



Update on the EU Adaptation Strategy

Presented by Claus Kondrup, European Commission, DG Climate Action
at the ECONADAPT Workshop, Brussels, 27-28 September 2016



EU Strategy on Adaptation to Climate Change



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

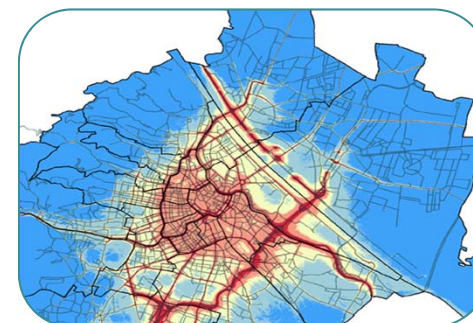
Action 3. Promoting adaptation action by cities along the Covenant of Mayors initiative



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



Implementation of the EU Adaptation Strategy and alignment with Paris Agreement



Three years implementing the EU Adaptation Strategy: broad, challenging and a good first step

- Working with EU member states' and local level action: from 50% (2013) to 75% MS (2016) have an Adaptation Strategy.
- Mainstreaming into relevant policies and into funds: 20% EU budget and policy mainstreaming
- Research and innovative approaches towards better informed policy making

And Paris came! New vision and new opportunities for adaptation:

- Balanced approach to mitigation/adaptation
- Adaptation part of the Global Stocktake in 2023
- Need to align to UNFCCC cycle and reporting requirements
- Need to refocus, steer and align international process with domestic efforts

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- **Adaptation priorities:**

- Vulnerable areas indicated in the EU Adaptation Strategy: cross-border floods and coastal management, urban environment, mountain and island areas, drought-prone areas (water, desertification, fire risks)
- Green infrastructure and ecosystem-based approaches
- Vulnerability assessments and adaptation strategies, including those with a cross-border nature
- Urban adaptation projects are encouraged for traditional action grants (e.g. green infrastructure; innovative adaptation technologies; elaboration and implementation of (local) adaptation strategies and action plans)
- About **€ 800 million** for climate action projects in 2014-2020 (an even split between mitigation and adaptation)
- **Yearly Calls** for proposals (open each Spring): Open now until September (<http://ec.europa.eu/environment/life/funding/life2016/index.htm>)
- **Natural Capital Financing Facility** (NCFF, with EIB): leverages private funding for ecosystem based approaches

LIFE: <http://ec.europa.eu/environment/life/index.htm>

NCFF: <http://www.eib.org/products/blending/ncff/index.htm>

Covenant of Mayors for Climate & Energy



European Commission

6,956
Signatories

Heralded as the “world’s biggest urban climate and energy initiative” by Commissioner Miguel Arias Cañete, the Covenant of Mayors for Climate & Energy brings together thousands of local and regional authorities voluntarily committed to implementing EU climate and energy objectives on their territory.

New signatories now pledge to reduce CO₂ emissions by at least 40% by 2030 and to adopt an integrated approach to tackling mitigation and adaptation to climate change.

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REPRESENTING
600 MILLION PEOPLE
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of MAYORS**

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FIGHTING CLIMATE CHANGE**

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Climate-ADAPT - Sharing adaptation information across Europe

European Climate Adaptation Platform

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- Countries, regions, cities ▾
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About 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](#)



Adaptation support tool

New to adaptation?
Use the Adaptation Support Tool

News

» 16 Sep 2016, Regional

What are European countries doing?

