BASE BOTTOM-UP CLIMATE ADAPTATION STRATEGIES TOWARDS A SUSTAINABLE EUROPE

"Learning Cases" their **Potential** and **Challenges** with BASE project

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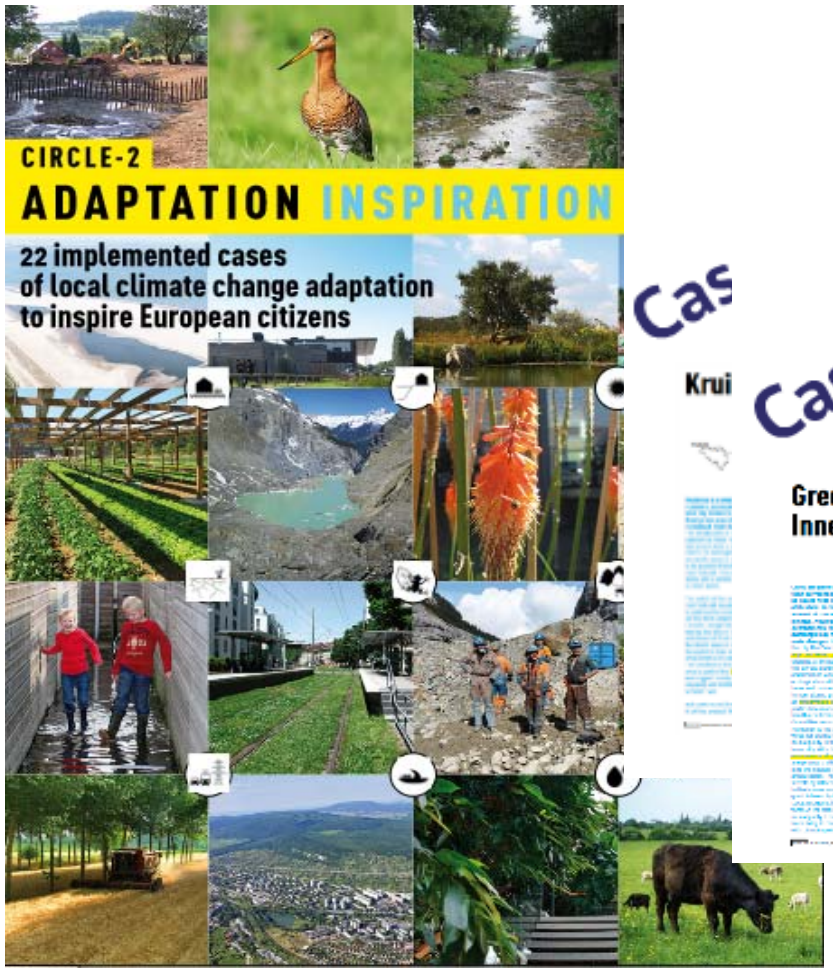
Existing cases in Adaptation



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What are Learning Cases?

- Real places, real institutions, real bio-regions, rivers, large rural areas, … it is mainly **people … in action**!!!
- Living people, natural processes and socio-economic dynamics, …
- Places/Communities in need of knowledge, attention, be connected in the Society Web, …
- Places/Communities with amazing knowledge and resources, …

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Learning Cases in **BASE**

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.

