



EU DISASTER MANAGEMENT: NEW TOOLS FOR POLICY MAKING

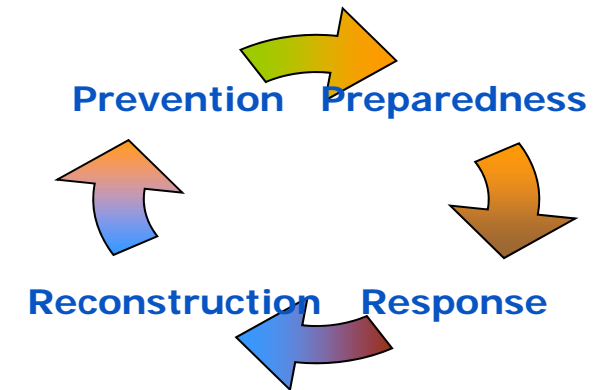
Geneva, 22 May 2013



EU disaster risk management framework

Political Base 2009 Communication and Council conclusions

- *Improving the Knowledge Base*
- *Promoting Risk Assessment*
- *Policy Integration and Investment*
- *Support to build a culture of disaster prevention*
- *International Cooperation*



Scientific support to DRR

The **Joint Research Centre** provides scientific support to **civil protection, humanitarian** and **development** policies

- Disaster Risk Reduction
 - Technical and institutional recommendations for **recording disaster losses** in Europe
 - Study for ECHO Civil Protection policy
 - Development of **Open Humanitarian Risk Index** for evidence-based humanitarian funding
 - Partners: Inter-Agency Standing Committee + donors
- DRR and Response
 - Technical and institutional recommendation for a **Natural Hazard Partnership**: interface between science and operations
 - Study for ECHO, with 6 Member States
 - **Operational scientific support** (early warning, monitoring, analysis)
 - Support to European Emergency Response Centre

EEA information on climate change ...

EEA Technical report | No 13/2010

Mapping the impacts of natural hazards and technological accidents in Europe
An overview of the last decade

ISSN 1725-2227
EEA Report | No 12/2012

Climate change, impacts and vulnerability in Europe 2012

An indicator-based report

Summary

ISSN 1725-9177
EEA Report | No 2/2012

Urban adaptation to climate change in Europe

Challenges and opportunities for cities together with supportive national and European policies

ISSN 1725-6177
EEA Report | No 3/2013

Adaptation in Europe

Addressing risks and opportunities from climate change in the context of socio-economic developments



European Environment Agency

CLIMATE-ADAPT
European Climate Adaptation Platform

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

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

Find case studies on adaptation in Europe

Share your information

News

- Jan 2013 New Baltic adaptation reports: gap-fit analysis, impact and vulnerability assessments
- Jan 2013 Danube river basin adaptation strategy adopted
- Jan 2013 Danish framework for climate change assessment adopted

Events

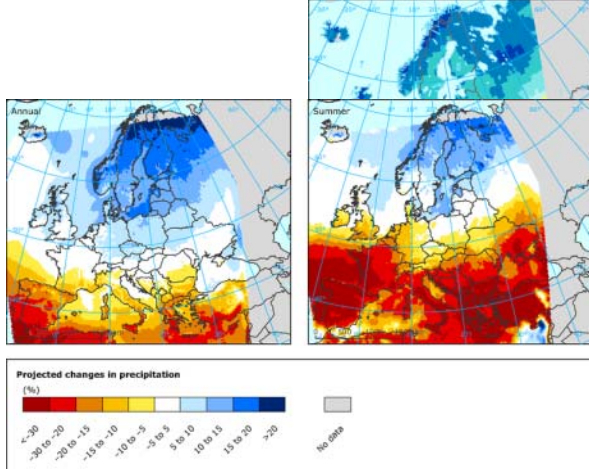
- 20-21 February, Mountains under watch - observing climate effects in the Alps, Aosta Valley, Italy
- 25 February 2013, FutureCities final conference - The future of our cities make them attractive and climate-proof, Harlow, UK

