

Climate Adaptation in Europe

CIRCLE-2 Role

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www.circle-era.eu

- **Part 1 - CIRCLE-2 framework and activities**
- **Part 2 - Adaptation in Europe - challenges and lessons**
- **Conclusions and key messages**



Part 1 - CIRCLE-2 framework and activities



CIRCLE-2 is a European Network of **34 institutions** from **23 countries** committed to fund and share knowledge on Climate Adaptation research.

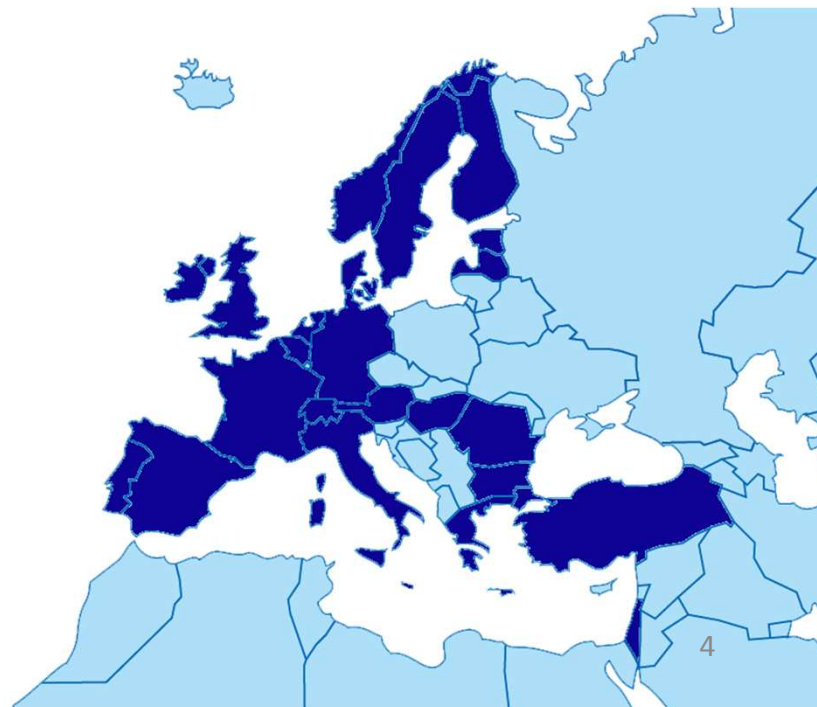
Project Name: Climate Impact Research & Response Coordination for a Larger Europe

Funding Scheme (FP7): Coordination & Support Action










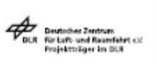





EU Financial Contribution: € 2 million

Duration: 48 months (01.05.2010 - 30.04.2014)

EU Project Officer: Wolfram Schrimpf, DG RTD

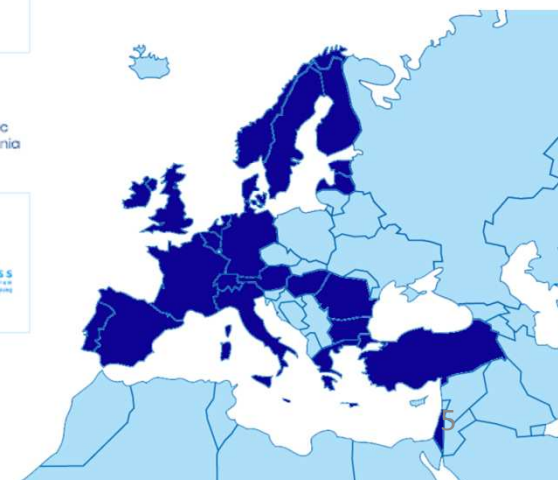


Partners

									
FFCUL Foundation of the Faculty of Sciences of Lisbon University, Portugal (coordinator)	EAA Environment Agency Austria, Austria	FCT Foundation for Science and Technology, Portugal	CMCC Euro-Mediterranean Centre on Climate Change, Italy	MEEDDM Ministry of Ecology, Energy, Sustainable Development and Sea, France	MICYT Ministry of Science and Innovation, Spain	SMHI Swedish Meteorological and Hydrological Institute, Sweden	KvK Knowledge for Climate Research Programme, the Netherlands	AKA The Academy of Finland, Finland	SEPA Swedish Environmental Protection Agency, Sweden
									
