



EU experiences

**In policy, funding and financing
instruments addressing Loss and
Damage**

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Part 1: The EU adaptation strategy

The EU Adaptation Strategy

Builds on:

The Sustainable Development Goals

The Sendai Framework

The Paris Agreement

The EU adaptation strategy

Deals with adaptation and resilience...

- Based on sectoral vulnerabilities according to MS priorities
- From policy point of view, on EU, international, regional, national and local levels
- In an integrated way

This means that financial instruments are part of the whole package

The EU Adaptation Strategy

- **Support EU member states' action**
- **Mainstreaming into policies**

Water

Health

Cities

DRR

Standards

International policies

EU External Action Service Global Strategy

- **Mainstreaming into funds, financial mechanisms and budgets**

20% of the EU budget: climate related expenditures

- **Research and innovative approaches to close our knowledge gap**

35% of the Horizon 2020 (€80 bln) research programme: climate related

Member States take Action

First priority in the Adaptation Strategy:

Member states embed adaptation to climate change in their national decision-making, policies, strategies

The aim: each Member State drafts a **National Adaptation Strategy** by 2017.



23 Member States have already realised their Strategies



Covenant of Mayors
for Climate & Energy

The new Covenant of Mayors for Climate & Energy: the supporting initiative by cities for cities

2015: New commitments

6,500+ signatory cities now pledge to:

- Reduce CO₂ (and possibly other GHG) emissions by at least **40% by 2030**
- Increase their resilience** by adapting to the impacts of climate change
- Translate their political commitment into local results by developing local **action plans** and **reporting** on their implementation

Funding and financing

Beyond **policies**, adaptation to climate change is mainstreamed into **EU funds** and financial instruments

EU Budget 2014-2020

At least 20% (\approx €200 bln) of the expenditure must be climate-related. This includes adaptation)

European Structural and Investment Fund

'Climate proofing' of projects, promoting climate change adaptation, risk prevention and management



LIFE & H2020

Cross-border **floods** management, coastal management, urban environment, mountain and island areas, **drought**-prone areas (water, desertification, fire risks) **H2020 → 35% climate related!**

ESIF: Climate proofing of (major) projects



- Project Context and Assessment Methodology
- Vulnerability Assessment
- Risk Assessment
- Identification and Appraisal of Adaptation Options
- Integration of Adaptation Measures and Residual Risk

Part 2: EU Contributions and examples

EU Support examples: thematic programmes

The Global Climate Change Alliance GCCA+:



- **Budget of over €300 mln**
- **Technical and financial support**
 - Climate adaptation in areas of outstanding natural beauty
 - GCCA+ Pacific Islands Forum support programme
 - GCCA+ Climate change resilience in Bangladesh
 - And many mitigation initiatives

EU support and contributions to programmes and initiatives

Multi-Donor Trust Fund covering Catastrophe Risk Insurance Facility (CCRIF)

African Risk Capacity

G7 initiative 'InsuResilience'

EU contributions to programmes contributing to Disaster Risk Reduction

- **ACP-EU Disaster Risk Reduction Programme and Global Partnership for Disaster Risk Financing Analytics**
- **Urban Resilience, with UNISDR and UN Habitat**



Financial instruments in the EU

The Natural Capital Financing Facility finances **biodiversity** conservation and **ecosystem-based adaptation** through

- **direct loans or financial intermediary,**
- **or an investment in an equity fund**

Project **categories**:

- **payments for ecosystem services,**
 - **green infrastructure projects**
 - **pro-biodiversity business**
 - **pro-adaptation businesses**
- **Coordination with**
 - OECD
 - European Financing Institutions Working Group on Climate Change Adaptation, Guidance on integrating adaptation into project development



Insurance in and outside the EU

Insurance of natural and man-made disasters

- **Policy needs explored in 2013**
- **Link to climate change: under construction**
 - Mechanisms leading to **risk reduction: local action by the insurance taker**
 - Optimizing efficiency in using insurance
 - Data interoperability and risk disclosure
 - Closing the coverage gap

Public/Private examples EU/non EU

Public Assets



Mexico:
FONDEN fund for natural disasters



Caribbean:
Caribbean and Central American Catastrophe Risk Insurance Facility

Private Assets Public Insurance Programs



Spain:
Consortio de Compensacion de Seguros



Turkey:
Turkish Catastrophe Insurance Pool

Private Assets Reinsurance Programs



UK: *Flood Re national flood pool*



Switzerland:
Intercantonal Reinsurance Union and Swiss Insurance Association Pool

Public private (awareness) initiatives in the EU

HORA in *Austria*: a natural catastrophe risk awareness tool

ZURS GEO in *Germany*: a zoning system for flood risk

Flood maps in the *Czech Republic*: a flood risk assessment tool

Mission Risques Naturelles in *France*:

- **Levy on the premium (currently 12%) finances the major natural risk prevention fund this fund subsidizes various individual or group prevention measures**
- **Studies and works to comply with national risk requirements**

<http://www.hora.gv.at/>

http://www.kompass-naturgefahren.de/platform/resources/apps/Kompass_Naturgefahren/index.html?lang=de

<http://www.cap.cz/en/calculators-and-applications/flood-maps>

<http://www.mrn.asso.fr/>

Many thanks for your attention

Financial instruments addressing climate resilience need to go hand in hand with taking preventive measures.



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Thank you!
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Thank you for your attention



Directorate-General for Climate Action ("DG CLIMA") <http://ec.europa.eu/clima>

Directorate General for International Cooperation and Development http://ec.europa.eu/europeaid/general_en

Directorate General for Research and Innovation <http://ec.europa.eu/research/index.cfm?pg=dg>

Directorate General for Humanitarian Aid and Civil Protection <http://ec.europa.eu/echo/>

The European External Action Service http://eeas.europa.eu/headquarters/headquarters-homepage_en

EU Strategy on Adaptation to Climate Change:

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

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

European Climate Adaptation Platform:

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

Covenant of Mayors:

www.covenantofmayors.eu

