

ETC/CCA

**European Topic Centre
on Climate Change Impacts,
Vulnerability and Adaptation**

IMPLEMENTATION PLAN 2013

**Version 0.1
(19.12.2012)**



Table of contents

ETC/CCA IMPLEMENTATION PLAN for the year 2013 (IP2013)	4
Table 3: Overview of key deliverables	5
Table 4: Overview of staff available to the ETC/CCA IP2013	7
Project 2.0.1 - Climate change impacts (SEIS)	10
Task 2.0.1.1 - Updated climate change impact indicators.....	10
Project 2.0.2 - Support GMES and <i>ClimateWatch Eye on Earth</i> service	12
Task 2.0.2.2 - Develop Climate information on <i>Eye on Earth</i>	12
Project 2.1.1 - European Climate Adaptation Platform (Climate-ADAPT)	15
Task 2.1.1.1 - Supporting the development and implementation of the European Climate Adaptation Platform (Climate-ADAPT)	15
Project 2.1.2 - Climate change and disaster risk assessments	23
Task 2.1.2.1 - Assessment of vulnerability and adaptation in cities.....	23
Task 2.1.2.2 - EU flood impact database.....	25
Task 2.1.2.3 - Contributions to EEA assessment reports	29
Task 2.1.2.4 - Support to transport and environment assessments.....	34
Task 2.1.2.5 - Eionet workshop and networking	37
Project 6.0.10 - ETC/CCA management and coordination	40
Task 6.0.10.1 - ETC/CCA management and coordination.....	40

ETC/CCA - European Topic Centre on Climate Change Impacts, Vulnerability and Adaptation

The **European Topic Centre on Climate Change impacts, vulnerability and Adaptation (ETC/CCA)** is a consortium of European institutions contracted by the **European Environment Agency (EEA)** to supply thematic expertise and carry out specific tasks identified in the [EEA strategy](#) and specified in the [EEA Annual Management Plans \(AMPs\)](#) in the area of climate change impacts, vulnerability and adaptation across Europe.

The ETC/CCA is an integral part of the **European environment information and observation network (Eionet)**. Eionet is a partnership network of the EEA and its member and cooperating countries. It consists of the EEA itself, six European Topic Centres (ETCs) and a network of experts from 39 member and collaborating countries in many national environment agencies and other bodies dealing with environmental information. These are *the National Focal Points (NFPS)* and the *National Reference Centres (NRCs)*. The Eionet partnership is crucial to the EEA in supporting the collection and organisation of data and the development and dissemination of information. The organisations and individuals in the network are supported by an extensive information technology infrastructure. Through Eionet, the EEA coordinates the delivery of timely, nationally validated, high-quality environmental data from individual countries. This forms the basis of integrated environmental assessments and knowledge that is disseminated and made accessible through the [EEA website](#). This information, combined with other information sources (e.g. from research projects), serves to support environmental management processes, environmental policy making and assessment, and public participation at national, European and global levels.

The work of ETC/CCA follows and contributes also to the cycle of large assessments every 5 years (*European State of the Environment and Outlook Report 2010 - [SOER 2010](#)* being the most recent) while also contributing with more detailed thematic and sectoral assessments in the intermediate years.

In achieving its tasks ETC/CCA will work with the other ETCs, where needed and appropriate, which is explained in more detail for the relevant tasks.

ETC/CCA IMPLEMENTATION PLAN for the year 2013 (IP2013)

The ETC/CCA *Implementation Plan 2013 (IP2013)* was drafted by the ETC/CCA in response to the work specified for 2013 by the EEA in its *Annual Management Plan (AMP 2013)* and provides for ETC/CCA in the year 2013:

- key deliverables (**Table 3**);
- overview of the staff available and involved;
- **detailed description of Tasks' activities and deliverables**, as well as Project managers, Task managers and timing (the numbering of the specific Tasks is linked to the EEA AMP 2013).

Table 3: Overview of key deliverables

Note: in the following text the Key Deliverables are underlined and termed with "**KD**" and the Deliverables only with "**K**".

TASK	ETC/CCA TASK MANAGER	EEA PROJECT MANAGER	KEY DELIVERABLES January - December 2013	KEY DELIVERABLES' DEADLINES
Project 2.0.1 - Climate change impacts (SEIS)				
Task 2.0.1.1	Mikael Hildén (SYKE)	Hans-Martin Füssel	<u>2.0.1.1KD1</u> – CSI012: temperature data	1 April 2013
			<u>2.0.1.1KD3</u> – Required metadata, text and figures for all selected indicators in EEA IMS	October 2013
Project 2.1.1 - European Climate Adaptation Platform (Climate-ADAPT)				
Task 2.1.1.1	Sergio Castellari (CMCC)	Stéphane Isoard and André Jol	<u>2.1.1.1KD2</u> - ETC/CCA working paper reporting all activities undertaken 3) final draft	3) 15 December 2013

Project 2.1.2 - Climate change and disaster risk assessments				
Task 2.1.2.1	Rob Swart (Alterra)	Birgit Georgi	2.1.2.1KD1 - Progress report on update of ETC/SIA TP and further support to production of indicators	On-going activity
Task 2.1.2.3	Andrea Prutsch (EAA)	Stéphane Isoard	2.1.2.3KD2 – <i>Working Paper</i> on assessment of national adaptation policies processes in 32 EEA member countries: 1) 1 st draft (focus on methodological approach) 2) 2 nd draft (focus on assessment) 3) final draft	1) 15 March 2013 2) 15 September 2013 3) 30 November 2013
Project 6.0.10 - ETC/CCA management and coordination				
Task 6.0.10.1	Sergio Castellari (CMCC)	André Jol	6.0.10.1KD4 - First Quarterly Progress Report (QPR1/2013)	20 April 2013
			6.0.10.1KD5 - Second Quarterly Progress Report (QPR2/2013)	20 July 2013
			6.0.10.1KD6 - Third Quarterly Progress Report (QPR3/2013)	20 October 2013
			6.0.10.1KD7 - Final progress report (QPR4/2013)	20 January 2014

Table 4: Overview of staff available to the ETC/CCA IP2013**Notes**

1. Names are listed in alphabetical order per first name.
2. The first name in bold for each Partner Institution refers to the ETC/CCA responsible person for that Partner Institution.
3. **KE** = Key Expert; **E** = Expert.

Institution	Acronym	Experts
Centro Euro-Mediterraneo per i Cambiamenti Climatici	CMCC	Sergio Castellari (KE) Andrea Russo (E) Carlo Giupponi (KE) Donatella Spano (KE) Fabio Eboli (KE) Fabio Farinosi (E) Francesco Bosello (KE) Jaroslav Mysiak (KE) Lorella Reda (KE) Serena Marras (E) Silvia Medri (KE) Valentina Giannini (E) Valentina Mereu (E)
Alterra, institute within the legal entity Stichting Dienst Landbouwkundig Onderzoek	Alterra	Rob Swart (KE) Jos Timmerman (E) Peter Verweji (E) Saskia Werners (KE) Willemien Geertsema (KE)
Aarhus University - National Environmental Research Institute	AU-NERI	Hans Sanderson (KE) Grethe Elholm (E) Torben Sigsgaard (KE)

