

ECRAN Workshop 03 June 2015 Zagreb

The European Climate Adaptation Platform (Climate- ADAPT) – participation and possibilities for ECRAN-countries

Kati Mattern (EEA)



Photo: EEA

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Introduction or reminder: Climate-ADAPT framework

Mandate:

- Supports developing and implementing adaptation strategies, policies and actions

Users:

- Experts working on different government levels (EU, transnational, national, sub-national)
- Governmental decision makers
- Organisations providing them support
- Boundary organisations and research institutes

Maintenance:

- Funded and carried out by EEA with DG CLIMA, supported by ETC/CCA

Further Development:

- Funded by DG CLIMA



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Use information - Key features of Climate-ADAPT

The screenshot shows the Climate-ADAPT website interface. Callouts point to the following features:

- EU policy and funding:** Points to the 'EU Adaptation Policy' link in the top navigation bar.
- AST:** Points to the 'Adaptation Support Tool' link in the 'New to adaptation?' section.
- Search for case studies:** Points to the 'Find case studies on adaptation in Europe' link in the 'What are European countries doing?' section.
- Database search:** Points to the 'SEARCH THE CLIMATE ADAPTATION DATABASE' section on the right, which includes search filters for Terms, Sectors, and Country.
- Country profiles:** Points to the 'Choose a country' dropdown menu in the 'What are European countries doing?' section.

The website footer includes the URL eea.europa.eu and the European Environment Agency logo.

Section EU Adaptation Policy

- Overview on EU Adaptation Policy and subpages on
-the EU strategy,
- ...on mainstreaming of adaptation in EU policies (9 sectors)
-funding via LIFE Programme, ESI funds, Horizon 2020

The screenshot shows the 'ESI Funds' section of the Climate-ADAPT website. It details the role of the European Union budget in promoting climate action across various sectors. The text mentions that climate action objectives represent at least 20% of EU spending in the period 2014-2020 and are reflected in the appropriate instruments that will enhance Europe's competitiveness and create more and greener jobs.

ESI Funds

The EU budget has an important role to play in promoting climate action in all sectors of the European economy, and in catalysing the investment that will be required to meet the climate targets and ensure climate resilience. Climate action objectives represent at least 20% of EU spending in the period 2014-2020 and therefore be reflected in the appropriate instruments that will enhance Europe's competitiveness and create more and greener jobs.

The 3 European Structural and Investment Funds (ESI Funds), which account to one third of the EU budget, comprise:

- Cohesion Fund
- European Social Fund
- European Regional Development Fund
- European Agricultural Fund for Rural Development
- European Maritime and Fisheries Fund

With regard to climate action, the ESI Funds will contribute to:

- Ensuring that Member States and the EU comply with their mitigation commitments and contribute to global climate change mitigation.
- Ensuring the resilience of Europe to climate change.
- Capitalising on the business opportunities resulting from a growing global demand for cost-efficient and effective adaptation and mitigation solutions.

The Commission has published a series of factbooks providing further details on the ESI Funds structure and objectives in relation to climate change.

There are two sets of Fact Sheets:

Fact sheet	Potential for Climate Action	Assessment of Climate Action
Cohesion Fund	http://ec.europa.eu/climate/policies/efr/efr_climate_en.pdf	http://ec.europa.eu/climate/policies/efr/efr_climate_en.pdf
European Social Fund	http://ec.europa.eu/climate/policies/esf/esf_climate_en.pdf	http://ec.europa.eu/climate/policies/esf/esf_climate_en.pdf
European Regional Development Fund	http://ec.europa.eu/climate/policies/erdf/erdf_climate_en.pdf	http://ec.europa.eu/climate/policies/erdf/erdf_climate_en.pdf

Tools section: Adaptation Support Tool

- Aligned with EU Adaptation Strategy's Guidelines on developing adaptation strategies
- Additional information on the use of the tool
- Refined sub-structure of the steps
- city specific guidance highlighted
- Updated resources for each step retrieved from database
- Additional check list on every step
- Dedicated section on funding



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Tools section: Urban Adaptation support tool

- Launched 14 October 2014 in Brussels (Mayors Adapt Signatory event)
- very detailed guidance, consulted with stakeholders
- Feedback option