Choose a country ▾

Events

» 12 Oct 2016, Covenant of

Find case studies on adaptation in Europe

Newsletter

Check the European Climate

Share your information

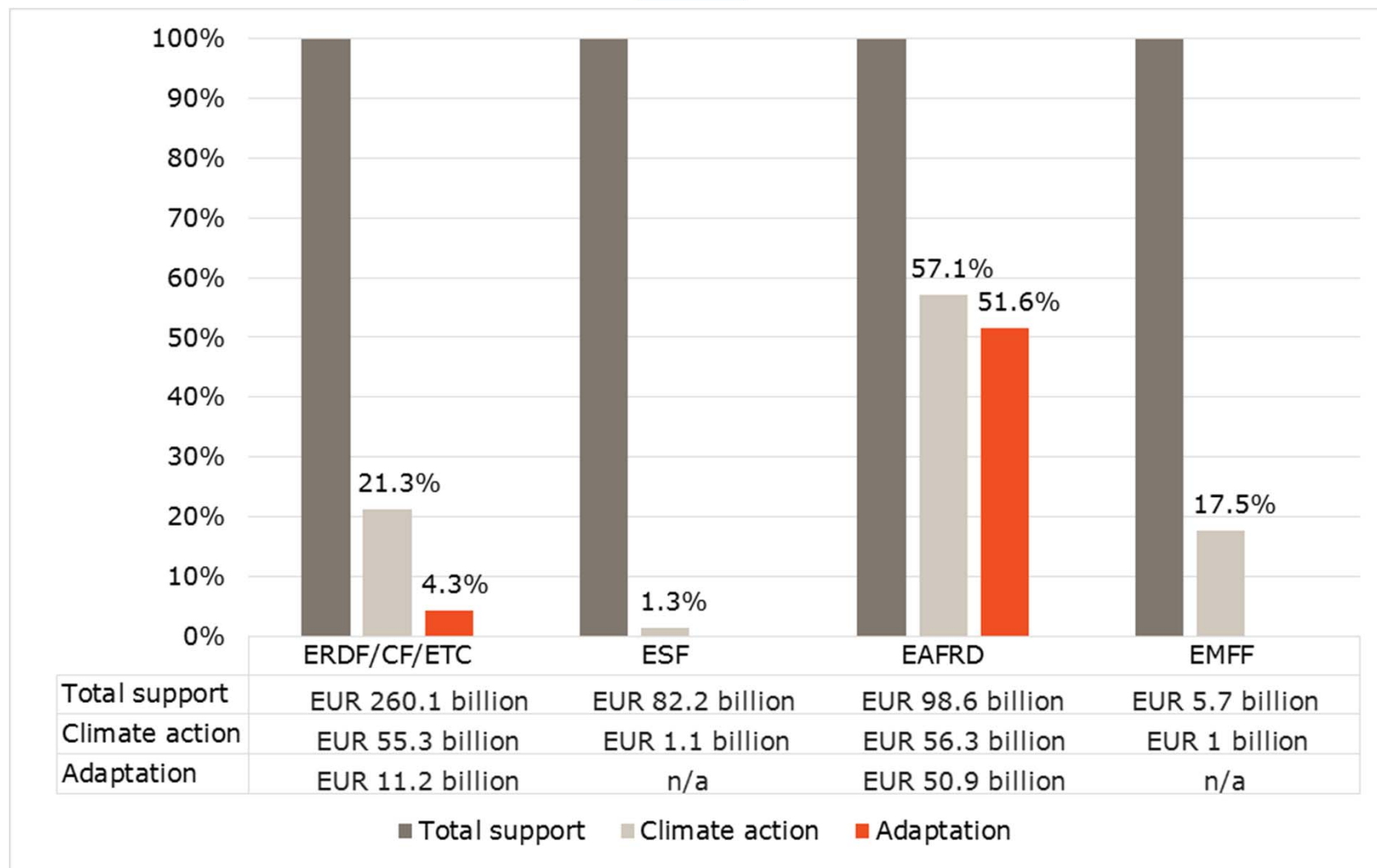
Latest updates

Check the latest updates in the

Mainstreaming climate action into European Structural and Investment Funds 2014-2020



Preliminary results from ongoing analysis



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Climate Change and Major Projects in the 2014-2020 programming period



Climate resilient infrastructure



Climate Change and Major Projects

Outline of the climate change related requirements and guidance for major projects in the 2014-2020 programming period

Ensuring resilience to the adverse impacts of climate change and reducing the emission of greenhouse gases

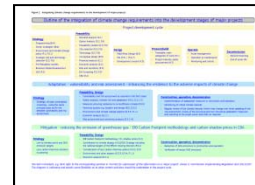
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http://ec.europa.eu/clima/publications/docs/major_projects_en.pdf

European Commission



Introduction
(major projects, climate change, ...)



Project cycle, integrating climate change



Adaptation:
vulnerability and risk assessment



Mitigation: EIB Carbon footprint methodology + carbon shadow price in CBA



Information on a major project (climate aspects)



Legal and other **references** and explanatory footnotes

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- **Assessment of climate change risks and the integration of appropriate adaptation measures** in order to promote climate resilience **are essential steps in project development.**
- A climate change adaptation assessment is usually **more effective when initiated at an early stage** of project development so that **appropriate adaptation measures can be built into project planning, design, operation and maintenance** in order to promote climate resilience.
- **Climate change adaptation should be considered in upstream planning and policymaking** in order to set a clear context for interventions at the project level.