EU sector policies

- Agriculture & Forestry
- Water management

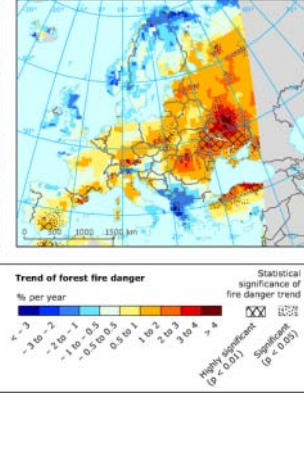
EU information systems

- WISE Water
- Biodiversity



Projected changes in precipitation (%)

- -30%
- -20% to -15%
- -15% to -10%
- -10% to -5%
- -5% to 0%
- 0% to 5%
- 5% to 10%
- 10% to 15%
- 15% to 20%
- >math>20\%</math>
- No data



Trend of forest fire danger

% per year

- -3%
- -2%
- -1%
- -0.5%
- 0%
- 0.5%
- 1%
- 2%
- 3%
- >math>4\%</math>

Statistical significance of fire danger trend

- Highly significant ($p < 0.01$)
- Significant ($p < 0.05$)



CLIMATE-ADAPT

European Climate Adaptation Platform

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

Search the website

Home | 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

- E
- C
- N
- A

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



Share your information

News



- » Jan 2013 New Baltic adaptation reports: gap-fit analysis, impact and vulnerability assessments
- » Jan 2013 Danube river basin adaptation strategy adopted
- » Jan 2013 Danish framework for climate change adaptation adopted

Events



- » 20-21 February, Mountains under watch - observing climate effects in the Alps, Aosta Valley, Italy
- » 26 February 2013, FutureCities final conference - The future of our cities: make them attractive and climate-proof, Hastings, UK

EU sector policies



Agriculture & Forestry

» [Read more](#)



Water management

» [Read more](#)

» [View all sectors](#)

EU information systems



Water



Biodiversity



Disaster risk reduction

Over the last few years, Europe has experienced severe forest fires, floods, and droughts with devastating effect on people's lives, the European economy and the environment.

In April 2013 the European Commission adopted a [Green Paper on insurance in the context of natural and man-made disasters](#).

[Read more](#)

Search results

- ▶ Publications and reports (66)
- ▶ Information portals (49)
- ▶ Guidance (33)
- ▶ Tools (7)
- ▶ Maps, graphs and datasets (28)
- ▶ Indicators (11)
- ▶ Research and knowledge projects (67)
- ▶ Adaptation options (18)
- ▶ Case studies (11)
- ▶ Organisations (26)

Indicators

- » Floods and health
- » Vector-borne diseases
- » Damages from weather and climate-related events
- » Storms
- » DRI - Disaster Risk Index
- » Precipitation extremes
- » Glaciers

[View all](#)

Resources

- » River Floods - Climatecost Technical Policy Briefing Note nr. 3
- » IPCC - Managing the Risks of Extreme Events and Disasters
- » Mapping the impacts of natural hazards and technological accidents in Europe
- » Implementing the Hyogo Framework for Action in Europe: advances and challenges 2009-2011
- » Investing for the future flood and coastal risk management in England. A long-term investment strategy
- » Climate Change Adaptation and Disaster Risk Reduction in Europe: A Review of Risk Governance
- » European risk prevention policy / Civil Protection Mechanism webpage

