

Adaptation in Europe

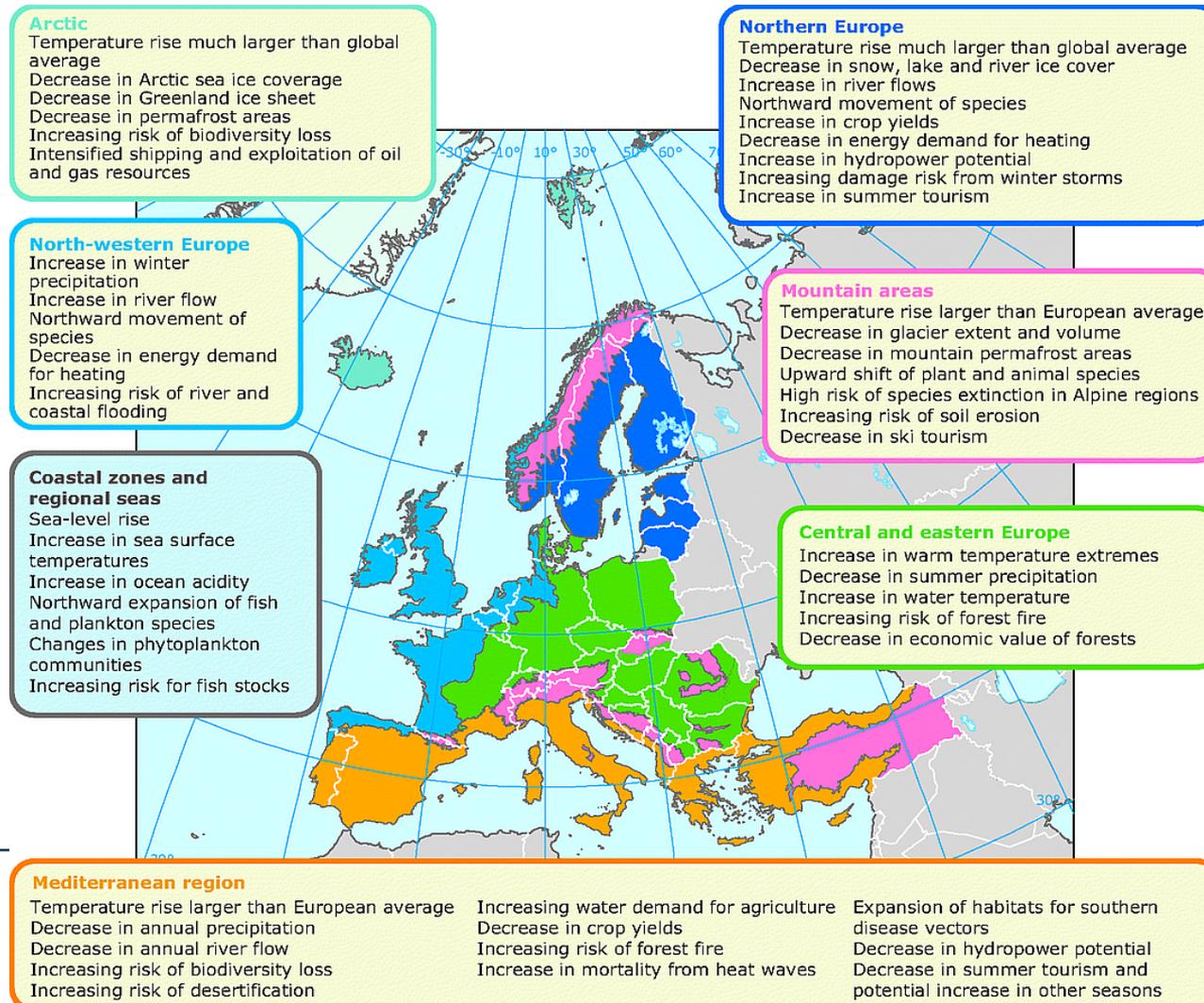
Hans Sanderson

Aarhus University, Dept. Environmental Science

Background

Climate change and adaptation in Europe

EU wide climate change risk summary



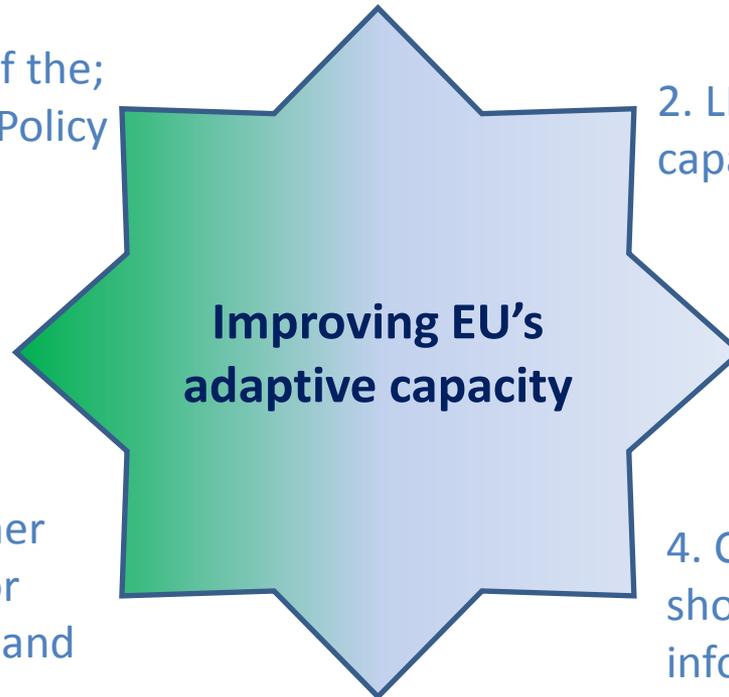
The EU Adaptation Strategy (2013)

1. Adaptation strategies in all MS review in 2017

8. Climate-proofing of the;
CAP (agri), Cohesion Policy
and the CFP (fishing)

7. Ensuring more
resilient
infrastructure

6. Insurance and other
financial products for
resilient investment and
business decisions



2. LIFE funding to support
capacity building

3. Adaptation in the Covenant
of Mayors framework

4. Climate-ADAPT as the 'one-stop
shop' for adaptation
information in Europe

5. Bridge the knowledge gap.

European Environment Agency

ETC-CCA

Current European Adaptation research at AU-ENVS/DCE

- European Environment Agency – Topic Center (2011-2018): Adaptation to Climate Change: Climate-Adapt portal

The screenshot displays the Climate-Adapt website interface. At the top, there is a navigation bar with links for Home, Adaptation information, EU Adaptation Policy, Countries, regions, cities, Tools, Links, Search the database, and Newsletter. A search bar is also present. The main content area is divided into several sections:

- Left Sidebar:** EIONET logo and navigation menu including Services, Reportnet, Tools, and Topics (ETCs). A list of Topic Centre Services includes Activities, Events, Announcements, Consortium, ETC Reports, Contact us, Location, Workshops, and Links.
- Top Section:** "About Climate Change Adaptation in Europe" with a description of the platform's goals and a list of key features: Expected climate change in Europe, Current and future vulnerability of regions and sectors, National and transnational adaptation strategies, Adaptation case studies and potential adaptation options, and Tools that support adaptation planning.
