



The European Climate Adaptation Platform (CLIMATE-ADAPT)

Matteo Rini

Climate Change Adaptation Unit, DG CLIMA
European Commission



Launch of the European Climate Adaptation Platform on 23 March 2012.

- **CLIMATE-ADAPT is an online platform, providing access to:**
 - Adaptation Information
 - EU sector policies information
 - Information on countries, cities and other areas.
 - Extensive database on adaptation: publications, research projects, guidance documents, tools, indicators, maps, graphs, datasets, organizations, information sources, measures and case studies.
 - Tools that support adaptation planning

<http://climate-adapt.eea.europa.eu>

Over 50,000 visitors (unique views) in its first month



This section provides information on adaptation from various sources:

- How is the EU adapting to climate change?
 - Observations
 - Future projections and scenarios
- What risks we face
- How we can adapt to reduce our vulnerability
- What adaptation measures are available in different sectors, eg water

Adaptation has become a key element when defining the EU's climate policy, eg agricultural policy. This is what we mean by 'mainstreaming' climate change into all EU policies and sectors of EU activity.

This section provides information on adaptation in Europe:

1. **Tools:** Online support tools developed for CLIMATE-ADAPT
2. **Links:** Relevant organisations and online platforms
3. **Database:** possibility to search the entire database of Climate-ADAPT, including research projects, adaptation options, case studies, indicators, guidance documents, etc

to adaptation. This section will present results and tools from DG CLIMA's « Cities and Adaptation » Project



CLIMATE-ADAPT

European Climate Adaptation Platform

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Adaptation information

EU sector policies

Countries and other areas

Tools

Links

Search the database



New to adaptation?
Use the Adaptation Support Tool

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:

- 3 key tools have been developed for CLIMATE-ADAPT
- Adaptation support tool
- Overview of countries activities
- Case study search tool



Find case studies on adaptation in Europe



What are European countries doing?

Choose your country



ore



Share your information

News



- » Adaptation in Scotland – ASC assessment
- » Environment Agency to invite you to participate in adaptation research
- » Adaptation reporting power – final tranche of reports published

Events



- » Planet under Pressure, 26-29 March 2012, London
- » Earth Systems Engineering 2012

EU sector policies



Agriculture & Forestry
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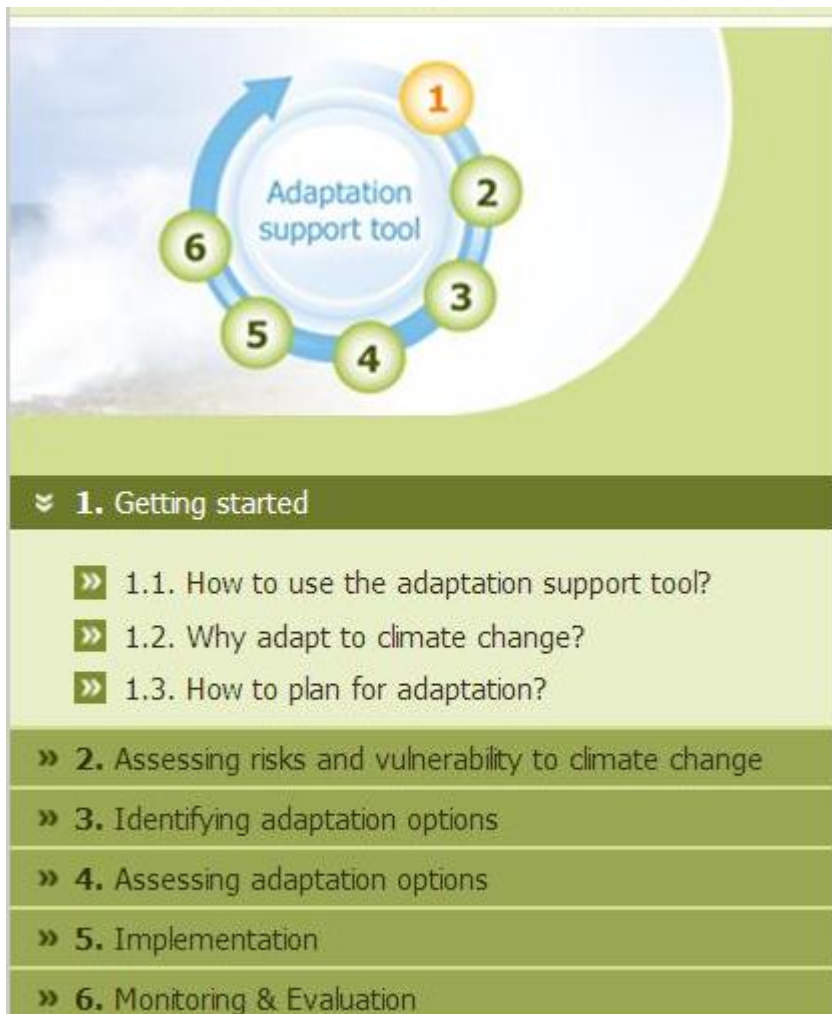
Water management
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EU information systems



