurement and Modelling (TFMM)
- The Task Force on Integrated Assessment Modelling (under EMEP)

#### *Organization for Economic Cooperation and Development (OECD)*

The developments of ÉCLAIRE have already been presented in engagement with three groups of the OECD: the Working Party on Environmental Indicators, the Working Party on Climate, Water and Biodiversity and its committee of senior officials, the Environmental Policy Committee (EPOC). Engagement in linking these activities especially with the LRTAP network of national officials will continue after the end of ÉCLAIRE. This will particularly be facilitated through the developing International Nitrogen Management System (INMS) together with UNEP and the International Nitrogen Initiative (INI) – see below.

#### *United Nations Environment Assembly*

The second meeting of the United Nations Environment Assembly will be held on the 23-27th May, 2016. UNEA is the governing body of the United Nations Environment Program (UNEP) and the UNEA meeting is an opportunity for the 193 United Nations Member States, Observer States and other stakeholders to participate in discussions and decision-making on issues that affect the state of the environment and global sustainability. It is anticipated that work from ECLAIRE will a) support the drafting of a nutrient declaration, to be tabled for discussion at the meeting, b) support preparation with countries of an event on developing the 'nitrogen policy arena'.

#### *'UNEP/GEF' project, 'Towards an International Nitrogen Management System'*

The work of ECLAIRE will continue to feed into the ongoing development of a global science-policy support process - an 'International Nitrogen Management System' (INMS). This process is being supported by a project which is in its 'Project Preparation Grant' (PPG) phase: 'Towards an International Nitrogen Management System'. The PPG phase and eventual project is funded by the Global Environment Facility (GEF), implemented by UNEP and executed by the International Nitrogen Initiative (INI). It is planned that this project would run from 2016 to 2019, following on directly from and directly benefiting from ÉCLAIRE.

'Towards INMS' is a global project of the GEF, which provides catalytic support to develop a wide network (6 M USD). In this way, it is planned that 'Towards INMS' will stimulate specific national and regional contributions. **At the moment it still needs to be finalized what will be the European Union contribution to this international endeavour.** Such a contribution would provide the opportunity for Europe to maintain its international science leadership in this area, and to share its experience in policy making related to nitrogen. Further opportunities will be explored with DG Research and DG Environment to guide, finance and exploit these developments.

### **1.3. European and National policy stakeholders and regulatory bodies**

The following give some examples of specific initiatives planned for further dissemination of the ÉCLAIRE outcomes.

### *'Key Messages for Policymakers'*

An annual report for policymakers was delivered for each year of the project (four reports in total). It was 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 final version of the report will contribute to a 'glossy' publication which will aid further dissemination and be submitted to relevant future meetings and bodies, such as the 2016 meeting of WGSR.

### *Air Quality Stakeholders Expert 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. Specifically, the ÉCLAIRE team has offered to present the final results of the project to the Air Stakeholders Expert Group during 2016 in support of the revision process of the National Emissions Ceilings Directive.

### *'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 four meetings linked to this process, contributing a wide perspective on the crosscutting of nitrogen in relation to air pollution and other threats and benefits. This report has now been finalized and will be printed in the next months. Further dissemination opportunities can be expected, resulting from this process.

### *United Kingdom Parliament, Environment Food and Rural Affairs (EFRA) Select Committee*

The ÉCLAIRE co-ordinator Mark Sutton has been invited to provide oral and written evidence to the EFRA Select Hearing on Air Quality at the UK Parliament, together with one of the members of the ÉCLAIRE Science Advisory Board (Prof. Martin Williams). The Select Committee will hear their evidence [9 December 2015 \(2 pm to 5 pm\)](#). It is anticipated that the hearing may be screened on Parliament TV.

### *Launch of the "Nitrogen on the Table" Full Report*

The 'Nitrogen on the Table: The influence of food choices on nitrogen emissions, greenhouse gas emissions and land use in Europe' report (supported by the work of the ECLAIRE project), will be launched in full on 12 January 2016 (3-5 pm) at the European Parliament in Brussels, to which MEPs and press will be invited. Confirmed speakers include: Sirpa Pietikainen MEP (chair of the Parliament Interparty Food Group), Janez Potocnik (Chair of the International Resources Panel of UNEP), Henk Westhoek (lead author of the report) and Mark Sutton.

The event will be supported by CEH and PBL press offices and 1000 copies of the report will be available for distribution and dissemination in 2016.

### *Opportunities for further stakeholder dialogue*

Through the Stakeholder Advisory Body, opportunities for stakeholder dialogue will continue to be fostered beyond the end of the project. This will also be aided by dissemination of the planned 'Key Messages for Policymakers' report, which will be supplied to the Stakeholder Advisory Board in electronic and printed format.

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.

#### **1.4. Public engagement**

Whilst it will not be possible to fund any future public engagement activities through ÉCLAIRE, the outcomes from the project will be fed into any future planned public engagement where possible. This will in particular exploit media (TV, Radio, Press) opportunities developing from key findings, building on the strong experience developed during the life of ÉCLAIRE.

A public summary of the key results will also be developed and posted on the ECLAIRE website.