- Right Sidebar:** "SEARCH THE CLIMATE ADAPTATION DATABASE" with search filters for Keyword, Sectors (Agriculture and Forest, Biodiversity, Coastal areas), and Country (Albania, Austria, Belgium).
- Bottom Section:** A grid of featured content including:
 - News:** "New to adaptation? Use the Adaptation Support Tool" with a circular diagram showing 6 steps.
 - Events:** "What are European countries doing?" with a map of Europe and a "GO" button.
 - EU sector policies:** "Find case studies on adaptation in Europe" with a map of Europe and location pins.
 - EU information systems:** "Share your information" with a diagram of people and a central box.

Joint Programme Initiative - Climate

JPI-Climate

Joint Programme Initiative (JPI) JPI-Climate (FP7 CSA project - module 2 on CS)

- Strong focus on climate/adaptation services
- 2012-2016
- Mapping and workshops held
- ERA-NET ERA4CS – start 2016 - 75 mill Euros

Welcome to Climate Knowledge Hub!

[Contact](#)

On this website a network of climate service providers will be established.

We invite you with your institution to join the network in our online questionnaire about the mapping of climate service providers. Do so by participating in the questionnaire about climate service providers and their portfolio.

The survey in Germany is conducted by the Climate Service Center, an institution of the Helmholtz-Center Geesthacht, and in Austria by the Climate Change Center Austria. The results support the [European Joint Programming Initiative \(JPI\) Climate](#). Within JPI Climate the working group 2 focuses on the development of climate services and establishment of a European network of climate service providers.