Adaptation Support Tool

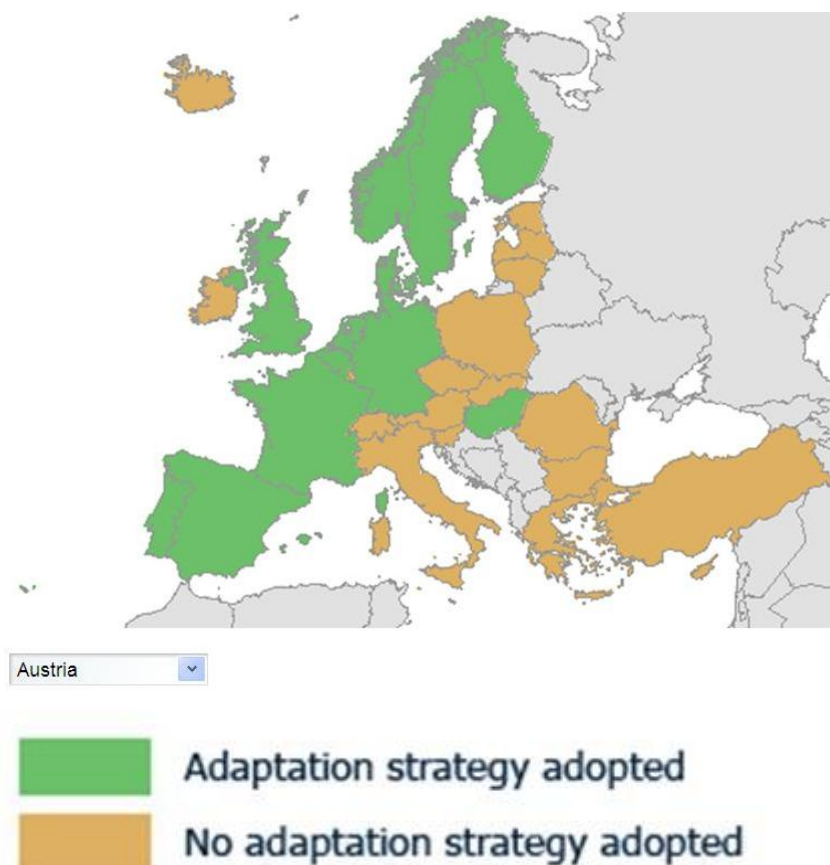


The Adaptation Support Tool guides the user through the policy making cycle of adaptation: from the assessment of risk and vulnerability to the identification, implementation and evaluation of adaptation measures

For each step it provides:

- **Guidance Documents**
- **Information Resources**
- **Risk and assessment tools**
- **Relevant case studies**
- **Links to useful information**