Umweltbundesamt GmbH	EAA	Sabine McCallum (KE) Andrea Prutsch (KE) Markus Leitner (E) Martin König (E)
Charles University Environment Centre	CUNI	Miroslav Havranek (KE) Milan Scasny (KE)
Fundação da Faculdade de Ciências da Universidade de Lisboa	FFCUL	Maria João Cruz (KE) Ana Gomes (E) Andreia Sousa (E) Tiago Capela Lourenço (E)
Met Office Hadley Centre	MO	Paul van der Linden (KE) Claire Bartholomew (E) Deborah Hemming (KE) Erika Palin (E) Fiona Carroll (KE) Jason Lowe (KE) Ken Mylne (E) Michael Saunby (E) Rob Allan (KE)
Finnish Environment Institute	SYKE	Mikael Hildén (KE) Esko Kuusisto (E) Kirsi Mäkinen (E) Lasse Peltonen (E) Mikko Huokuna (E) Stefan Fronzek (E)
Thetis SpA	Thetis	Emiliano Ramieri (KE)

Helmholtz-Zentrum für Umweltforschung GmbH	UFZ	Andreas Marx (KE) Christian Kuhlicke (E) Greta Jäckel (E) Jochen Luther (E) Silke Beck (E)
Environmental Change Institute - University of Oxford	UKCIP	Roger B. Street (KE) Clare Downing (E) Kay Jenkinson (E) One expert (TBD) Stephanie Ferguson (E)
University of Manchester	UoM	Aleksandra Kazmierczak (KE)
Universidad Politécnica de Madrid	UPM	Ana Iglesias (KE) Ángel Aparicio (KE) Natalia Sobrino (E)
Zentralanstalt fuer Meteorologie Und Geodynamik	ZAMG	Elisabeth Koch (KE) Helfried Scheifinger (E) Markus Ungersbock (E)

Project 2.0.1 - Climate change impacts (SEIS)

Task 2.0.1.1 - Updated climate change impact indicators

ETC/CCA 2.0.1 Project manager: Mikael Hildén (SYKE)

ETC/CCA 2.0.1 Project deputy manager: Andreas Marx (UFZ)

ETC/CCA 2.0.1.1 Task manager: Mikael Hildén (SYKE)

EEA 2.0.1.1 Project manager: Hans-Martin Füssel

Team: Paul van der Linden (MO), Deborah Hemming (MO), Jason Lowe (MO), Andreas Marx (UFZ), Greta Jäckel (UFZ), Stefan Fronzek (SYKE), Esko Kuusisto (SYKE), Mikael Hildén (SYKE)

EEA objectives

- To update key indicators on climate change and its impacts, observed and projected, using results from major international, EU and national research programmes in the EEA *Indicator Management System (IMS)* and promote dissemination;
- ensure consistency of EEA indicators with information presented in the WG I contribution to the IPCC Fifth Assessment (to be published in September 2013).

Background

EEA prepared a **report on climate change, impacts, and vulnerability** published by the end of 2012. The report included indicators on observed trends and/or projections of climate change (atmosphere, cryosphere) and on impacts of climate change on marine environment, coastal zones, inland waters, terrestrial ecosystems, soil, agriculture, forests, human health, energy, transport, tourism, and losses from natural disasters.

In 2013 an update of a selected number of indicators on climate change impacts and vulnerability will be done, to be included in the EEA IMS. The focus is only on those climate and cryosphere indicators where information from the IPCC AR5 WG1 contribution is relevant. This work will be carried out after the IPCC AR5 WG1 work is available (autumn 2013). This task also includes a sub-task of updating the EEA core indicator on global and European temperature.

Detailed description of activities

- CSI012 observed and projected temperature data will be delivered to EEA by 1 April 2013 and the corresponding text will be updated for the EEA Website (to be published in May/June);
- required metadata, text and figures for all selected climate and cryosphere indicators that need updating will be checked and updated in the IMS by October 2013.

Expected outputs/deliverables to EEA and time schedule

Product	Time schedule ¹	Task manager		Team
2.0.1.1KD1 – CSI012: temperature data	1 April 2013	Mikael (SYKE)	Hildén	Paul van der Linden (MO), Debbie Hemming (MO)
2.0.1.1D2 – Finalising of indicator evaluation TP	April 2013	Mikael (SYKE)	Hildén	Mikael Hildén (SYKE), Andreas Marx (UFZ)
2.0.1.1KD3 – Required metadata, text and figures for all selected indicators in EEA IMS	October 2013	Mikael (SYKE)	Hildén	Jason Lowe (MO), Stefan Fronzek (SYKE), Andreas Marx (UFZ), Greta Jäckel (UFZ), Esko Kuusisto (SYKE), Mikael Hildén (SYKE)

Linkages with other tasks of the ETC/CCA Implementation plan 2013

Tasks 2.1.1.1; 2.0.2.1.

Potential linkages with other ETCs

ETC/ACM; ETC/SIA; ETC/ICM; ETC/BD.

¹ Please note that there could be some readjustments in the exact dates of the deadlines for the deliverables of Task 2.0.1.1 in cooperation and agreement with EEA.

Project 2.0.2 - Support GMES and *ClimateWatch Eye on Earth* service

Task 2.0.2.2 - Develop Climate information on *Eye on Earth*

ETC/CCA 2.0.2 Project manager: Paul van der Linden (MO)

ETC/CCA 2.0.2 Project deputy manager: Paul van der Linden (MO)

ETC/CCA 2.0.2.2 Task manager: Elisabeth Koch (ZAMG)

EEA 2.0.2.2 Project manager: Blaz Kurnik

Team: Rob Allan (MO), Paul van der Linden (MO), Michael Saunby (MO), Claire Bartholomew (MO), Fiona Carroll (MO), Elisabeth Koch (ZAMG), Helfried Scheifinger (ZAMG), Markus Ungersbock (ZAMG)

EEA objectives

- Implementation of a pilot Climate information on the Eye on Earth and Climate-ADAPT.

Background

Together with Microsoft and Esri, EEA is developing a range of cloud applications and services. **Eye on Earth (EoE)** is a key EEA platform within the overall SEIS framework to deliver mobile, user-friendly, two-way sharing of environmental information with key stakeholders, the general public and the scientific community. In addition EEA has together with European Commission implemented European Climate Adaptation Platform (**Climate-ADAPT**) which aims to support Europe in adapting to climate change. Both Eye on Earth and Climate-ADAPT platforms are currently unlinked and serve as a separate platforms for sharing spatial data about climate and expected climate changes in Europe.

In 2011, a feasibility study has been prepared, and several climate-related products on EoE were proposed (including on: droughts, heat waves and phenology). The feasibility study, with concrete suggestions, is available on the ETC/CCA Eionet Forum². In 2012³, a follow-up working paper was

² Development of a pilot climate information service on Eye on Earth - Feasibility study: <http://forum.eionet.europa.eu/etc-cca-consortium/library/project-2.0.2-support-gmes-and-climatewatch-eye-earth-service/task-2.0.2.2-develop-climatewatch-service-eye-earth/climate-information-eoe-feasibility-study>.

drafted, describing selected climate datasets (drought, heat waves and phenology) in details and proposing solutions to implement pilot climate data on the Eye on Earth and presenting potential links with Climate-ADAPT.

Detailed description of activities

In 2013, ETC/CCA will continue to assist EEA in implementing **Climate information on Eye on Earth and the Climate-ADAPT map viewer**. As suggested in the 2012 working paper, droughts, heat waves and phenology are important climate indicators relevant for both the general public and policy makers.