The demand for climate services – information about climate and climate change in a user-friendly format – is increasing and leads to more and more institutions offering climate services. It would be good to be able to assess this development at the European scale and to improve the interactions between climate service providers and users by means of so-called national dialogues. In these workshops providers of climate services, which have been comprised by the present questionnaire, will come together with the users of climate services and exchange their respective experiences.

New contacts can be established and requirements for a quality assurance of climate services can be developed.

Is your institution offering climate services? Share your expertise and experiences with us.

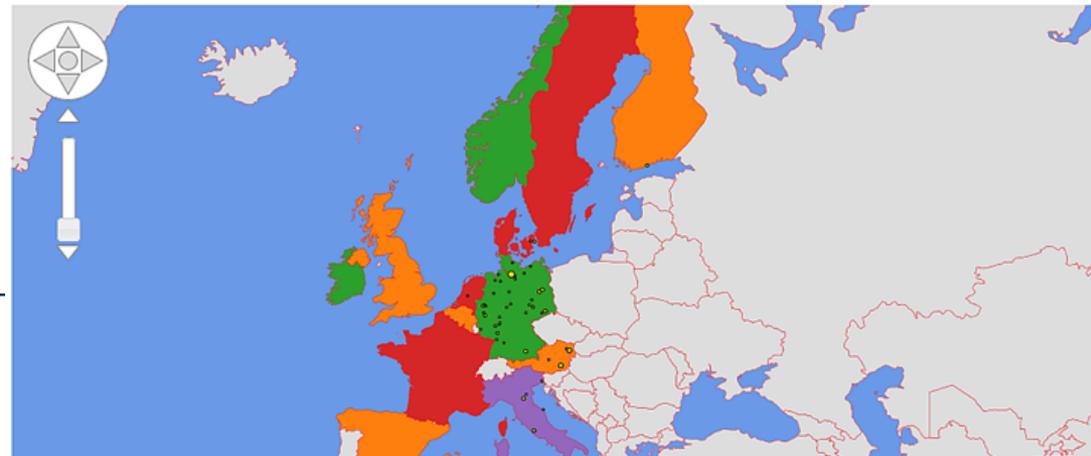
You are welcome to distribute the invitation to the questionnaire to other institutions and enterprises.

For starting the questionnaire double-click to your respective country on the map. If you do not see the map — you probably use an out-dated browser or you have disabled javascript — just use the links above the blue rectangle. Gray-colored countries do not provide a questionnaire yet. If you are interested in offering the questionnaire for your country, please [contact us](#). You can move the map by mouse-dragging and zoom with your mouse-wheel.

To see the profiles of climate service providers that already participated in our questionnaire, please click onto the respective city on the map.

The Climate Service Center is member of the [Climate Service Partnership](#) and supports the AACIFI project of the [UNEP Financial Initiative](#). Both institutions promote the survey at international scale.

[Austria](#) [Belgium](#) [Germany](#) [Denmark](#) [Finland](#) [France](#) [United Kingdom](#) [Ireland](#) [Italy](#) [Netherlands](#) [Norway](#) [Spain](#) [Sweden](#)

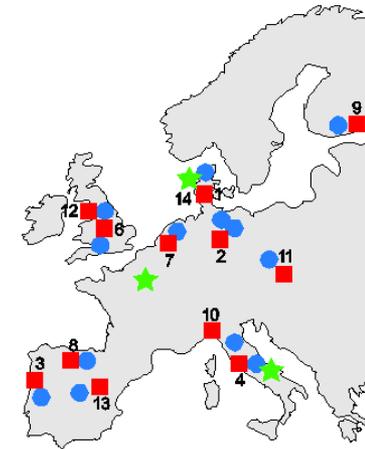


FP7 Project BASE

BASE

BASE

- Project period: Nov' 12 to Nov '16
- Total budget: Approx. 56 mill DKK
- 15 partners across the EU