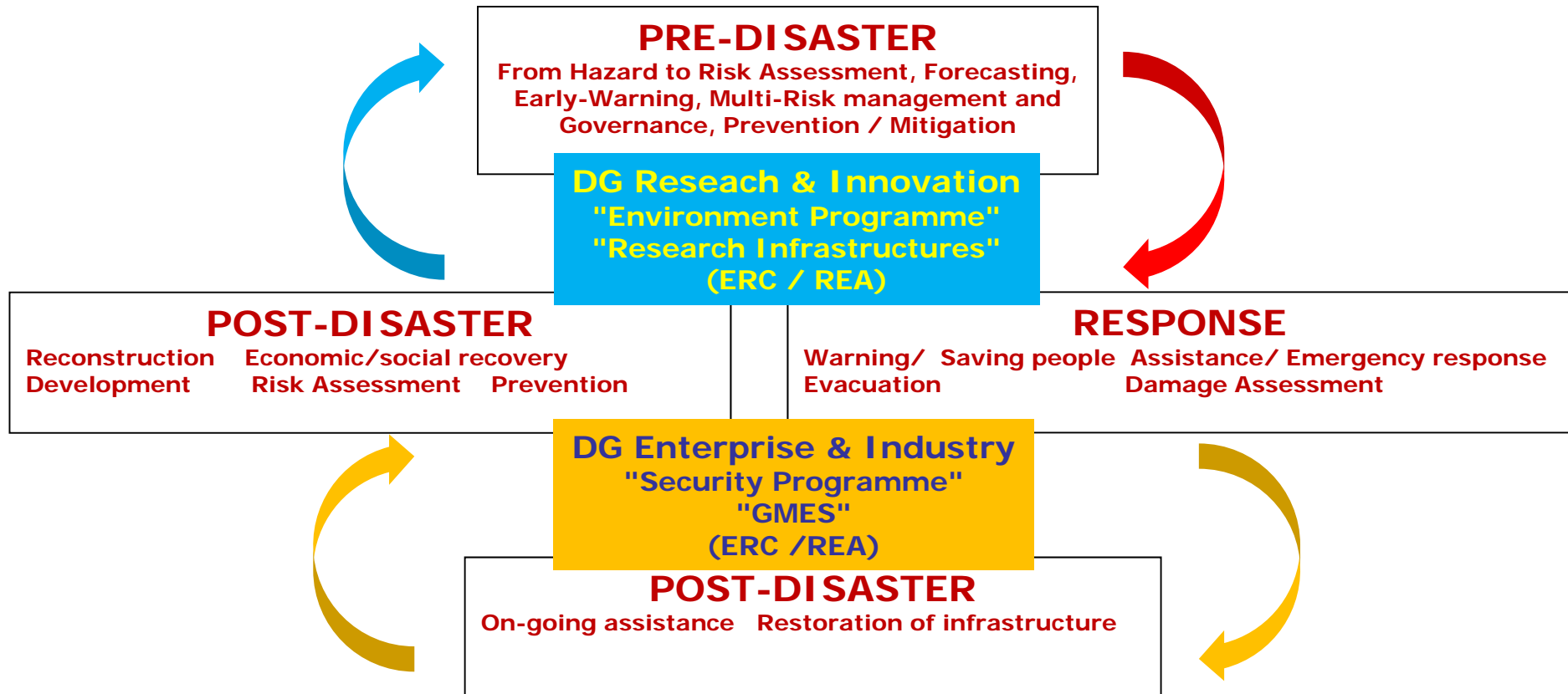
[View all](#)