In addition strong linkages are needed with the Task 2.1.1.1 on Climate-ADAPT, to ensure that climate observation, reanalyses and projection information shown in the Eye on Earth are linked with Climate-ADAPT. The ETC/CCA activities are as follows:

- work with EEA (ACC3, EoE group and EEA IT experts) to continue implementing the selected Climate information onto the Eye on Earth platform; this will include development of solutions and automated processes for serving data, in the form of selected indicators, from different providers;
- work with Task 2.1.1.1 (Climate-ADAPT) to decide which climate observations, reanalyses and projections information will be included visualised through the Climate-ADAPT;
- processes for transposing climate observations, reanalyses and projections products onto EoE;
- consider the development of citizen science input⁴ and feedback mechanisms in the first instance focusing on phenology (ZAMG) with:
 - establishment of the data flow;
 - visualisation of selected datasets on the EoE platform;

³ Working paper: Climate information/indicators on EoE pilot, its functionalities, data flow and citizen involvement (incl phenology) <http://forum.eionet.europa.eu/etc-cca-consortium/library/project-2.0.2-support-gmes-and-climatewatch-eye-earth-service/task-2.0.2.2-develop-climatewatch-service-eye-earth/index.html>

⁴ Citizen science aspect to be decided after the internal meeting with EoE.

- work with ETC/BD and EEA to select suitable phenology indicators in appropriate formats for EoE.

Expected outputs/deliverables to EEA and time schedule

Product	Time schedule	Task manager	Team
<p>2.0.2.2D1 -</p> <p>a) implementing Climate information on Eye on Earth (development of solutions and automated processes for serving data, in the form of selected indicators, from different providers)</p> <p>b) processes for transposing climate observations, reanalyses and projections products onto EoE</p>	On-going task	Elisabeth Koch (ZAMG)	Rob Allan (MO), Paul van der Linden (MO), Michael Saunby (MO), Claire Bartholomew (MO) and IT experts (EEA)
<p>2.0.2.2D2 – linkage to Climate-ADAPT to ensure that climate observations, reanalyses and projections information shown on the Eye on Earth are linked with Climate-ADAPT</p>	On-going task	Elisabeth Koch (ZAMG)	Paul van der Linden (MO), Fiona Carroll (MO), Rob Allan (MO)
<p>2.0.2.2D3 – development of citizen science input and feedback mechanisms (on phenology so far)</p>	On-going task	Elisabeth Koch (ZAMG)	Elisabeth Koch (ZAMG), Paul van der Linden (MO), Helfried Scheifinger (ZAMG), Markus Ungersbock (ZAMG)

Linkages with other Tasks of the ETC/CCA Implementation Plan 2013

Task 2.1.1.1

Potential linkages with other ETCs

ETC/BD

Project 2.1.1 - European Climate Adaptation Platform (Climate-ADAPT)

Task 2.1.1.1 - Supporting the development and implementation of the European Climate Adaptation Platform (Climate-ADAPT)

ETC/CCA 2.1.1 Project manager: Sergio Castellari (CMCC)

ETC/CCA 2.1.1 Project deputy manager: Tiago Capela Lourenço / Ana Gomes⁵ (FFCUL)

ETC/CCA 2.1.1.1 Task manager: Silvia Medri (CMCC)

Team: Sergio Castellari (CMCC), Silvia Medri (CMCC), Tiago Capela Lourenço (FFCUL), Ana Gomes (FFCUL), Fabio Eboli (CMCC), general and thematic experts (see “*Team of General and Thematic Experts for Climate-ADAPT*” relevant tables)

EEA 2.1.1.1 Project manager: Stéphane Isoard and André Jol

EEA objectives

- Maintenance and development of the European **Climate Adaptation Platform (Climate-ADAPT)**.

Background

The European **Climate Adaptation Platform (Climate-ADAPT)** is hosted by the EEA since its launch in March 2012. The EEA maintains it and needs support from the ETC/CCA in connection with the content of the platform and submissions of new information that need to be quality checked. The draft ***Climate-ADAPT Work Plan 2012-2013*** sketches the governance for hosting and maintaining CLIMATE Climate-ADAPT between the European Commission (EC) and the EEA and the EC steering/working groups. Climate-ADAPT will constitute a key element supporting the *EU 2013 Strategy on Climate Change Adaptation*. The EC (DG CLIMA) has a number of on-going service contracts that will need to be fully considered for uploading relevant information on Climate-ADAPT (e.g. cities, Common Agricultural Policy (CAP) and cohesion policies). In addition, the EC (DG CLIMA) has recently launched two service contracts supporting the IT development and the

⁵ Tiago Capela (Jan - June 2013) then Ana Gomes (July - Dec. 2013)

dissemination of Climate-ADAPT, and ETC/CCA work needs to be complementary to these activities.

Detailed description of activities

Keeping information up-to-date is a key objective of this Task. A network of experts has been organised in 2012 and will continue to perform regular content Quality Assurance/Quality Control (QA/QC) tasks to maintain the platform and review submitted information to Climate-ADAPT. There is a need to have a coordinator of this network within the ETC.

1. Hosting and IT

- Advice to the EEA in **further IT developments and/or additions to Climate-ADAPT**, and specifically in connection with the new EC (DG CLIMA) IT service contract.

2. Content QA/QC

- QA/QC - Perform QA/QC tasks of Climate-ADAPT content through a team of thematic experts (see below) by including new, relevant, up-to-date and quality checked and ensured information. This applies to both database and web text, and coordination and organisation will learn from 2012 experiences. The ETC will be given enhanced responsibilities for quality control and approval of new or revised content.
- Tools improvement - Work with selected EU research projects (e.g. MEDIATION, CLIMSAVE) to extract from these specific tools that are relevant for Climate-ADAPT and discuss and agree how these can be implemented. Link the guidance on NAS being developed by the DG CLIMA contractor to the Climate-ADAPT adaptation support tool and help to revise the AST where needed. Explore the possibility to have dedicated tools for the various shareholders of Climate-ADAPT.
- Case studies enhancement – Improve (review and add) and harmonize case studies coverage across all the relevant sectors using the criteria for case studies developed in 2012; develop the 2012 working paper on case studies further (where needed) and work specifically with selected key Interreg projects (e.g. SIC-ADAPT, C3Alps etc) and Life+ projects to extract from these new case studies for Climate-ADAPT. Similarly also work with the contractors of the DG CLIMA EU Cities Adapt project and other urban adaptation

experts to include city case studies in Climate-ADAPT (link to Task 2.1.2.1).

- [Link to task 2.1.2.1](#) - Relevant tools and urban vulnerability indicators together with EoE maps on urban vulnerability will be integrated in Climate-ADAPT.

3. User engagement, dissemination and support to the EU 2013 Strategy development

- Support the EEA in disseminating **Climate-ADAPT**, and specifically in connection with the new EC (DG CLIMA) dissemination service contract.
- Maintain the “news/events” section on Climate-ADAPT and implement the (bi-)monthly newsletter (developed in 2012), and support EEA in setting up and maintaining a list of receivers of the newsletter.

In addition, all experts involved in this Task, will provide update on specific news and events to UKCIP experts in charge of the “News/events” on “Adaptation Information” in Climate-ADAPT.

In order to carry out the above activities, ETC/CCA includes an overall thematic coordinator and a team of thematic experts and other general experts, with the following roles:

- **overall thematic coordinator**: in close collaboration and consultation with the EEA, coordinating the QA/QC of the content, supporting EEA in liaising with relevant EU research and other projects (DG CLIMA, DG ENV, Interreg, Life+) and supporting EEA in dissemination activities⁶;
- **general experts**:
 - CMCC: advising on IT aspects (the EEA as well as ETC/CCA experts) and liaise with the follow-up software project funded by DG CLIMA, in close collaboration with EEA IT experts;

⁶ In particular the overall thematic coordinator will:

- evaluate and provide feedback on all proposed new database items (from all thematic experts and/or other providers);
- ensure consistency in the filling out of the database items (e.g. request thematic expert and/or other providers to fill out further details and/or change information);
- remove obsolete and/or non-relevant existing database items (after advice from thematic experts);
- participate in and contribute to relevant meetings between DG CLIMA, EEA and the Climate-ADAPT software developer and between EEA and relevant FP7 research projects and Interreg projects (about max 5 meetings);

The above will imply that would get a role in the database system to allow approval of database items (so far only few EEA staff have this role).