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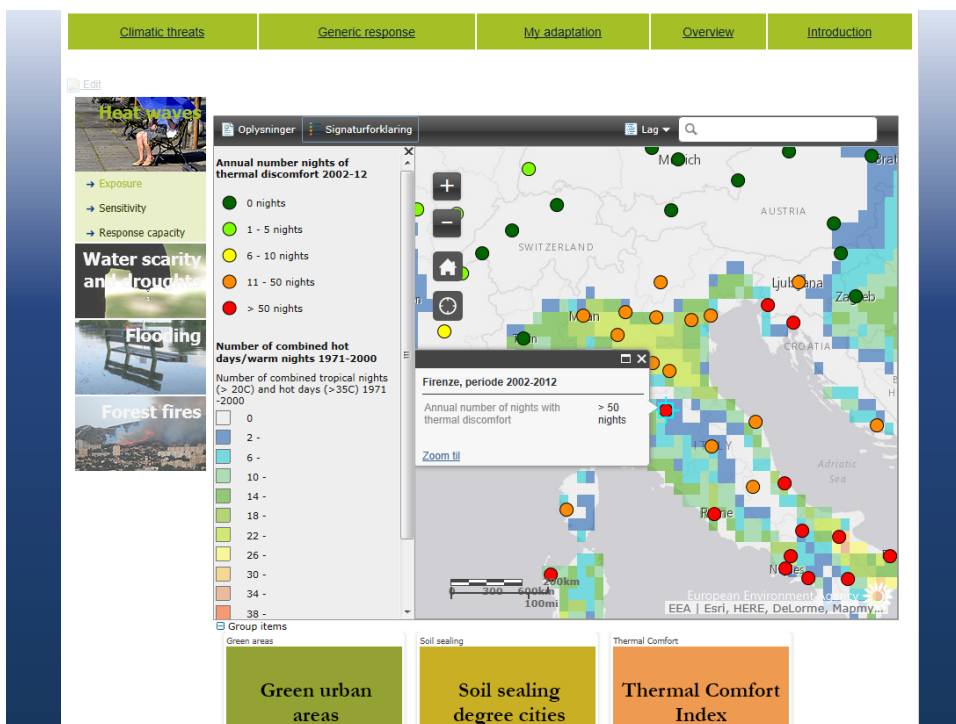
New tool : Urban vulnerability maps

- Launch: 09 June 2015
(Resilient cities conference, Bonn)
- Interactive maps based on European data
- urban specific climatic threats: heat waves, floods, water scarcity and droughts, forest fires
- maps on exposure, sensitivity, response indices



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Tools: Inspiring case studies on implemented actions

- ✓ Show that adaptation initiatives are already **in place** in Europe, in particular at the local and regional levels
- ✓ Disseminate the concept of adaptation and provide **concrete examples** of design and implementation of adaptation options
- ✓ Support regional and local decision makers to cope with vulnerabilities to climate change through **successful approaches**




Master Plan for coastal safety in Flanders - Belgium



Green spaces and corridors in Stuttgart - Germany

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CLIMATE-ADAPT

European Climate Adaptation Platform

Sign In | Glossary | Contact | Sitemap | Legal notice | About | Help

Search the website

Home | Adaptation information | EU sector policies | Countries, regions and cities | Tools | Links | Search the database | Newsletter

→ General

→ Uncertainty guidance

→ Adaptation support tool

→ Guidelines for project managers

→ Case study search tool

→ Map viewer

Case Study Search tool ?

Dessau

Dessau, Sachsen-Anhalt, Deutschland

Dessau, Sachsen-Anhalt, Deutschland

Dessau

Display Options

Climate Impacts:
All climate impacts

Adaptation Sectors:
All adaptation sectors

Legend

Your selected location

Featured case study in similar biogeographical region

Case study in similar biogeographical region

Featured case study in non-similar biogeographical region

Case study in non-similar biogeographical region

Your biogeographical region

Share your information

Case Study Search Results

Case studies in similar biogeographical region

Urban storm water management in Augustenborg, Malmö

Lower Danube Green Corridor: floodplain restoration for flood protection

Stuttgart: combating the heat island effect and poor air quality with green ventilation corridors

Integrated System for the Safeguard of Venice and its Lagoon against flooding (MOSE)

Beach nourishment as a successful measure against erosion, Rostock - DE

★ FEATURED

★ FEATURED

★ FEATURED

★ FEATURED

★ FEATURED

New!

New!

New!

New!

New!