Multimedia

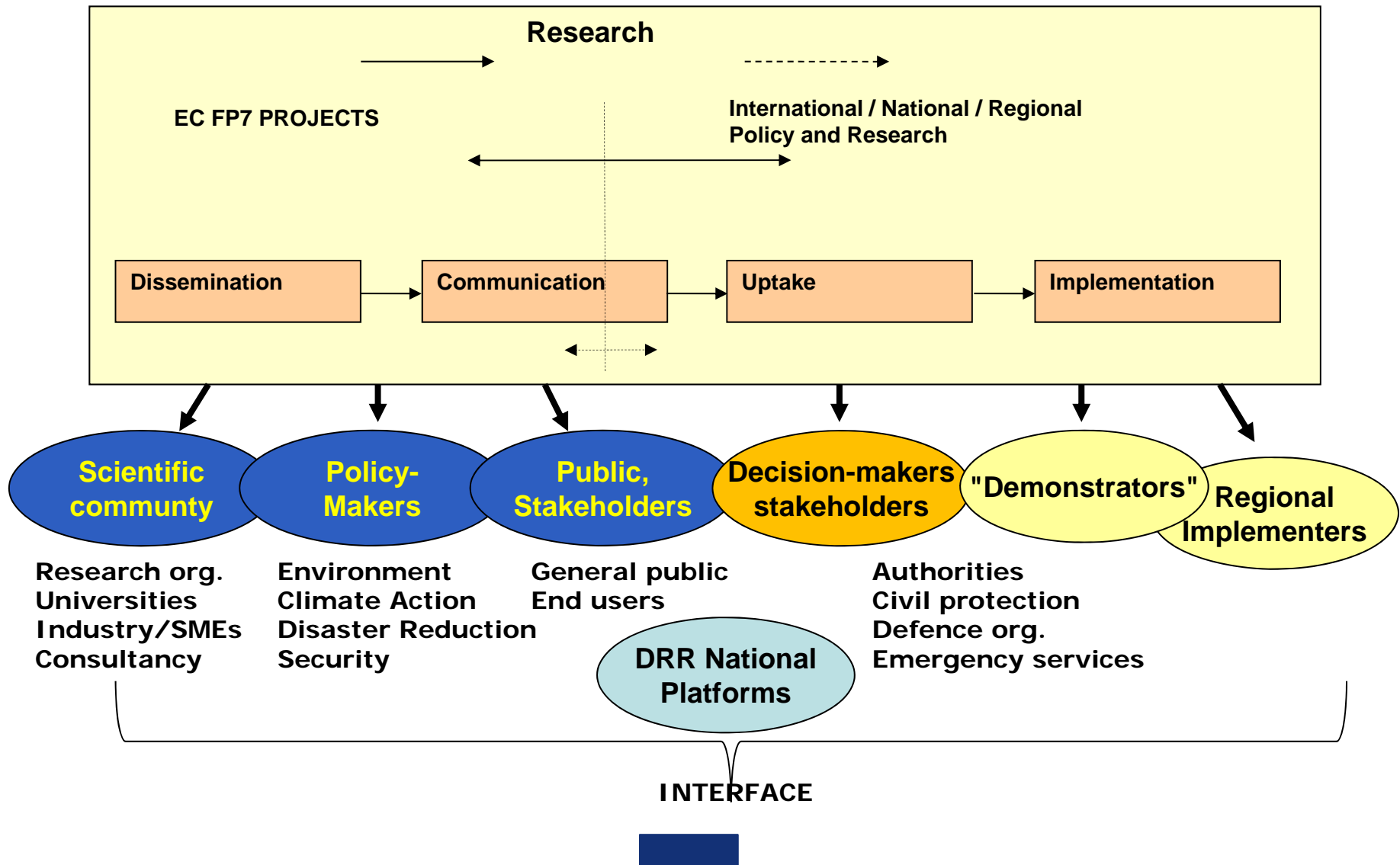
- » UNISDR
- » Reducing disaster risk in a changing climate
- » European Commission Humanitarian Aid and Civil Protection



