Contact us:
To sign up to BASE’s ‘European Adaptation Newsletter’ and find more information about our research activities, please visit: www.base-adaptation.eu

BASE Project Coordinator
Dr. Hans Sanderson
Aarhus University
Nordre Ringgade 1
DK-8000 Aarhus C, Denmark
E-Mail: hasa@dmu.dk
Telephone: +45 8715 8632
Fax: +45 8715 0201

The research leading to these results has received funding from the European Community’s Seventh Framework Programme under Grant Agreement No.308337 (Project BASE). The contents of this leaflet are the sole responsibility of BASE and can in no way be taken to reflect the views of the European Union.

Transforming knowledge into adaptation solutions
**Our aims**

From 2013-2017, the BASE project will foster sustainable adaptation in Europe by improving the knowledge base on climate change adaptation, and making this information easier to access, understand and act upon. Specifically, BASE will:

- **Compile and analyse** data and information on adaptation measures realised that enhance effectiveness towards a publically available comprehensive, integrated knowledge base. This includes analyses of social and economic benefits, sectoral adaptation costs, and policy making implications.
- **Identify and develop** new assessment methods and tools for assessing climate impacts, vulnerabilities, risks and policies. Identify connections and synergies in different policy tools and as well as between and within sectors to highlight strategies for improving policy coherence and effectiveness.
- **Bridge the gap** between assessment of specific adaptation measures and their demonstration of implementation of comprehensive and integrated strategies.
- **Increase the integration of local knowledge and experiences of adaptation pathways through novel participatory methods and deliberative tools to create co-designed and effective adaptation strategies**.
- **Evaluate project results** to policy makers, practitioners and other stakeholders to increase awareness of the impacts, costs and benefits of adaptation for sustainable adaptation strategies through tools such as Climate-ADAPT.

**Case studies**

To gather insights from the local level, the BASE project examines climate change adaptation processes in different areas across Europe. The case studies focus on key decision sectors such as water and ecosystems, health, rural and urban areas, and sectors involved in services and safety (e.g. agriculture). Many case studies involve multiple sectors. Case studies are selected at two levels: Regional/National level and City/Municipality level. For more information, please visit www.base-adaptation.eu/case-studies

**Case study sectors**

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

**The BASE team**

The BASE team is an interdisciplinary expert group of research scientists from across Europe working on climate change adaptation and resilience. They bring together expertise in the fields of policy and decision making, wealth of expertise in policy analysis and development. All partners have a proven track record as well as the mission and ambition to increase the knowledge base to understand the societal implications of climate change and adaptation.

- Aarhus University, Denmark
- Ecologic Institute, Germany
- Technical University of Madrid (UPM), Spain
- Deltares, Netherlands
- University of Leeds, United Kingdom
- New University of Lisbon (FFCUL), Portugal
- University of Padova, Italy
- Danube Delta, Romania
- BC3 Basque Centre for Climate Change, Spain
- Euro-Mediterranean Center for Climate Change (CMCC), Italy
- Helmholtz Centre for Environmental Research (UFZ), Germany
- Danish Board of Technology (DBT), Denmark
- National Institute of Environmental Protection (CZEG), Czech Republic
- British Geological Survey (BGS), UK
- University of Oxford, UK
- University of Turin, Italy
- Aarhus University, Denmark
- The Danish Board of Technology (DBT), Denmark
- University of Leeds, United Kingdom
- National Institute of Environmental Protection (CZEG), Czech Republic

**Get involved**

In order to provide insights on climate change adaptation activities in Europe, the BASE project highlights several kinds of local and international partnerships. BASE has a unique focus on local partnerships via the BASE website. Writing entries will be featured on the site and in the European Adaptation Newsletter. Creativity is highly encouraged!

**The Adaptation Dialogues** are a moderated discussion between two stakeholders involved in climate change adaptation measures (e.g. policymakers, practitioners, sectoral partners, media, civil society, universities, national parliamentarian). Stakeholders discuss an aspect of climate adaptation (e.g. new evidence or new policy) in a discussion moderated on the BASE website and The European Adaptation Newsletter. Entries are highly encouraged!

**The Adaptation Snapshots** is a regular photo competition showing an aspect of ‘adaptation in action’. Entries are welcome from all interested stakeholders via the BASE website. Writing entries will be featured on the site and in the European Adaptation Newsletter. Creativity is highly encouraged!

For more details, visit www.base-adaptation.eu/partners

**The challenges**

Climate change may lead to serious ecological, economic and social disruptions across Europe. Carefully planned adaptation can reduce losses and improve resilience. For businesses and households, actions can be focused and business opportunities are likely. However, for the public, there is uncertainty about what actions are needed. However, for the public, there is uncertainty about what actions are needed. This uncertainty will help to devise strategies that are robust to climate change and can be adapted for a range of futures.

**Assessments**

The Integrated Assessment Models can provide a comprehensive view of the impacts, adaptation needs and costs. BASE needs to improve the accuracy to provide more reliable information. The findings from the BASE assessments of bottom-up processes need to put on past assessment of adaptation in perspective. Improvements to both types of assessment are needed to improve our understanding of the EU adaptation gap.

**The adaptation gap**

Strategic policy making is needed from the top-down to avoid mal-adaptation and ensure coherence between measures and sectors. However, adaption in context specific, requiring ‘bottom-up’ measures to assist critical decision making.

**The Adaptation Snapshots**

All participants are highly encouraged to submit photo entries showing an aspect of ‘adaptation in action’. Entries are highly encouraged!

**The Adaptation Dialogues**

Entries are highly encouraged from all interested stakeholders. If you have an idea for a Dialogue or can suggest people who would like to participate, let us know!