Searchable data base: case studies

- Strict criteria for the selection, like only implemented action
- Local contact is obligatory, and the case study is quality checked by this contact
- Detailed content description and pictures
- Success factors
- Cost-benefit information
- Links to generic adaptation options



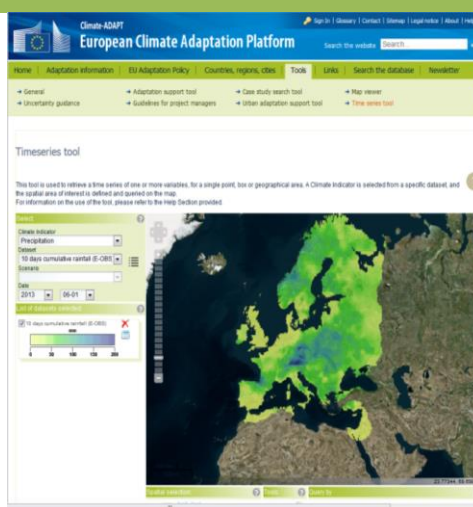
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New tool : spatial and temporal specification of climate data

- Previously *static* sets of climate data from ENSEMBLES, ClimWatAdapt and ESPON projects together with a subset of JRC products are presented through the Climate-ADAPT Map viewer portal
- Now *time series* of observations and projections of selected climate indicators and datasets presented through the time-series tool developed by JRC
- Will be accessible from other Climate-ADAPT sections



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Time series tool – metadata available

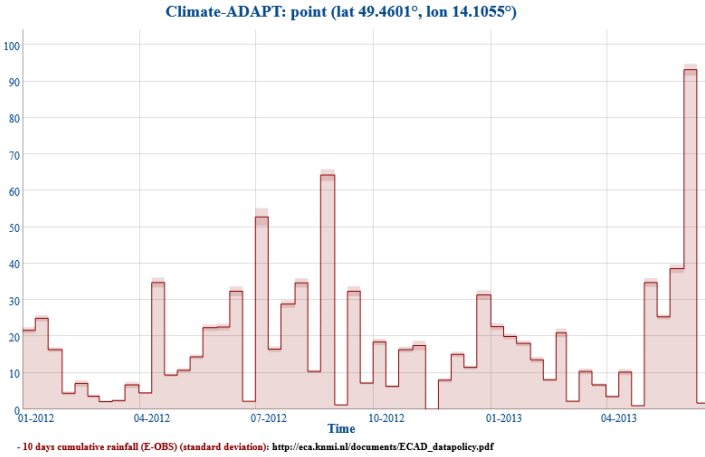
- Presentation of metadata for the selected datasets
- title,
 - date,
 - date type,
 - presentation form,
 - abstract
 - purpose,
 - Status of the data ,
 - Contact info
 - maintenance and update frequency,
 - key words,
 - spatial representation type,
 - data use policy



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Time series tool – query by point



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Section Adaptation Information

Section with diverse content:

- Adaptation strategies map with links to country pages
- resources for observations/scenarios, vulnerabilities/risks
- Menu for generic adaptation options
- Meta data for important European research projects
- uncertainty guidance



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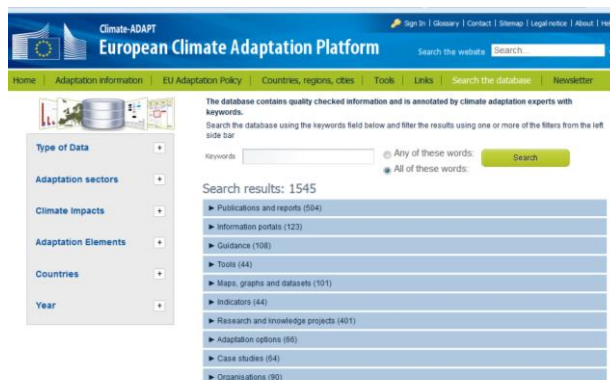
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The quality assessed database – item types

Database criteria:

- relevance for adaptation
- Relevance at European level
- Understandable for all European users (in English, at least with an English summary)