Overview of National Activities



CLIMATE ADAPT presents information on National Activities for most European Countries

European countries are at very different stages of development of climate change adaptation policies

There are 12 countries with an adopted adaptation strategy and **CLIMATE-ADAPT** has gathered information on adaptation actions/measures/strategies from 25 European countries

CLIMATE-ADAPT contains a large database of case studies

Users will be able to upload their case studies

All case studies will be quality checked and made available to the European adaptation community

marseille
Marseille, Bo
France
Marseille, on



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Improved water resource management in areas with acute water shortage - MT

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1. Policy Objective & Theme

- ADAPTATION TO RISK: Managing impacts of climate change and safeguarding resilience of coasts/coastal systems
- ADAPTATION TO RISK: Integrating coherent strategies covering the risk-dimension (prevention to response) into planning and investment

2. Key Approaches

- Ecosystems based approach
- Technical

3. Experiences that can be exchanged

Water leakage control from supply pipelines has been developed to become a strategically important component for water resource management. It has been used to reach an optimum economic balance between water supply and water demand. The case is particularly relevant for many coastal areas of the Mediterranean which face water shortages. The gap between supply and demand is likely to get bigger as the effects of climate change become more pronounced in the coming decades as the Mediterranean region is predicted to become both hotter and drier.

4. Overview of the case

In Malta, extreme water shortage has led to integrated water resource management being used to impro ...
[read more](#)



people, cities, adapting to climate Europe? What can learn from others?

allows to browse all case studies in searching by sector impact.

region is selected (eg

climate impact is high drought)

tool shows all adaptation case studies.

Red dots are case studies in a region with similar climate impacts as Marseille (Southern Europe). Grey dots are case studies outside that region

EU policies: water management



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European Climate Adaptation Platform

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Search the website

Home | Adaptation information | **EU sector policies** | Countries and other areas | Tools | Links | Search the database

General | Agriculture and forestry | Biodiversity | Coastal areas | Disaster risk reduction | Financial | Health | Infrastructure | Marine and fisheries | **Water management**

Water Management

Water resources are directly impacted by climate change, and the management of these resources affects the vulnerability of ecosystems, socio-economic activities and human health. Water management is also expected to play an increasingly central role in adaptation.

Climate change is projected to lead to major changes in water availability across Europe with increasing water scarcity and droughts mainly in Southern Europe and increasing risk of floods throughout most of Europe.

Search results

- ▶ Publications and reports (54)
- ▶ Information portals (51)
- ▶ Guidance (13)
- ▶ Tools (4)
- ▶ Maps, graphs and datasets (47)

Indicators

- ▶ Coastal areas (floods)
- ▶ European precipitation
- ▶ Freshwater biodiversity and water quality
- ▶ Glaciers
- ▶ Precipitation extremes in Europe
- ▶ River floods
- ▶ River flow

[View all](#)

Resources

- ▶ IPCC WG2, 2007, chapter 3: Freshwater resources and their management
- ▶ Water resources: quantity and flows - EEA SOER 2010 thematic assessment
- ▶ Addressing the challenge of water scarcity and droughts in the European Union
- ▶ EEA report Water resources across Europe — confronting water scarcity and drought
- ▶ EU Policy paper on Water, Coasts and

Multimedia

- ▶ City of five of Europe
- ▶ Floating of Europe
- ▶ Living w

For each sector, CLIMATE-ADAPT presents how the EU is mainstreaming adaptation

This is relevant in particular for the water sector, which will be severely impacted by climate change.