- UKCIP and EAA: advising on the Adaptation Support Tool (AST) and other tools and supportive information, as well as ensuring consistency of all contents across Climate-ADAPT;
- ***thematic experts***: collecting, elaborating, reviewing and updating the thematic contents of some sectors and sections of the platform (see the table below for details).

Expected outputs/deliverables to EEA and time schedule

Product	Time schedule	Task manager	Team
<p>2.1.1.1D1 - Maintenance of Climate-ADAPT by including new relevant, up-to-date and quality checked and ensured information, according to the activities listed above and in line with the <i>Climate-ADAPT Implementation Plan 2012-2013</i> (prepared by EEA in collaboration with DG CLIMA)</p>	On-going activity	Silvia Medri (CMCC)	Sergio Castellari (CMCC), Silvia Medri (CMCC), Fabio Eboli (CMCC), Tiago Capela Lourenço / Ana Gomes (FFCUL), general and thematic experts
<p>2.1.1.1KD2 - <i>ETC/CCA working paper</i> reporting all activities undertaken</p> <p>1) 1st draft</p> <p>2) 2nd draft</p> <p>3) final draft (key deliverable)</p>	<p>1) 15 May 2013</p> <p>2) 15 October 2013</p> <p>3) 15 December 2013</p>	Silvia Medri (CMCC)	Sergio Castellari (CMCC), Silvia Medri (CMCC), Fabio Eboli (CMCC), Tiago Capela Lourenço / Ana Gomes (FFCUL), general and thematic experts

<p>2.1.1.1D3 - further development of the 2012 <i>ETC/CCA working paper</i> on case studies</p> <p>1) 1st draft 2) final draft</p>	<p>1) 15 April 2013 2) 15 May 2013</p>	<p>Silvia Medri (CMCC)</p>	<p>Carlo Giupponi (CMCC), Fabio Eboli (CMCC), Aleksandra Kazmierczak (UoM), Emiliano Ramieri (Thetis), Hans Sanderson (AU-NERI), Maria Cruz (FFCUL), Rob Swart (Alterra), Roger B. Street (UKCIP), Saskia Werners (Alterra), Stefan Fronzek (SYKE)</p>
<p>2.1.1.1D4 - Support and participation to related meetings</p>	<p>On-going activity</p>	<p>Silvia Medri</p>	<p>Sergio Castellari (CMCC), Silvia Medri (CMCC), Fabio Eboli (CMCC), Tiago Capela Lourenço / Ana Gomes (FFCUL); general and thematic experts, if needed</p>

Team of General and Thematic Experts for Climate-ADAPT

ETC/CCA General Experts for Climate-ADAPT	
FIELDS	EXPERTS
IT advice	Andrea Russo (CMCC)
Adaptation support tool and cross-cutting advice	One expert (UKCIP) Andrea Prutsch (EAA) Sabine Mc Callum (EAA) Peter Verweji (Alterra)
Support work on Case studies	Hans Sanderson (AU-NERI) Roger B. Street (UKCIP) Saskia Werners (Alterra)

ETC/CCA Thematic Experts for Climate-ADAPT	
THEMES	EXPERTS
Overall Thematic Coordinator	Fabio Eboli (CMCC)
Adaptation Information	
News/events	Kay Jenkinson (UKCIP) Stephanie Ferguson (UKCIP)
Observations and scenarios	Stefan Fronzek (SYKE) Fiona Carroll (MO)
Vulnerability and risks (including tools and map viewer)	Carlo Giupponi (CMCC) Valentina Giannini (CMCC)

Adaptation measures	Francesco Bosello (CMCC) Andrea Prutsch (EAA) Kirsi Mäkinen (SYKE)
National adaptation plans and strategies	Mikael Hildén (SYKE) Kirsi Mäkinen (SYKE)
Cities information (including DG CLIMA project results)	Aleksandra Kazmierczak (UoM) Rob Swart (Alterra)
<i>EU sector policies</i>	
Agriculture and Forestry	Donatella Spano (CMCC) Valentina Mereu (CMCC) Serena Marras (CMCC)
Biodiversity	Willemien Geertsema (Alterra) Maria João Cruz (FFCUL)
Coastal areas	Emiliano Ramieri (Thetis)
Disaster risk reduction	Jaroslav Mysiak (CMCC) Fabio Farinosi (CMCC)
Financial	Francesco Bosello (CMCC) Milan Scasny (CUNI)
Health	Torben Sigsgaard (AU-NERI) Grethe Elholm (AU-NERI)
Infrastructure	Rob Swart (Alterra)
Marine and fisheries	Support provided by ETC/ICM

Water management	Carlo Giupponi (CMCC) Valentina Giannini (CMCC) Jos Timmerman (Alterra)
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Linkages with other tasks of the ETC/CCA Implementation Plan 2013

Tasks: 2.0.1.1; 2.0.2.1; 2.1.2.1.

Potential linkages with other ETCs

ETC/ICM; ETC/ACM; ETC/BD.

Project 2.1.2 - Climate change and disaster risk assessments

Task 2.1.2.1 - Assessment of vulnerability and adaptation in cities

ETC/CCA 2.1.2 Project manager: Mikael Hildén (SYKE)

ETC/CCA 2.1.2 Project deputy manager: Sergio Castellari (CMCC)

ETC/CCA 2.1.2.1 Task manager: Rob Swart (Alterra)

EEA 2.1.2.1 Project manager: Birgit Georgi

Team: Rob Swart (Alterra), Miroslav Havranek (CUNI), Lasse Peltonen (SYKE), Christian Kuhlicke (UFZ), Aleksandra Kazmierczak / another expert (UoM)⁷

EEA objectives

- Promote the 2013 adaptation report and technical report on urban vulnerability indicators and further develop these in a dialogue with the relevant stakeholders.

Background

Urban adaptation to climate change gains importance. On the one hand, cities and towns are the place where the majority of Europeans lives and, on the other hand, physical implementation of adaptation measures needs to be done at the local level but supported by national and European governments. This constellation results in a huge variety of involved stakeholders and networking with Commission services like DG CLIMA, DG REGIO, DG ENV, CoR, with national governments, city networks such as ICLEI, EUROCITIES, CEMR, and with researchers.

In order to facilitate effective urban adaptation across the EU, the right and easy accessible information and knowledge is fundamental. In 2012, the EEA report 'Urban adaptation to climate change in Europe' was published and urban vulnerability indicators for the European developed. This information needs to be followed up and used together with further urban related information and tools, such as the 'EU Cities Adapt' project of DG CLIMA and case studies, to develop a content rich, highly usable and interactive platform for urban adaptation as part of Climate-ADAPT (Task 2.1.1.1).

⁷ Another expert from UoM will replace Aleksandra Kazmierczak after her leave.

Detailed description of activities

- ETC/CCA will contribute to the finalisation of the work on urban vulnerability indicators, performed by ETC/SIA. In 2013 this *technical paper* (TP) produced in 2012 will be updated, including further relevant data and information;
- ETC/CCA will support EEA in the preparation and organisation of the European segment of the Resilient cities conference (31 May - 2 June 2013).