Workshop 5-6 October 2016: Insurance, DRR and climate change:

- The protection gap
- Increasing resilience, using insurance mechanisms
- Awareness, data and risk disclosure
- Efficiency of insurance

Contract on insurance and climate related extreme weather events:

- Take stock of insurance mechanisms covering weather and climate related disaster risks, applied in (and beyond) the EU
- Determining cost effectiveness of insurance mechanisms
- Analysis of which mechanisms incentivise prevention of risk and support damage reduction
- Definition of next steps in insuring weather and climate related extreme events



- Examines the actual implementation and the achievements of the objectives and the eight Actions of the EU Adaptation Strategy.
- Assess the relevance, effectiveness, efficiency, coherence and EU added value of the overall Strategy, and
- Assess the actual state and progress in the implementation of the 8 actions against what could reasonably expect to have been achieved by end 2016.
- Two interim reports and a final report in 2018
- The Roadmap of the evaluation is published: http://ec.europa.eu/smart-regulation/roadmaps/docs/2016_clima_011_evaluation_adaptation_strategy_en.pdf
- Currently in tendering process, contract will start Nov/Dec. 2016
- Two stakeholders workshops (~February and ~September 2017)
- One web based public consultation (~September 2017)
- Interviews and surveys with different stakeholders groups (including MS, EU Institutions, NGOs, private sector, local/regional Authorities)
- A Stakeholders Strategy, with more detailed information, will be published February 2017

Action 1: Encourage all Member States to adopt comprehensive adaptation strategies.



The adaptation preparedness scoreboard

- 2013 – Commission guidelines on formulating adaptation strategies, developing, implementing and reviewing national adaptation policies
- 2014 – The Commission develops "an adaptation preparedness scoreboard, identifying key indicators for measuring Member States' level of readiness". Developed in close consultation with MS authorities via WG6
- 2017 – The Commission assesses the general progress on adaptation action in the MS

Timetable:

- 2014/2015: 28 Country Fiches completed and consulted (initial pilot version)
- Ongoing: Pilot EU-wide analysis based on the 2015 fiches. Lessons learnt
- Next: October 2016: MS send updates for Climate-ADAPT country pages;
- Nov/Dec 2016: EEA updates Climate-ADAPT, Commission updates fiches
- Jan/Feb 2017: MS are invited to comment the draft national fiches;
- Feb/Mar 2017: Commission revises fiches taking comments into account
- Apr/May 2017: MS send updates on the transposition of the new EIA directive into national legislation

The adaptation preparedness scoreboard



Adaptation policy-making process	Main areas of performance		Key domains of relevance	
	N°	Definition	N°	Definition
Step 1: Preparing the ground for adaptation	1	A central administration body is in charge of adaptation policy making and vertical and horizontal coordination arrangements are in place with other governmental bodies	1a	A central administration body officially in charge of adaptation policy making
			1b	Horizontal (i.e. sectoral) coordination mechanisms exist within the governance system, with division of responsibilities
			1c	Vertical (i.e. across levels of administration) coordination mechanisms exist within the governance system
	2	Stakeholders (e.g. interest groups, scientists and general public) are involved in the preparation of adaptation policies	2a	A dedicated process is in place to facilitate stakeholders' involvement in the preparation of adaptation policies
			2b	Transboundary cooperation is planned to address common challenges with relevant countries
	Step 2: Assessing risks and vulnerabilities to climate change	...		
Step 3: Identifying adaptation options	...			
Step 4: Implementing adaptation action	...			
Step 5: Monitoring and evaluation	...			



http://climate-adapt.eea.europa.eu/eu-adaptation-policy/index_html/strategy

Thank you for your attention



Directorate-General for Climate Action ("DG CLIMA")

<http://ec.europa.eu/clima>

EU Strategy on Adaptation to Climate Change:

http://ec.europa.eu/clima/policies/adaptation/what/documentation_en.htm

http://ec.europa.eu/clima/policies/adaptation/index_en.htm

Fact sheets on climate mainstreaming in ESIF:

http://ec.europa.eu/clima/publications/index_en.htm#Mainstreaming

European Climate Adaptation Platform:

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

Covenant of Mayors for Climate & Energy:

http://www.covenantofmayors.eu/index_en.html