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Outlook: Climate-ADAPT Work plan (2013-2018)

year	Content priorities	Functionality/tools priorities
2014	<ul style="list-style-type: none">• EU policy /funding• AST update• Dissemination	<ul style="list-style-type: none">• Develop cities submission forms and map-based search tool• Improve spatial climate data
2015	<ul style="list-style-type: none">• City information• Reporting under MMR	<ul style="list-style-type: none">• Overview on country information• User interactivity
2016	<ul style="list-style-type: none">• Content links with Copernicus Climate Services	<ul style="list-style-type: none">• Functionality links with Copernicus Climate Services
2017	<ul style="list-style-type: none">• Content evaluation and revision related to EU Adaptation Strategy	<ul style="list-style-type: none">• Functionality evaluation and revision related to EU Adaptation Strategy
2018	<ul style="list-style-type: none">• Develop/Implement new content required from revised EU Adaptation Strategy	<ul style="list-style-type: none">• Develop/Implement new functionalities required from revised EU Adaptation Strategy



Next steps: Improvements in preparation

Cities:

- Inclusion of Mayors Adapt signatory cities’ profiles, accessible via interactive map

Tools:

- Interactive map book on urban vulnerability (early 2015)

Adaptation information section

- Updated uncertainty guidance in preparation first quarter (2015)

Data base

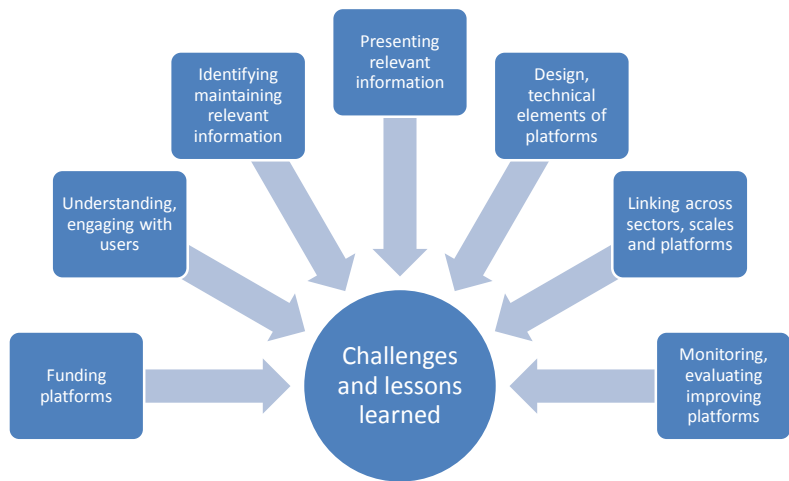
- Improved adaptation options
- More case studies in preparation (8), in revision (2), growing supporting external case studies (7)

Functionalities:

- Improved search function
- Improved help functions



Overview on adaptation platforms in Europe
(EEA Technical Report, published 12 May 2015)



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Share information - Key features of Climate-ADAPT

Country profiles

submissions

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Share information from your countries

Submission of database items:

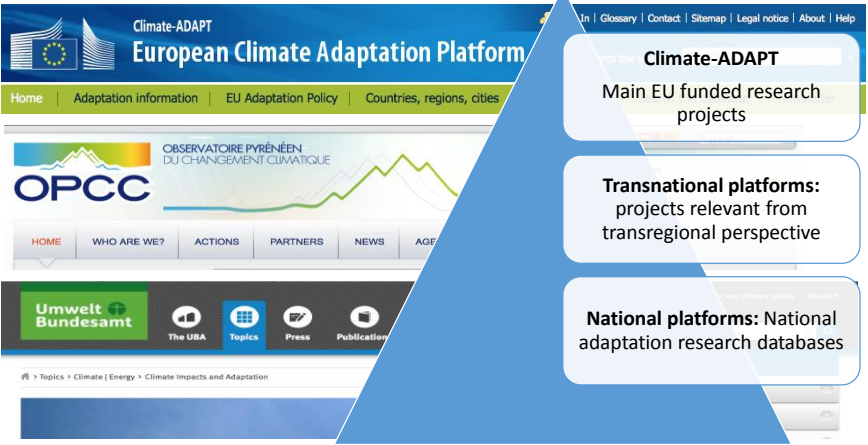
- Publications/ reports
- Research and knowledge projects
- Guidance
- Case studies
- Organizations



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Outlook: consider complementarities between Climate-ADAPT and national level platforms



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Section: countries, regions, cities

Climate-ADAPT country profiles:

- One of the most visited pages
- Highlighted at the homepage
- Updated by Member states on a voluntary basis
- Inclusion of information reported by countries under the EU Monitoring Mechanism Regulation (MMR) (art 15 on national adaptation actions)
- Expected update: after EEA quality assurance and individual consultation with countries 2015