TEKNOLOGI-RÅDET



UNIVERSITY OF LEEDS



<http://base-adaptation.eu/video-about-base-project>

BASE structure

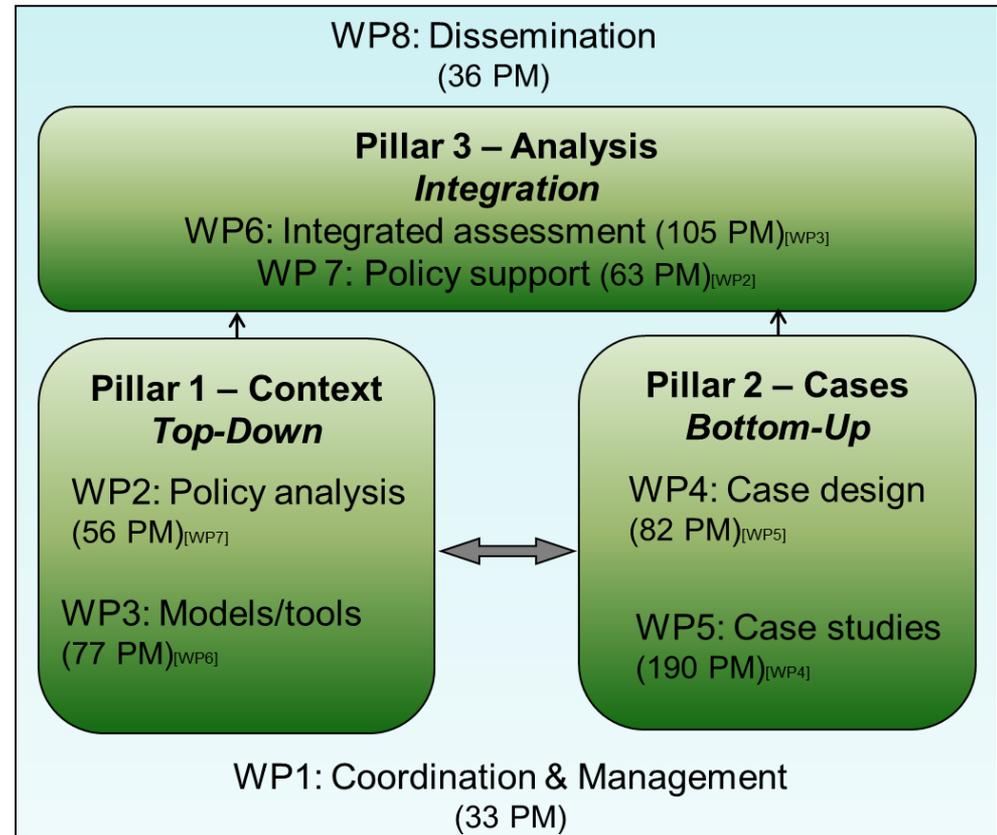
Pillar 1: Provides the policy and tools **context** for the case studies, from primarily a **Top-Down perspective**.

Pillar 2: Consists of the Bottom-Up research. WP4 develops a **case methodology** ensuring **comparability** between the case studies, and WP5 **implements the methodology in cases**.

Pillar 3: **integrates** and up-scales results for economic analysis & **policy support**.