EPA Irish Environmental Protection Agency, Ireland	PTDLR German Aerospace Center - Project Management Agency, Dep. "Environment, Culture, Sustainability", Germany	MKF Mariakopoulou-Kanaginis Foundation for the Environmental Sciences, Greece	FORMAS The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning, Sweden	MEW Ministry of Environment and Water, Hungary	TUBITAK Scientific and Technological Research Council of Turkey, Turkey	ETF Estonian Science Foundation, Estonia	IME Israel Ministry of Environmental Protection, Israel	EVRI Public Agency Flanders Hydraulics, Belgium (Flanders)	DEFRA Department for Environment, Food and Rural Affairs, United Kingdom

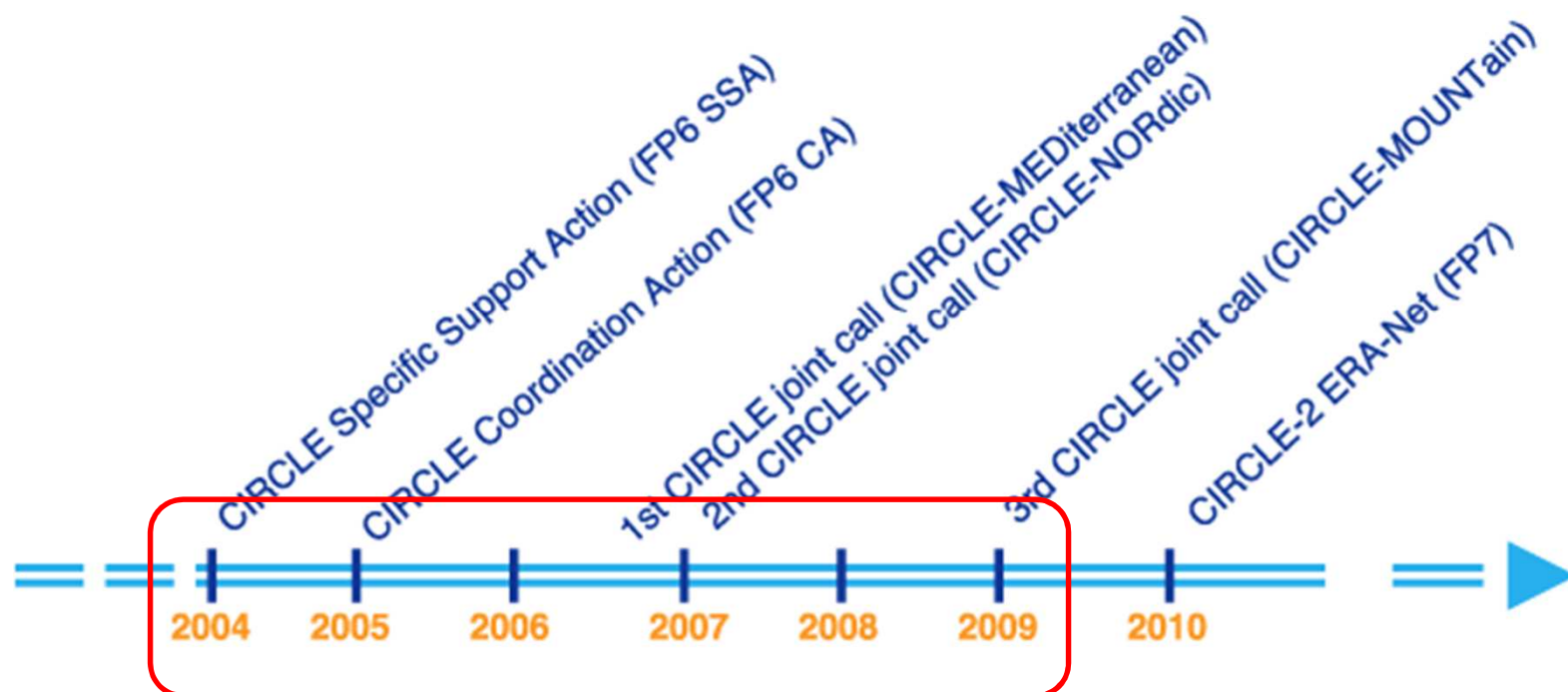
Contributing Partners

						
IHOBE Basque Environmental Performance Agency - Ministry of Environment and Land Planning - Government of the Basque Country, Spain (Basque Country)	BMWF Austrian Federal Ministry of Science and Research, Austria	BELSPO Belgian Federal Science Policy Office, Belgium	IMELS Italian Ministry for the Environment and Land and Sea, Italy	FOEN Federal Office for the Environment, Switzerland	LZA Latvian Academy of Sciences, Latvia	METEO-R Ministry of Environment - National Meteorological Administration - Climatic Research Group, Romania
						