The screenshot shows the Climate-ADAPT website interface. At the top, there's a navigation bar with links like 'Home', 'Adaptation information', 'EU Adaptation Policy', 'Countries, regions, cities', 'Tools', 'Links', 'Search the database', and 'Newsletter'. Below this, a sidebar on the left allows users to 'Choose a country' from a dropdown menu. The main content area is titled 'Belgium' and includes tabs for 'Local framework', 'Assessments', 'Priority sectors', 'Local actions', 'Summary', and 'Contact'. The 'Local framework' tab is active, displaying text about Belgium's national climate change policy, the National Climate Change Policy (NCCP), and the National Adaptation Plan (NAP). It mentions that the NCCP was adopted in 2009 and the NAP in 2014, and that the NAP is being updated to include a section on adaptation. The text also highlights the importance of adaptation in the context of climate change and the role of the EEA in supporting member states.

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Be informed about Climate-ADAPT

The screenshot shows the front page of the Climate-ADAPT European Climate Adaptation Newsletter. The header features the European Union flag and the text 'CLIMATE-ADAPT European Climate Adaptation Newsletter'. Below the header, there's a section titled 'Your update on Adaptation to Climate change in Europe' with a date of 'Issue March 30, 2015'. The main content area is divided into two columns. The left column contains a 'News' section with a sub-header 'EU policies and EEA activities'. It lists two main items: '1. European Environment - State and Outlook 2015' and '2. New financial instrument to address climate challenges'. The right column features a large image of 'THE EUROPEAN ENVIRONMENT STATE AND OUTLOOK 2015' with a caption 'Photo: EEA'. Below this, there's a section titled 'EU research news' with a sub-header '5. Adaptation research in Europe - an analysis'. The newsletter also includes a 'Read more...' link and a 'Subscribe' button.

This screenshot shows the detailed content of the Climate-ADAPT Newsletter. It includes a search bar at the top right. The main content area is divided into several sections. The first section is titled 'The European Commission's DG for Research & Innovation recently held an event to launch the European Roadmap for Climate Services'. This is followed by a section titled '4. Information on funding adaptation improved', which discusses funding opportunities at the EU level via Life Climate Action, ESF funds, and the Urban adaptation support tool. Below this, there's a section titled 'EU research news' with a sub-header '5. Adaptation research in Europe - an analysis'. The newsletter also includes a 'Read more...' link and a 'Subscribe' button.

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Further exchange on Climate-ADAPT

- EEA Eionet Workshop 15/16 June 2015, Copenhagen
- Webinar on Climate-ADAPT development, End October 2015
- Various European conferences and workshops
- Individual exchange



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Thank you



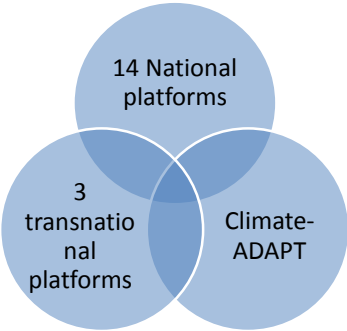
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Overview on adaptation platforms in Europe
(EEA Technical Report, published 12 May 2015)

- Varying mandates, target audiences, operational models, content, and functionalities
- Understand complementarity



ADAPTATION PLATFORMS	2007	2008	2009	2010	2011	2012	2013	2014
NATIONAL								
Belgium								
Denmark								
Finland								
France								
Germany								
Hungary								
Ireland								
Spain								
Sweden								
The Netherlands								
Poland								
Switzerland								
Norway								
United Kingdom								
TRANSNATIONAL								
Alpine Region								
Baltic Sea Region								
EUROPEAN								
Climate-ADAPT								
Legend								
Platform in development								
Platform live								

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The EU Strategy in a Nutshell

Priority 1: Promoting action by Member States

- Action 1. Encourage MS to adopt Adaptation Strategies and action plans
- Action 2. LIFE funding, including adaptation priority areas
- Action 3. Promoting adaptation action by cities along the Covenant of Mayors initiative