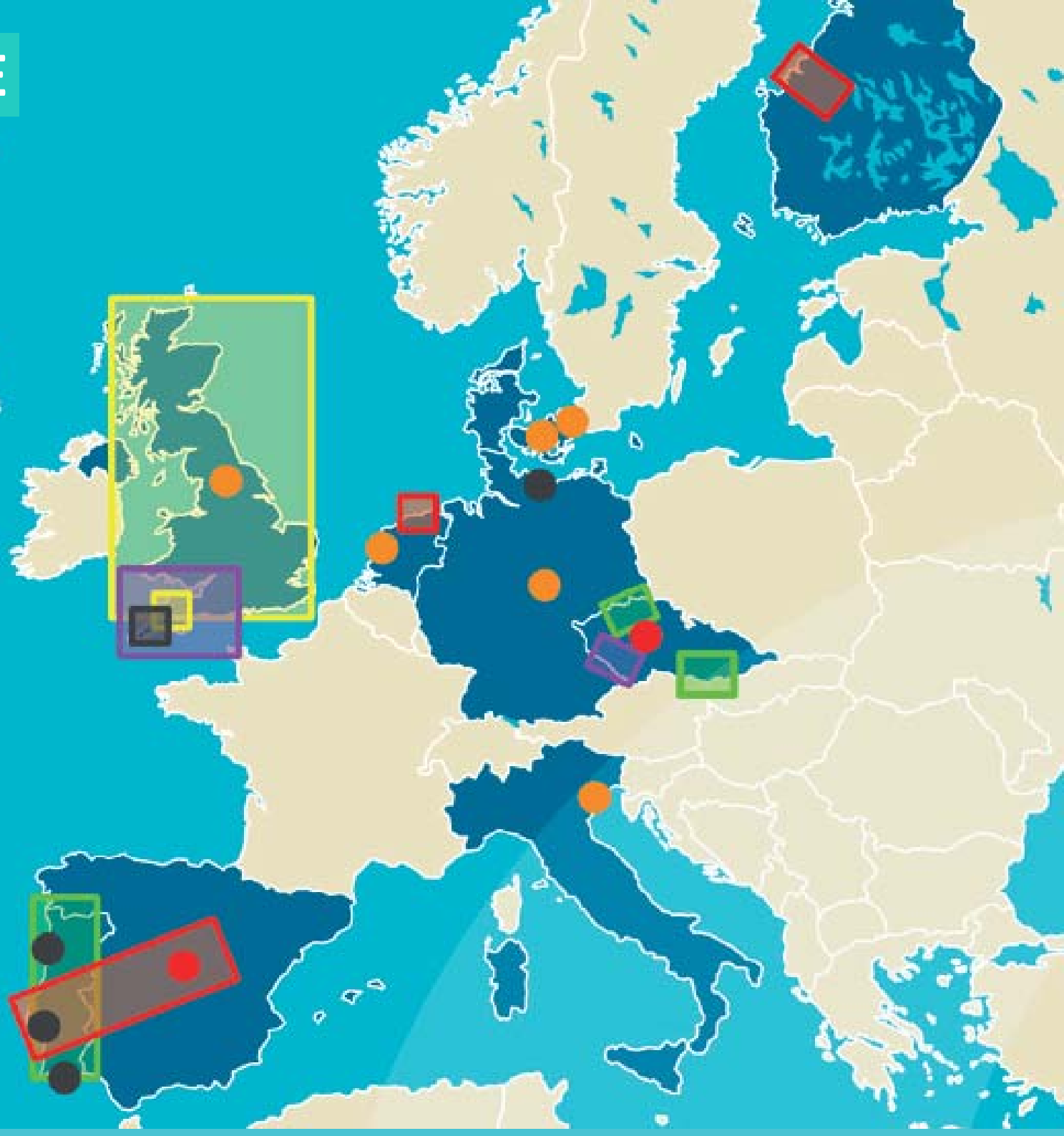
Case study sectors

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

- City/Municipality
- Regional/National level

3 international cases

For more information, please visit:
www.base-adaptation.eu/case-studies



Case Studies “Typologies”

- case studies sub-groups/themes
  - Coastal zones
  - Urban areas and Infrastructures
  - Agriculture and Forestry
  - Water resources
  - Biodiversity & Ecosystems
  - Health
  - International
- Scales
  - Local, regional, transnational
- Retrospective & Prospective
- Different degrees of Participation

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Potencial of "LC" in BASE?

- They are "the real societal challenge" (and complex);
- Successful (or not) retrospective case studies are really good to assess **full** cost and benefits (including social and ecological aspects), and lessons to learn and share;
- Prospective "learning cases" can be used to:
  - Implement and test innovative adaptation strategies & actions
  - Test innovative participatory methodologies (stakeholder involvement)
- Assess the ways that Top-Down instruments can promote effective adaptations to LC
- Effective way to "disseminate" Adaptation knowledge at local level

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Faculdade Ciências Universidade Lisboa

SEVENTH FRAMEWORK PROGRAMME

CLIMATE-ADAPT

European Climate Adaptation Platform

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Climate Change Adaptation in Europe

The European Climate Adaptation Platform (CLIMATE-ADAPT) aims to support Europe in adapting to climate change. It is an initiative of the European Commission and helps users to access and share information on:

- 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
- Tools that support adaptation planning

» Read more

Search the database

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Challenges of CS

- Integral or systemic view on CS (multi-sectorial perspective)
- Transdisciplinary teams (different languages)
- Assess “full & real” costs and benefits
- Comparability of CS
- Required data to be integrated in models
- Communicate information in a clear way (including uncertainty)

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GAPS to be address in Horizon 2020…

Identifying the **LOCAL** societal challenges, needs and **potential**

Assess deeply "**successful**" local projects

Identify and develop **indices** that promote sustainability, resilience and CC adaptation

Promote **Open-access data & Information**

Promote and develop **Action-Research**

Obrigado!!!

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