The 3 pillars are **coordinated** by WP1 and **disseminated** via WP8

Project model



BASE will 'replicate' sectorial case studies across EU

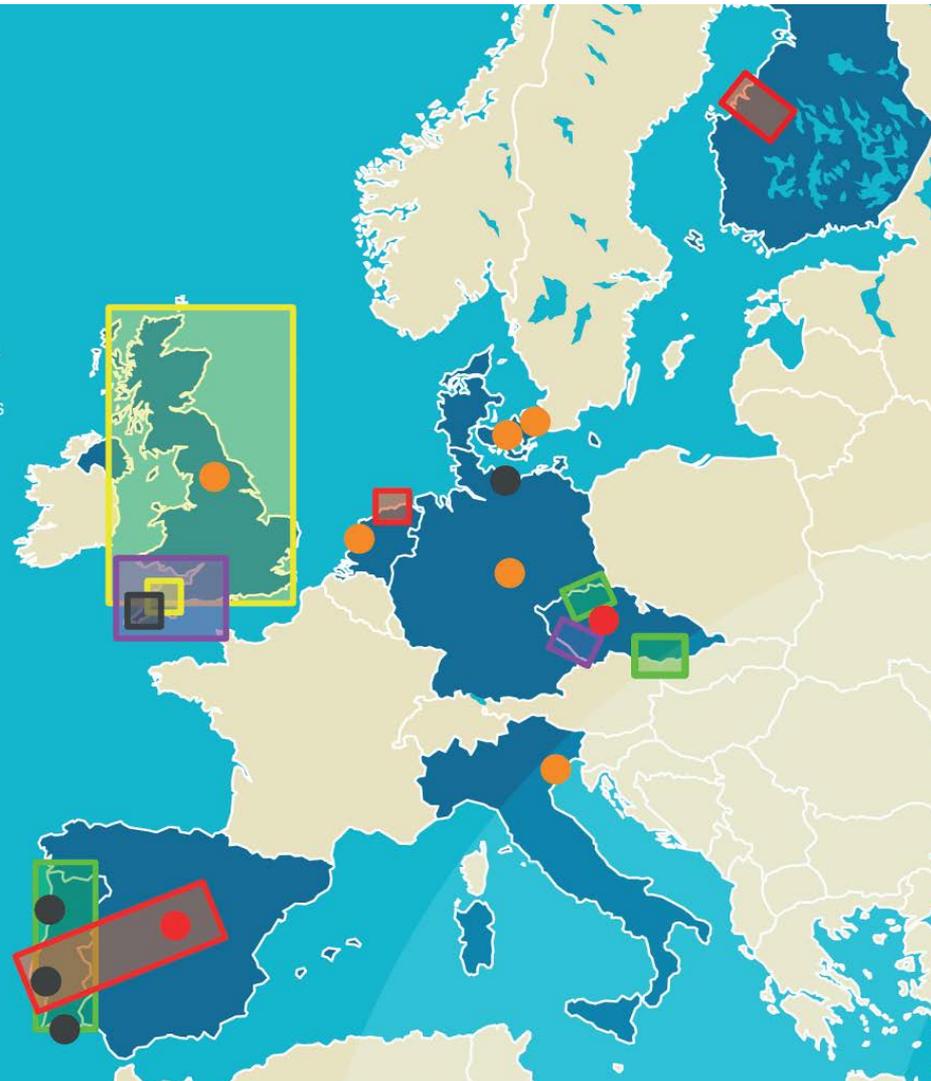
Case studies

To gather insights from the local level, the BASE project examines climate change adaptation case studies from across Europe. The case studies focus on key adaptation sectors such as water and ecosystem services, rural and urban areas, food production and coastal zones. Many case studies cover multiple sectors or policy levels, examining the interactions between sectors and across scales.

Case study sectors

- Coastal zones
- Agriculture & forestry
- Water resources
- Human settlements & infrastructure
- Biodiversity & ecosystems
- Health

- City/Municipality
- Regional/National level



2. European Climate Change Adaptation Conference

ECCA2015

Second European Climate Change Adaptation Conference (ECCA2015)

- 3 EU projects
- DI; EEA; Kbh
- 750 participants
- 46 nations
- 19 exhibitors



12th to 14th
May 2015

Bella Center
Copenhagen
Denmark



[Read our Newsletters](#)

- WELCOME
- ABOUT ECCA 2015
- ABSTRACT BOOK
- KEY NOTE SPEAKERS
- SCIENTIFIC PROGRAMME
- POSTER SESSIONS
- NEWSLETTER
- SITE VISITS
- CONGRESS VENUE
- SOCIAL PROGRAMME
- PARTNERS
- ECCA 2015 SPONSORS & EXHIBITORS
- WORKSHOPS
- SESSIONS

Welcome

[E-MAIL](#) [PRINT](#)

WELCOME TO COPENHAGEN!

The second biennial 'European Climate Change Adaptation Conference' was hosted in Copenhagen in 2015. More than 750 participants from 46 countries participated in this event.

The conference offered a unique platform for researchers, policy makers, and businesses to share new research results, novel policy developments, and practical implementation experiences regarding climate change impacts and adaptation, as well as highlight opportunities for business innovations aimed at supporting the transition to low carbon societies.

It also showcased how climate change adaptation in Europe can contribute to job creation and other societal benefits.

Director Kurt Vandenberghe of the European Commission presented where European adaptation research and innovation policies are heading the coming years. The conference provided an opportunity and learn about the European Commission's policy initiatives on climate services and nature-based solutions and their funding in Horizon 2020, and to meet partners in the largest gathering of the European adaptation community. For further information please visit the webpage.

We very much thank all participants and sponsors for coming to ECCA2015 in Copenhagen.

Hans Sanderson, PhD
Head of ECCA 2015 Organizing Committee
Dept. Environmental Science - Aarhus University

Click on the picture below to see a video from Hans Sanderson, Head of the ECCA 2015 Organizing Committee



Click blow to download the ECCA flyer



8/25/2015

Thank you!

Hans Sanderson

Sanderson@envs.au.dk



www.base-adaptation.eu

This project has received funding from the European Unions Seventh Framework Programme for research, technological development and demonstration under Grant Agreement No. 308337 (Project BASE). The contents of this presentation are the sole responsibility of