Priority 2: Better informed decision-making

- Action 4. Knowledge-gap strategy
- Action 5. Climate-ADAPT



Priority 3: Key vulnerable sectors

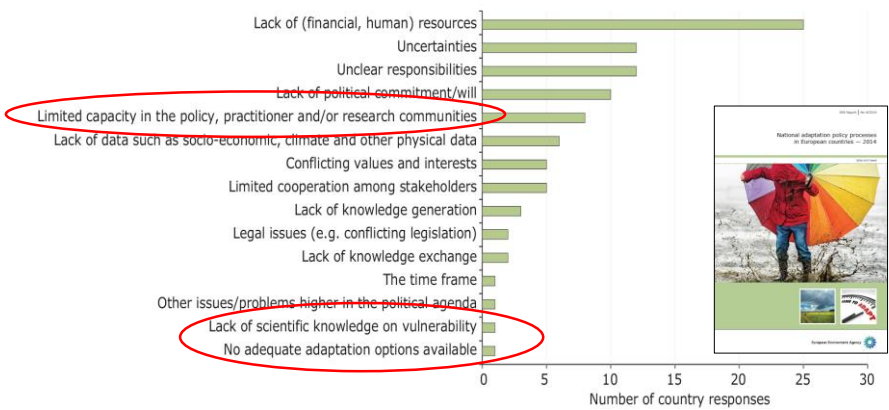
- Action 6. Climate proofing the Common Agricultural Policy, Cohesion Policy, and the Common Fisheries Policy
- Action 7. Making infrastructure more resilient
- Action 8. Promote products & services by insurance and finance markets



Climate
Action

Addressing barriers to adaptation at national level
(EEA report 2014)

Figure 2.2 Barriers to adaptation (Question 11; 29 responding countries)

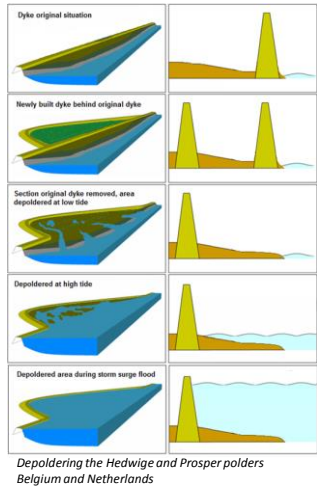


Case studies coverage and gaps

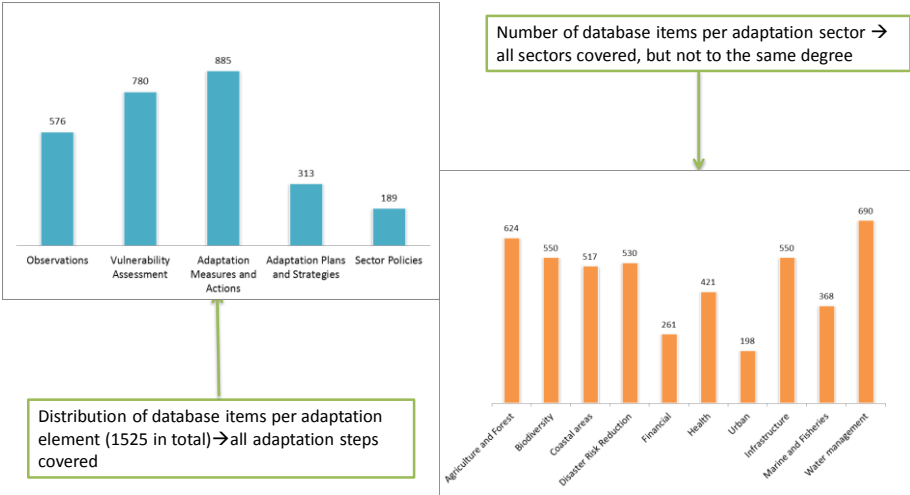
High number of Coastal Areas case studies
The distribution of “new” case studies is more balanced
Major gaps: Health, Marine and Fisheries and Financial sectors

Flooding and Sea Level Rise are the most frequent impacts
Minor gap: Water Scarcity
Major gaps: Ice and Snow related impacts

Minor gaps: Baltic Sea and Atlantic Coast (new case studies)
Major gaps: Black Sea and Alpine Space
25 countries (over 41) are represented by at least a case study