Expected outputs/deliverables to EEA and time schedule

Product	Time schedule	Task manager	Team
2.1.2.1KD1 - Progress report on update of ETC/SIA TP and further support to production of indicators	On-going activity	Rob Swart (Alterra)	Rob Swart (Alterra), Miroslav Havranek (CUNI), Lasse Peltonen (SYKE), Christian Kuhlicke (UFZ), Aleksandra Kazmierczak / another expert (UoM)
2.1.2.1D2 - Support EEA in preparation/organisation of European segment of the Resilient Cities Conference	30 May - 2 June 2013	Rob Swart (Alterra)	Another expert (UoM)

Linkages with other tasks of the ETC/CCA Implementation Plan 2013

Task 2.1.1.1

Potential linkages with other ETCs

ETC/SIA (on urban indicators)

Task 2.1.2.2 - EU flood impact database

ETC/CCA 2.1.2 Project manager: Mikael Hildén (SYKE)

ETC/CCA 2.1.2 Project deputy manager: Sergio Castellari (CMCC)

ETC/CCA 2.1.2.2 Task manager: Jaroslav Mysiak (CMCC)

EEA 2.1.2.2 Project manager: André Jol and Wouter Vanneuville

Team: Jaroslav Mysiak (CMCC), Fabio Farinosi (CMCC), Jochen Luther (UFZ), Mikko Huokuna (SYKE)⁸

EEA objectives

- Follow-up of the work on a possible European Flood Impacts Database and prepare its piloting.

Background

EEA and JRC are exploring the possibilities to develop a **flood impact database** at the EU level, using data from various sources (international disaster databases such as [EM-DAT](#)), remote sensing data (GMES GIO Land and/or Emergency response) and national databases. In 2012 the reporting of the PFRA under the Floods Directive became available.

EEA and JRC supported by ETC/CCA and ETC/SIA prepared a working paper on the proposed EU flood impact database including an overview on available national data on flood impacts and links to potential EU data sources and an outline of the suggested approach. The paper was further developed by ETC/CCA in 2011. By the end of 2011 countries started to report their preliminary flood risk assessments to the European Commission as well as maps and data on past floods (events from the end of 2011 onwards). In 2011 the GMES emergency response initial operational service was developed. In 2012 the working paper on a possible flood impact database at EU level was finalised.

In 2013 further work will be done by EEA/JRC, supported by ETC/CCA (and ETC/SIA), on exploring the need and scope, possible content and design of a European flood impact database (second

⁸ with a focus on commenting and contributing to the contents of the possible database.

working paper + development of specifications for piloting). It will take into account developments of the reporting by countries under the Floods Directive. A second expert meeting will be organised bringing together topic experts with representatives of MS (participants of the WG Floods) involved in the pilot process.

Detailed description of activities

ETC/CCA will coordinate this task together with the related task by ETC/ICM (Thomas Kjeldsen, CEH) on past floods.

ETC/CCA, in collaboration with ETC/SIA, will contribute to the EEA work by:

- **Technical paper** - Based on the available material in the working paper finalised in 2012, a technical paper will be prepared exploring the minimum necessary information for future past floods and compare with the available information. This document also contains an assessment about potential thresholds, based on hazard and impact and their consequences (what to include/what not to include on EU level) based on the data available.

The ETC/CCA team will include in this document an analysis of information provided by the MS (questionnaires and PFRA). The aim is to make suggestions about possible levels of detail for a European database and their consequences (low threshold: many data, possible added value for MS lower than additional effort?; high threshold: little information, same weaknesses as world-wide database?) and confront these suggestions with the information already reported and a minimum desirable level of information for future floods.

- **Pilot exercise for Map Viewer** based on WISE specifications and for a selected number of countries.

The ETC/CCA team will help producing the WISE specifications for a pilot Map Viewer, linked to the existing water quantity pages. This has to be based on the needs expressed in subtask A and checked with experts and member states (see subtask C). The ETC/CCA team will provide contributions/comments to documents being prepared by the consultants working on WISE and work together with them.

- **Support the EEA in the organisation of a workshop** bringing together experts and member

states representatives when the subtask A and B are most beneficial of external input - The ETC/CCA team will help organising an expert workshop to confront the developed ideas in subtasks B and C with a wider audience. After the workshop a workshop report is made and the products of subtasks B and C are refined accordingly.

- **Bringing together existing information in a meta-guidance on flood impacts in Europe** - The ETC/CCA team will help producing a meta-guidance on flood impact information in Europe and propose a light and easily maintainable format. Starting from the European projects the meta-guidance must be able to show good practices (from research projects and from MS). With a meta-guidance, a living document is meant with links to recent research outcomes on flood impacts in Europe that are relevant for the science policy interface. The ETC/CCA will start this exercise by pre-filling relevant information they have, later on information can be added by others as well.

Expected outputs/deliverables to EEA and time schedule

Product	Time schedule	Task manager	Team
<p>2.1.2.2D1 – Technical paper exploring the minimum necessary information for future past floods and assessment on potential thresholds:</p> <p>1) 1st draft</p> <p>2) final draft</p> <p>(Remark: consult with ETC/ICM on similar task)</p>	<p>1) 31 May 2013</p> <p>2) 15 September 2013</p>	Jaroslav Mysiak (CMCC)	Jaroslav Mysiak (CMCC), Fabio Farinosi (CMCC), Jochen Luther (UFZ), Mikko Huokuna (SYKE)
<p>2.1.2.2D2 Pilot exercise map viewer and specifications</p>	<p>31 October 2013</p> <p>(Remark: main work done before workshop of D3)</p>	Jaroslav Mysiak (CMCC)	Jaroslav Mysiak (CMCC), Fabio Farinosi (CMCC), Jochen Luther (UFZ), Mikko Huokuna (SYKE)

2.1.2.2D3 expert workshop support	TBD (end of Q3, beginning of Q4)	Jaroslav Mysiak (CMCC)	Jaroslav Mysiak (CMCC), Fabio Farinosi (CMCC), Jochen Luther (UFZ), Mikko Huokuna (SYKE)
2.1.2.2D4 living document with links on recent research and SPI information on flood risk impact: 1) 1 st draft 2) final draft	1) 30 June 2013 2) 31 October 2013	Jaroslav Mysiak (CMCC)	Jaroslav Mysiak (CMCC), Fabio Farinosi (CMCC), Jochen Luther (UFZ), Mikko Huokuna (SYKE)

Linkages with other tasks of the ETC/CCA Implementation Plan 2013

Tasks: 2.1.1.1; 2.1.2.3.

Potential linkages with other ETCs

ETC/ICM and ETC/SIA - ETC/ICM and especially its Task 1.4.2b on past floods where close cooperation with ETC/CCA is indicated. Whereas the focus of the task sheet for ETC/CCA is mostly on trends (climate) and the link with disaster risk reduction, ETC/ICM will look in more detail at environmental impacts of floods and details for different economic activities (also in relation with other water legislation like UWWTD, NiD).

(Remark: Link with ETC/SIA? Questionnaire will not be resend in 2013. Necessity to be decided in consultation with ETC/CCA and EEA)

Task 2.1.2.3 - Contributions to EEA assessment reports

ETC/CCA 2.1.2 Project manager: Mikael Hildén (SYKE)

ETC/CCA 2.1.2 Project deputy manager: Sergio Castellari (CMCC)

ETC/CCA 2.1.2.3 Task manager: Andrea Prutsch (EAA)

EEA 2.1.2.3 Project manager: Stéphane Isoard

Team: Andrea Prutsch (EAA), Markus Leitner (EAA), Martin König (EAA), Sabine McCallum (EAA), Mikael Hildén (SYKE), Kirsi Mäkinen (SYKE), Silke Beck (UFZ), Sergio Castellari (CMCC), Rob Swart (Alterra), Tiago Capela Lourenço (FFCUL), Miroslav Havranek (CUNI), Roger B. Street (UKCIP), Clare Downing (UKCIP), Emiliano Ramieri (Thetis), Ana Iglesias (UPM)

EEA objectives

- To scope an assessment of national adaptation policy processes. To document the methodological approach and provide a 1st draft of the analysis;
- to support the dissemination of EEA Adaptation in Europe report (to be published in early 2013).