Research contributing to the Disaster Risk Management Cycle



Research Implementation



Resilience

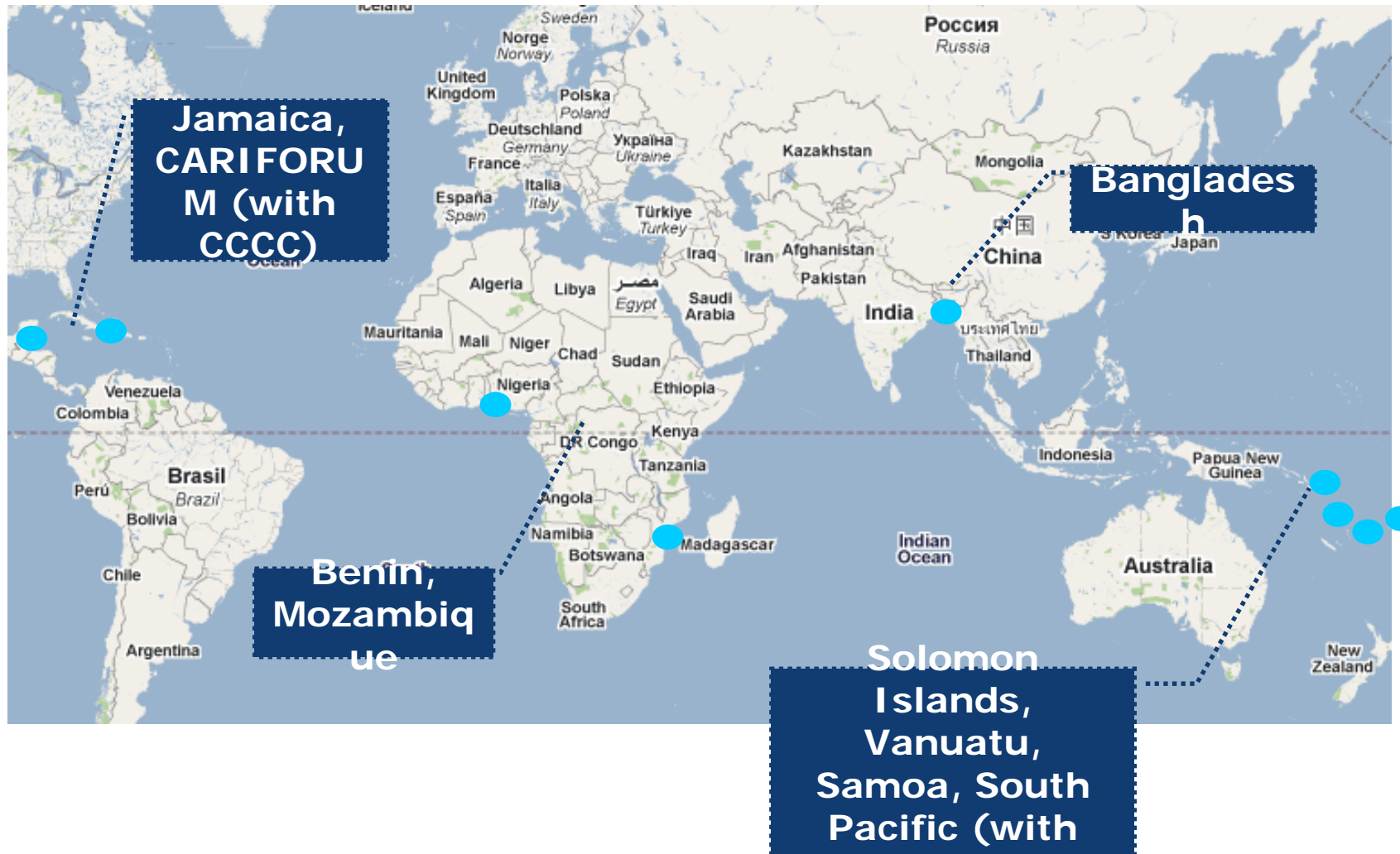
- *The need for change – A joint commitment to Act*
- *EC intentions – key objectives and principles*
- *The Resilience Action Plan – scope and components*
- *Status and Challenges*



"...Success will be a reduction in humanitarian needs and more equitable development gains"



European Commission



GCCA projects with a DRR focus



- Under the EU Global Climate Change Alliance (GCCA) priority actions on DRR is addressed in seven national programmes, including in Bangladesh, Benin, Jamaica, Mozambique, Samoa, Solomon Islands and Vanuatu.
- 2 regional components of GCCA specifically address DRR in SIDS, one for the Caribbean with CARIFORUM and one for the Pacific with the Pacific Islands Forum and the University of South Pacific (EUR 8 million each).
- Total GCCA contribution to projects in which DRR is considered a main area of focus: €60.8m

Global Climate Change Alliance



Main message:

"Increased integration of DRR and CCA strategies and priority actions implemented and replicated in partner countries"

More information :

- For more information and enquiries regarding specific GCCA-funded programmes, please refer to the website: <http://www.gcca.eu> or <http://www.gcca.eu/fr> (in French)
- Please address any general questions and messages about the GCCA and related activities to info@gcca.eu
- Information and questions related specifically to the GCCA's Intra-ACP Programme: <http://www.gcca.eu/intra-acp/> or <http://www.gcca.eu/fr/intra-acp> (in French) and pendomaro@acp.int



More information :

http://ec.europa.eu/echo/policies/prevention_preparedness/prevention_en.htm