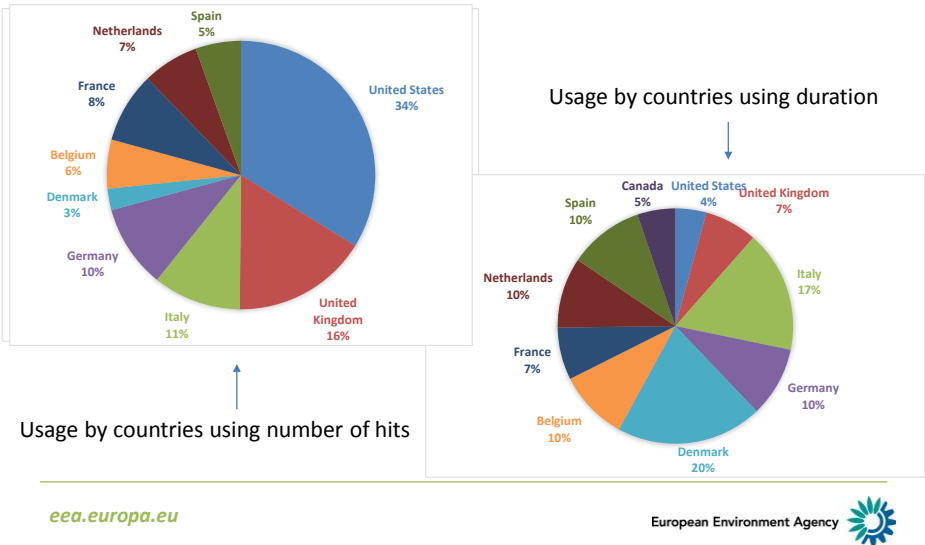
Addressing user feedback: Example Database update



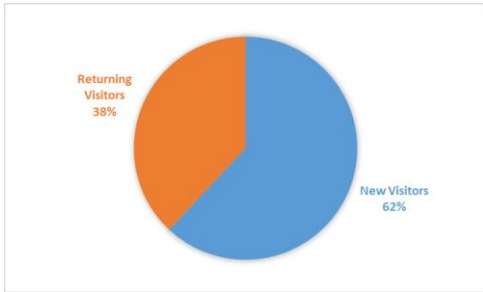
Overview on user feedback

User groups	Summary of feedback
Across all user groups	Very valuable content, but not user friendly enough
National level users with experience in adaptation policy	<ul style="list-style-type: none">Climate-ADAPT already supported national/sub-national level adaptation policy and actionSpecific sections very helpful (e. g., country profiles, European level vulnerability maps)Information on limits and boundaries of information neededClimate change, impacts, and vulnerability maps helpful, but high resolution not necessaryCase studies very helpful, but need for best practice standardsClarify links to climate services and disaster risk reduction platforms
National level users with less experience in adaptation policy	<ul style="list-style-type: none">Content too complexDrought/heat related information not sufficiently representedInformation from Eastern and Southern European countries not sufficiently represented
City/regional level users	Information in national languages needed
Scientific community	Information not fully up-to-date

Additional information: Web statistics (access by countries)



Additional information: Web statistics (Returning visitors)



Share of returning visitors is low 38 %. Why?

1. After the first visit the expectations of a typical user are not met, thus the majority of users do not return
2. Climate-ADAPT is well advertised in the CCA community thus the flow of new users on the page remains high.

Important sources of user feedback



Exchange with member states (NRC's)

- Annual Eionet workshops (EEA, Copenhagen)
- Climate-ADAPT Webinars (April , October 2015)



Dedicated expert workshops

- Copenhagen 2013, 2014
- Vienna 2013



DG CLIMA funded Science Policy workshops

- 8 countries involved (BG, CZ, SL, RO, LI, EE, LA, PL, HU, CR, SI, GR)

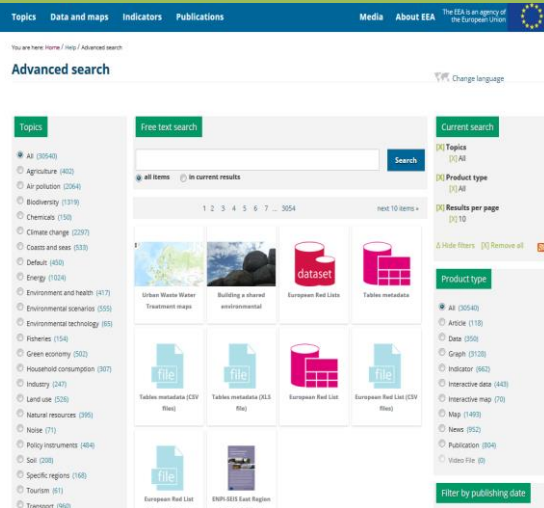
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Addressing user feedback – Improving the user friendliness of the platform

- „Faceted“ search
- Printing of documents and database items
- Visualize the added value of the next navigation step (add contextual information)



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