Background

There is a need to better understand, analyse and compare national adaptation policy processes (e.g. strategies, legislative initiatives, plans, impacts-vulnerability-adaptation assessment programs, monitoring and evaluation initiatives, on-going activities) in Europe. There have been several initiatives in recent years, among which the most notable one is the PEER reports of 2009, and there are also forthcoming studies on comparing different policy approaches taken across Europe (e.g. OECD analysis based on 2012 country questionnaires, country analysis in the forthcoming EEA Adaptation Report and an analysis undertaken under the DG CLIMA support project for developing the EU Adaptation Strategy). These studies developed different frameworks and reflected the process and outcome of adaptation policy approaches against certain (assessment) criteria. However there is a need for undertaking an in-depth and EU wide analysis of direct relevance for policy and decisions makers working at EU, national (and to a lesser extent sub-national) levels.

This Task will therefore first dedicate attention to the methodological assessment approach as there is a huge body of policy and analytical documents and information sources now available in Europe (as demonstrated by Climate-ADAPT). The assessment methodology aims to reflect the information and analytical needs of policy makers, which have to be understood to a larger extent.

In addition, the objective of this task is to gain a deeper understanding of the current state of the adaptation policy process amongst the 32 EEA member countries, the challenges occurring (e.g. at the implementation phase) and the different approaches which have been taken in order to address them. The outcome of this task includes reflections on the lessons learned, highlights of good practices and an outlook of adaptation policy process in Europe.

The report will be published in the first half of 2014.

Detailed description of activities

In 2013 ETC/CCA will focus on scoping the assessment by documenting the methodological approach and providing a 1st draft of the assessment work. The methodological approach could build upon recent assessment studies (e.g. OECD 2006, Massey & Bergsma 2008, PEER study - Swart 2009, OECD forthcoming in spring 2013, etc.), evaluation and monitoring initiatives in various countries (such as the 5-step approach of the Finland Adaptation Strategy evaluation, the UK ladder, the evaluation of the UK CCRA), the Adaptation Support Tool of Climate-ADAPT or a SWOT analysis to develop scorecards for countries, sectors and key topics. The analysis could also consider clustering countries by governance structures, risks or vulnerable regions. This task will also exploit possible synergies with research projects such as Mediation and BASE.

After defining the methodological approach, national adaptation strategies, plans and actions for all EEA 32 member countries will be assessed. Climate-ADAPT will be instrumental in providing sources of information for the analysis (including contacts to national policy makers). However it will have to be complemented with additional information only available at national, regional (e.g. screen the outcome of DG CLIMA project on regional activities starting in beginning of 2013) and local levels (e.g. assess the results from DG CLIMA project on cities), which will need to be collected and analysed, too. The analysis will also consider transnational strategies and activities.

There is a need to establish clear links with EEA Member Countries at the national level and the

main fora at European level for consultation and possibly involvement purposes.

The following activities are key:

- *Focus on methodological approach*
 1. participation to the **ECCA Conference** in Hamburg (18-20 March 2013) for consulting experts on the methodological approach;
 2. **meeting** among EEA, DG-CLIMA and ETC/CCA to define and agree on the methodological approach (likely on March 21, 2013 after the ECCA Conference in Hamburg);
- *Focus on content of assessment*
 3. establish **linkages with European Adaptation Steering Group, NRCs** of EEA's EIONET and, if needed, **contact persons** given in country pages of the Climate-ADAPT platform;
 4. use **scheduled events**, such as the EIONET and the EU Adaptation strategy launch event (date tbd) for discussion with national policy makers;
 5. establish link to **existing networks**, such as EPA-IG on climate change adaptation, CIRCLE-2, etc.

In addition, the dissemination of EEA report 'Adaptation in Europe' will be supported upon request from the EEA, for example through participation and presentations in conferences or experts meetings.

Expected outputs/deliverables to EEA and time schedule

Product	Time schedule	Task manager	Team
<p>2.1.2.3D1 – <i>Work Plan Paper in conjunction with EEA</i> for assessment of EU national adaptation policy processes in 32 EEA member countries:</p> <p>1) 1st draft</p> <p>2) final draft</p>	<p>1) 15 March 2013⁹</p> <p>2) 15 May 2013</p>	Andrea Prutsch (EAA)	Andrea Prutsch (EAA), Markus Leitner (EAA), Martin König (EAA), Sabine McCallum (EAA), Mikael Hildén (SYKE), Kirsi Mäkinen (SYKE), Silke Beck (UFZ), Sergio Castellari (CMCC), Rob Swart (Alterra), Tiago Capela Lourenço (FFCUL), Miroslav Havranek (CUNI), Roger B. Street (UKCIP), Clare Downing (UKCIP), Emiliano Ramieri (Thetis), Ana Iglesias (UPM)

⁹ This draft should provide the discussion basis for a Task 2.1.2.3 meeting (likely on the 21st of March in Hamburg after ECCA conference). After the meeting, we will finalise it by 15 May 2013 (including several rounds of iterations, also with other stakeholders from e.g. DG-CLIMA, ASG, EPA).

<p>2.1.2.3KD2 – <i>Working Paper</i> on assessment of national adaptation policies processes in 32 EEA member countries:</p> <p>1) 1st draft (focus on methodological approach)¹⁰</p> <p>2) 2nd draft (focus on assessment)</p> <p>3) final draft</p> <p>(Remarks: - the draft paper will be discussed at a meeting with all team members and further developed; - pairs of ETC team members will be responsible for the assessment of a number of EEA member countries; TBD in the work plan)</p>	<p>1) 15 March 2013</p> <p>2) 15 September 2013</p> <p>3) 30 November 2013</p>	<p>Andrea Prutsch (EAA)</p>	<p>Andrea Prutsch (EAA), Markus Leitner (EAA), Martin König (EAA), Sabine McCallum (EAA), Mikael Hildén (SYKE), Kirsi Mäkinen (SYKE), Silke Beck (UFZ), Sergio Castellari (CMCC), Rob Swart (Alterra), Tiago Capela Lourenço (FFCUL), Miroslav Havranek (CUNI), Roger B. Street (UKCIP), Clare Downing (UKCIP), Emiliano Ramieri (Thetis), Ana Iglesias (UPM)</p>
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Linkages with other tasks of the ETC/CCA Implementation Plan 2013

Task: 2.1.1.1.

Potential linkages with other ETCs

¹⁰ The first draft will be made in close cooperation with EEA will document the methodology; it can potentially be discussed at the ECCA conference in Hamburg (21 March 2013).

Task 2.1.2.4 - Support to transport and environment assessments

ETC/CCA 2.1.2 Project manager: Mikael Hilden (SYKE)

ETC/CCA 2.1.2 Project deputy manager: Sergio Castellari (CMCC)

ETC/CCA 2.1.2.4 Task manager: Ángel Aparicio (UPM)

EEA 2.1.2.4 Project manager: Birgit Georgi

Team: Ángel Aparicio (UPM), Natalia Sobrino (UPM), Andrea Prutsch (EAA), Sabine McCallum (EAA), Erika Palin (MO), Ken Mylne (MO)

EEA objectives

- Support future EEA assessments on adaption of transport to climate change as an input to further development of EU transport and environment policies;
- support the implementation of the EU Adaptation Strategy in the area of transport.