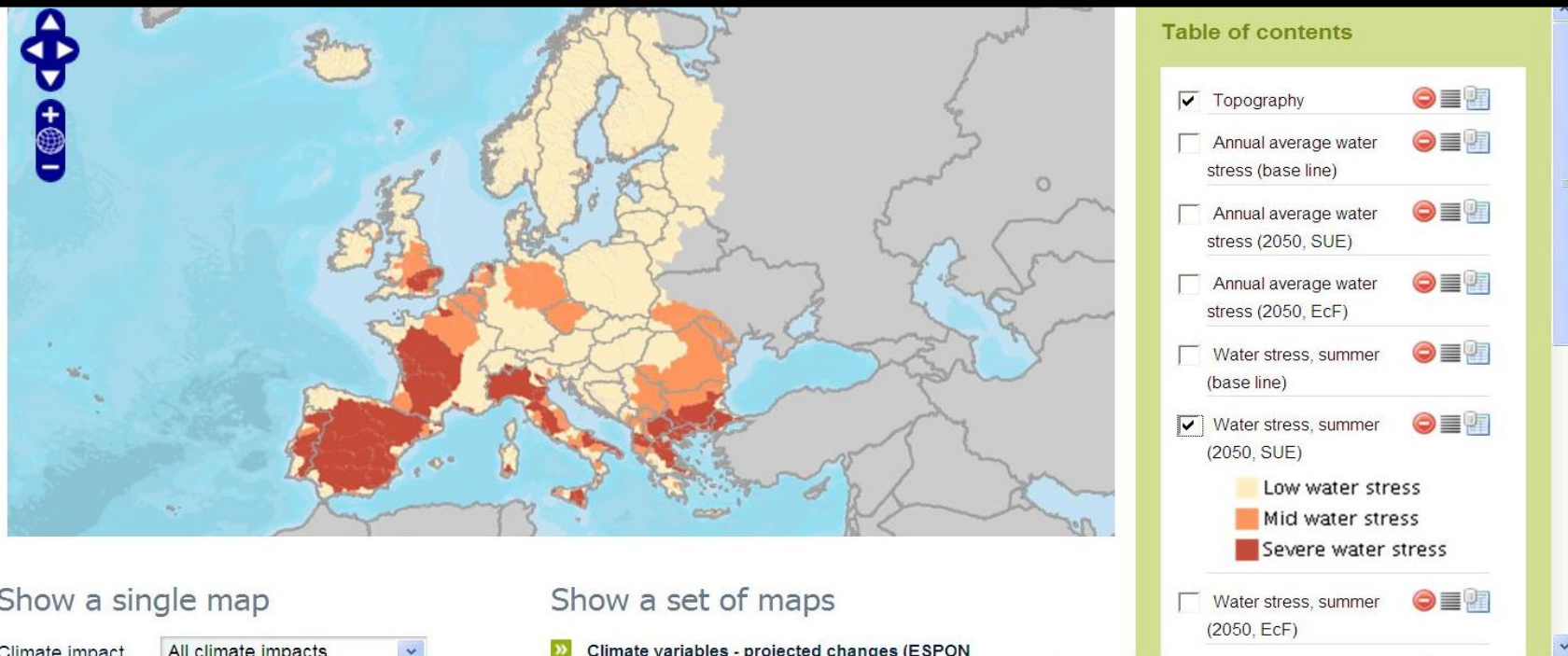
Each sector page presents relevant:

- Indicators of climate change
- Publications
- Research Projects
- Information resources

CLIMATE-ADAPT: water stress projections

Users of CLIMATE-ADAPT will be able to visualize the key results of ClimWatAdapt, a study which provide a comprehensive analysis of risks and vulnerability in the water sector.

This will allow the assessment of vulnerability to climate change impacts and adaptation measures in the water sector



Show a single map

Climate impact

Adaptation sector

- >> Annual average water stress (2025, EcF)
- >> Annual average water stress (ClimWatAdapt project)

Show a set of maps

- >> Climate variables - projected changes (ESPON Climate Change project)
- >> Terrestrial vulnerability and risk (ESPON Climate Change project)
- >> Vulnerability and risk for the water sector (ClimWatAdapt project)



Thanks

<http://climate-adapt.eea.europa.eu>

*Climate
Action*