Background

A well-functioning transport system is crucial for the economy as well as for quality of life in Europe. It needs to be secured also under current and projected climate change impacts. Planning of transport infrastructure and the consequences of decisions are long-term and maintenance and renewal is costly. This requires consideration of measures to adapt the transport system to future climate changes already now. EEA prepares and publishes regularly transport reports, e.g. the TERM reports. In 2013 or in 2014 they could also cover adaptation of the European transport system to climate change. For this purpose, background material on experiences and the state of adaptation action in EEA countries should be prepared in 2013 as a first step.

Detailed description of activities

- Provide **background documentation and material** as a contribution for the EEA task to create a more systematic overview on experience and activities in EEA member countries - both government and key transport infrastructure 'managing' organisations (e.g. usually public or public/private partnerships)- on adaptation of transport infrastructure of all modes , but in particular the railroad infrastructure; consider also economic consequences

of adaptation of transport infrastructure. Thereby, the **link to the transport activities in the frame of the EU adaptation strategy** shall be maintained.

- Design a **questionnaire** on the state of adaptation action in the transport area to be sent to the Member States (EIONET NRC transport).
- Produce an **analysis of the answers of the questionnaire** as input for the expert workshop.
- Support EEA in organising an **expert meeting** (including representatives from ministries, agencies, transport organisations and scientists) – identify appropriate experts, present the results of the questionnaire, discuss and exchange with the experts to identify missing information and get strategic recommendations which type of analysis and synthesis would be most needed.
- Produce a **working paper** which deepens the results of the first analysis by including the results of the workshop, a follow up of selected recommendations given at the workshop, in depth analysis of some Member State action identified in the questionnaire.
- The main references of reports and analyses found through this activity should be included into **Climate-ADAPT**.

Additional information sources should be include in the work among others:

- the analysis done by consultants supporting the impact assessment underpinning the preparation of the EU adaptation strategy;
- involvement of EU wide transport organisations, such as CER <http://www.cer.be/>;
- results from key EU FP7 projects, e.g. WEATHER (<http://www.weather-project.eu/weather/index.php>), EWENT (<http://ewent.vtt.fi/>) and ECCONET (<http://www.tmleuven.be/project/ecconet/home.htm>).

Expected outputs/deliverables to EEA and time schedule

Product	Time schedule	Task manager	Team
2.1.2.4D1 - analysis of the questionnaire to MS	1 April 2013	Ángel Aparicio (UPM)	Ángel Aparicio (UPM), Natalia Sobrino (UPM), Andrea Prutsch (EAA), Sabine McCallum (EAA), Erika Palin (MO), Ken Mylne (MO)
2.1.2.4D2 - support expert workshop organized by EEA by means of contents and attendance	April/May 2013	Ángel Aparicio (UPM)	Ángel Aparicio (UPM), Natalia Sobrino (UPM)
2.1.2.4D3 - <i>Working paper</i>	1 October 2013	Ángel Aparicio (UPM)	Ángel Aparicio (UPM), Natalia Sobrino (UPM), Andrea Prutsch (EAA), Sabine McCallum (EAA), Erika Palin (MO), Ken Mylne (MO)

Linkages with other tasks of the ETC/CCA Implementation Plan 2013

Task 2.1.1.1

Potential linkages with other ETCs

Task 2.1.2.5 - Eionet workshop and networking

ETC/CCA 2.1.2 Project manager: Mikael Hildén (SYKE)

ETC/CCA 2.1.2 Project deputy manager: Sergio Castellari (CMCC)

ETC/CCA 2.1.2.5 Task manager: Silvia Medri (CMCC)

EEA 2.1.2.5 Project manager: Stéphane Isoard

Team: Silvia Medri (CMCC), Sergio Castellari (CMCC), Mikael Hildén (SYKE), Saskia Werners (Alterra)

EEA objectives

- Organization of the 7th annual Eionet Workshop on climate change impacts, vulnerability and adaptation by EEA on May/June 2013, aimed at supporting and collaborating with Eionet (NRCs on climate change impacts, vulnerability and adaptation);
- preparation of and participation to the (three) 2013 NFP/Eionet meetings;
- contribution and participation to various networks including: EPA Network interest group, EU Council Expert Groups on Science and on Adaptation under UNFCCC, relevant IPCC plenary and expert meetings, disaster risk reduction (DRR) networks (UNISDR platform on DRR), relevant other Commission working groups and relevant other project workshops/meetings.

Background

EEA organised in 2012 the 6th annual Eionet workshop on climate change impacts, vulnerability and adaptation. In 2013 the 7th Eionet workshop is proposed to be organised in May/June.

Furthermore, EEA staff participates in a number of networks relevant to climate change impacts, vulnerability and adaptation as well as DRR. ETC/CCA can be requested on a case by case basis to participate in these networks together with EEA staff or to replace EEA staff and report back on main outcomes.

Detailed description of activities

ETC/CCA will support EEA in the organization and coordination of the 2013 7th annual Eionet

Workshop on climate change impacts, vulnerability and adaptation by preparing minutes of the workshop and possible reports if needed and to be agreed according to this task budget.

ETC/CCA will support EEA and Eionet (NRCs) in various networks, depending on EEA needs, such as:

- EPA Network interest group - Mikael Hildén (SYKE);
- EU Council Expert Groups on Science and on Adaptation under UNFCCC - Sergio Castellari (CMCC) and Silvia Medri (CMCC);
- relevant IPCC plenary and expert meetings - Sergio Castellari (CMCC);
- DRR networks (UNISDR platform on DRR) - Saskia Werners (Alterra).

This Task may also include providing comments on papers by other organizations, depending on EEA needs.

Expected outputs/deliverables to EEA and time schedule

Product	Time schedule	Task manager	Team
<p>2.1.2.5D1 - Participation to the 7th Eionet Workshop (including support in preparing minutes and reports) and to three NFP/Eionet meetings:</p> <p>1) 1st NFP/Eionet Meeting 2) 6th Eionet Workshop 3) 2nd NFP/Eionet Meeting 4) 3rd NFP/Eionet Meeting</p>	<p>1) 7 March 2013 2) May/June 2013 3) June 2013 4) October 2013</p>	<p>Silvia Medri (CMCC)</p>	<p>Silvia Medri (CMCC), Sergio Castellari (CMCC)</p>
<p>2.1.2.5D2 - Support to various networks and provision of comments to papers by other organizations</p>	<p>On-going activity</p>	<p>Silvia Medri (CMCC)</p>	<p>Silvia Medri (CMCC), Sergio Castellari (CMCC), Mikael Hildén (SYKE), Saskia Werners (Alterra)</p>

Linkages with other tasks of the ETC/CCA Implementation plan 2013

Task 2.1.1.1.

Potential linkages with other ETCs

Project 6.0.10 - ETC/CCA management and coordination

Task 6.0.10.1 - ETC/CCA management and coordination

Task 6.0.10.1 - ETC/CCA management and coordination

ETC/CCA 6.0.10 Project manager: Sergio Castellari (CMCC)

ETC/CCA 6.0.10 Project deputy manager: Silvia Medri (CMCC)

ETC/CCA 6.0.10.1 Task manager: Sergio Castellari (CMCC)

EEA 6.0.10 Project manager: André Jol

Team: Sergio Castellari (CMCC), Silvia Medri (CMCC), Lorella Reda (CMCC), Rob Swart (Alterra), Hans Sanderson (AU-NERI), Miroslav Havranek (CUNI), Maria João Cruz (FFCUL), Paul van der Linden (MO), Mikael Hildén (SYKE), Emiliano Ramieri (Thetis), Andreas Marx (UFZ), Ana Iglesias (UPM), Roger B. Street (UKCIP), Aleksandra Kazmierczak (UoM), Elisabeth Koch (ZAMG), Sabine McCallum (EAA)

Objectives

- To efficiently coordinate and manage the ETC/CCA Consortium;
- to validate the deliveries and contributions of ETC/CCA, according to the 2013 Implementation Plan (IP2013);
- to maintain links to Eionet (consultations of draft papers and reports);
- to review ETC capacities and expertise in connection with the EEA Management Plan;
- to secure resources and capacities to support 2013 activities and beyond;
- to periodically prepare progress reports and implement changes in ETC work if needed.

Detailed description of activities

The ETC/CCA *core team* - the *ETC/CCA Manager* and *Technical/Scientific Coordinator* Sergio Castellari (CMCC), a *Deputy Manager* for all technical/scientific issues Silvia Medri (CMCC) and a *Deputy Manager* for all administrative/financial issues Lorella Reda – will regularly coordinate administrative/financial and technical/scientific work for the efficient running of the ETC, including

activities related to (deliverable 6.0.10.1D1):

- overall coordination, monitoring and management of the ETC;
- regular exchange with EEA and participation to meetings with EEA on review of activities and strategic planning, normally back-to back with other meetings at EEA;
- participation to the annual coordination meeting of all the ETCs managers, organized by the group of ETCs managers (generally taking place in September);
- maintaining/updating the ETC/CCA Website¹¹ and mailing lists;
- maintaining/updating the ETC/CCA Consortium EIONET Forum Interest Group¹², with the support of ETC/CCA Task managers.

Furthermore the ETC/CCA *core team* will be responsible for the:

- organisation, preparation and participation to the annual ETC/CCA **Kick-off meeting** (by videoconference), with Task Managers and Partner *Responsibles*, in order to set up and discuss within the Consortium the implementation of IP2013 activities (deliverable 6.0.10.1D2);
- organisation, preparation and participation to two ETC/CCA **Management Committee meetings** (the first one by videoconference, the second one physically at EEA), with Task Managers, Project Deputy Managers, Partner *Responsibles* and EEA Project Managers, aimed mainly at discussing and evaluating progresses of activities and relative budget use (deliverable 6.0.10.1D3); additional such kind of meetings could be organized by videoconference depending on the emerging needs during the year;
- compilation and preparation of three **quarterly progress reports** and one final report describing progress of activities and budget use, with the contribution of all Partner *Responsibles*, as required in the agreement with EEA and in accordance with guidance from EEA regarding formats (deliverables 6.0.10.1KD4-7);

¹¹ <http://cca.eionet.europa.eu/>.

¹² <http://forum.eionet.europa.eu/etc-cca-consortium/index.html>.

- preparation of **financial reporting from the Consortium** (1st semester and final report) , with the contribution of all Partner *Responsibles*, as required in the agreement with EEA and in accordance with guidance from EEA regarding formats.

Expected outputs/deliverables to EEA and time schedule

Product	Time schedule	Task manager	Team
6.0.10.1D1 Coordination and management of ETC/CCA	- All 2013	Sergio Castellari (CMCC)	Sergio Castellari (CMCC), Silvia Medri (CMCC), Lorella Reda (CMCC)
6.0.10.1D2 Organization of and participation to ETC/CCA Kick Off meeting	- January 2013	Sergio Castellari (CMCC)	Sergio Castellari (CMCC), Silvia Medri (CMCC), Lorella Reda (CMCC), Rob Swart (Alterra), Hans Sanderson (AUNERI), Miroslav Havranek (CUNI), Maria João Cruz (FFCUL), Paul Van Der Linden (MO), Mikael Hildén (SYKE), Emiliano Ramieri (Thetis), Andreas Marx (UFZ), Ana Iglesias (UPM), Roger B. Street (UKCIP), Aleksandra Kazmierczak (UoM), Elisabeth Koch (ZAMG), Sabine McCallum (EAA) + Task Managers
6.0.10.1D3 Organization of and participation to : 1) 1 st Management Committee meeting 2) 2 nd Management Committee meeting	- May 2013 September/October 2013	Sergio Castellari (CMCC)	Sergio Castellari (CMCC), Silvia Medri (CMCC), Lorella Reda (CMCC), Rob Swart (Alterra), Hans Sanderson (AUNERI), Miroslav Havranek (CUNI), Maria João Cruz (FFCUL), Paul Van Der Linden (MO), Mikael Hildén (SYKE), Emiliano Ramieri (Thetis), Andreas Marx (UFZ), Ana Iglesias (UPM), Roger B. Street (UKCIP), Aleksandra Kazmierczak (UoM), Elisabeth Koch (ZAMG), Sabine McCallum (EAA) + Task Managers and Project Deputy Managers

6.0.10.1KD4 - First Quarterly Progress Report (QPR1/2013)	20 April 2013	Sergio Castellari (CMCC)	Sergio Castellari (CMCC), Silvia Medri (CMCC), Lorella Reda (CMCC), Rob Swart (Alterra), Hans Sanderson (AUNERI), Miroslav Havranek (CUNI), Maria João Cruz (FFCUL), Paul Van Der Linden (MO), Mikael Hildén (SYKE), Emiliano Ramieri (Thetis), Andreas Marx (UFZ), Ana Iglesias (UPM), Roger B. Street (UKCIP), Aleksandra Kazmierczak (UoM), Elisabeth Koch (ZAMG), Sabine McCallum (EAA)
6.0.10.1KD5 - Second Quarterly Progress Report (QPR2/2013)	20 July 2013	Sergio Castellari (CMCC)	Sergio Castellari (CMCC), Silvia Medri (CMCC), Lorella Reda (CMCC), Rob Swart (Alterra), Hans Sanderson (AUNERI), Miroslav Havranek (CUNI), Maria João Cruz (FFCUL), Paul Van Der Linden (MO), Mikael Hildén (SYKE), Emiliano Ramieri (Thetis), Andreas Marx (UFZ), Ana Iglesias (UPM), Roger B. Street (UKCIP), Aleksandra Kazmierczak (UoM), Elisabeth Koch (ZAMG), Sabine McCallum (EAA)
6.0.10.1KD6 - Third Quarterly Progress Report (QPR3/2013)	20 October 2013	Sergio Castellari (CMCC)	Sergio Castellari (CMCC), Silvia Medri (CMCC), Lorella Reda (CMCC), Rob Swart (Alterra), Hans Sanderson (AUNERI), Miroslav Havranek (CUNI), Maria João Cruz (FFCUL), Paul Van Der Linden (MO), Mikael Hildén (SYKE), Emiliano Ramieri (Thetis), Andreas Marx (UFZ), Ana Iglesias (UPM), Roger B. Street (UKCIP), Aleksandra Kazmierczak (UoM), Elisabeth Koch (ZAMG), Sabine McCallum (EAA)

<p>6.0.10.1KD7 - Final progress report (QPR4/2013)</p>	<p>20 January 2014</p>	<p>Sergio Castellari (CMCC)</p>	<p>Sergio Castellari (CMCC), Silvia Medri (CMCC), Lorella Reda (CMCC), Rob Swart (Alterra), Hans Sanderson (AUNERI), Miroslav Havranek (CUNI), Maria João Cruz (FFCUL), Paul Van Der Linden (MO), Mikael Hildén (SYKE), Emiliano Ramieri (Thetis), Andreas Marx (UFZ), Ana Iglesias (UPM), Roger B. Street (UKCIP), Aleksandra Kazmierczak (UoM), Elisabeth Koch (ZAMG), Sabine McCallum (EAA)</p>
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Linkages with other Tasks of the ETC/CCA Implementation Plan 2013

All Tasks.

Potential linkages with other ETCs

All ETCs (on ETCs management issues).