BMBF Federal Ministry of Education and Research, Germany	EA Environment Agency, United Kingdom	NIMH-BAS National Institute of Meteorology and Hydrology of Bulgarian Academy of Sciences, Bulgaria	RCN Research Council of Norway, Norway	AU-KFT Coordination Unit for Research in Climate Change Adaptation, Aarhus University, Denmark	XUNTA Directorate General for Research, Development and Innovation - Galician Ministry of Innovation and Industry - Galician Government, Spain (Galicia)	UBA-D The Federal Environment Agency (Umweltbundesamt), Germany



- ❖ **Coordinate European transnational **Adaptation** research funding**
- ❖ **Facilitate the transfer of knowledge outcomes across **Adaptation initiatives (and strategies)****
- ❖ **Share experiences and knowledge on **Adaptation practices at national/local scale****
- ❖ **Encourage international cooperation (**non-European countries or countries with less diverse research programmes**)**

DESIGN a long-term, collaborative programme
able to **FUND** and **SHARE** knowledge on Climate
Adaptation



- Network building
- Mapping research programmes
- Assessing Gaps and needs
- Funding research
- Lessons in “working together”

Deliverables available at <http://www.circle-era.eu/np4/7>

1st Call - CIRCLE-2 MEDiterranean (2007)

“Integrated Coastal Zones and Water Management”;

2.15 Million EURO - [8 Projects](#)

2nd Call - CIRCLE-2 NORdic (2007)

“Consequences of CC for policy making in the Nordic countries”;

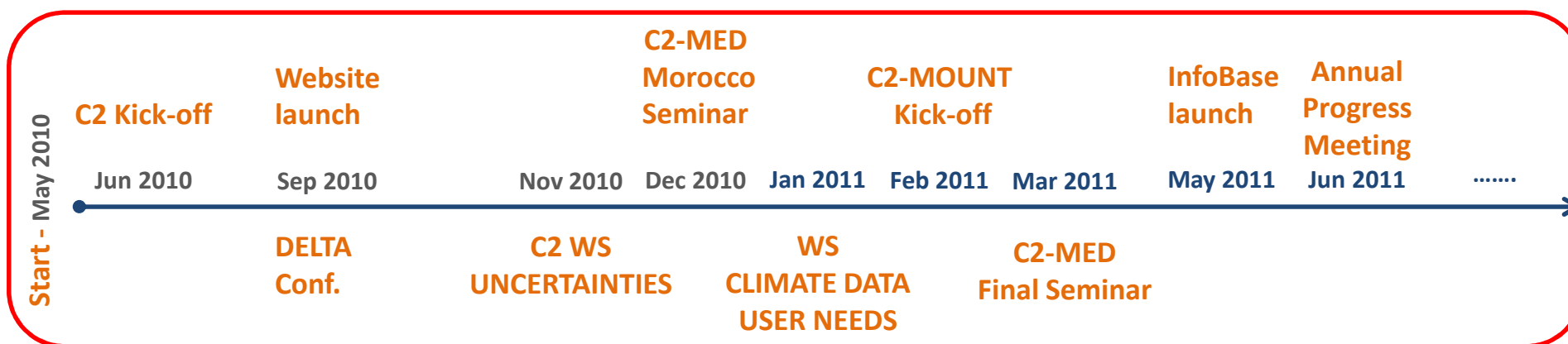
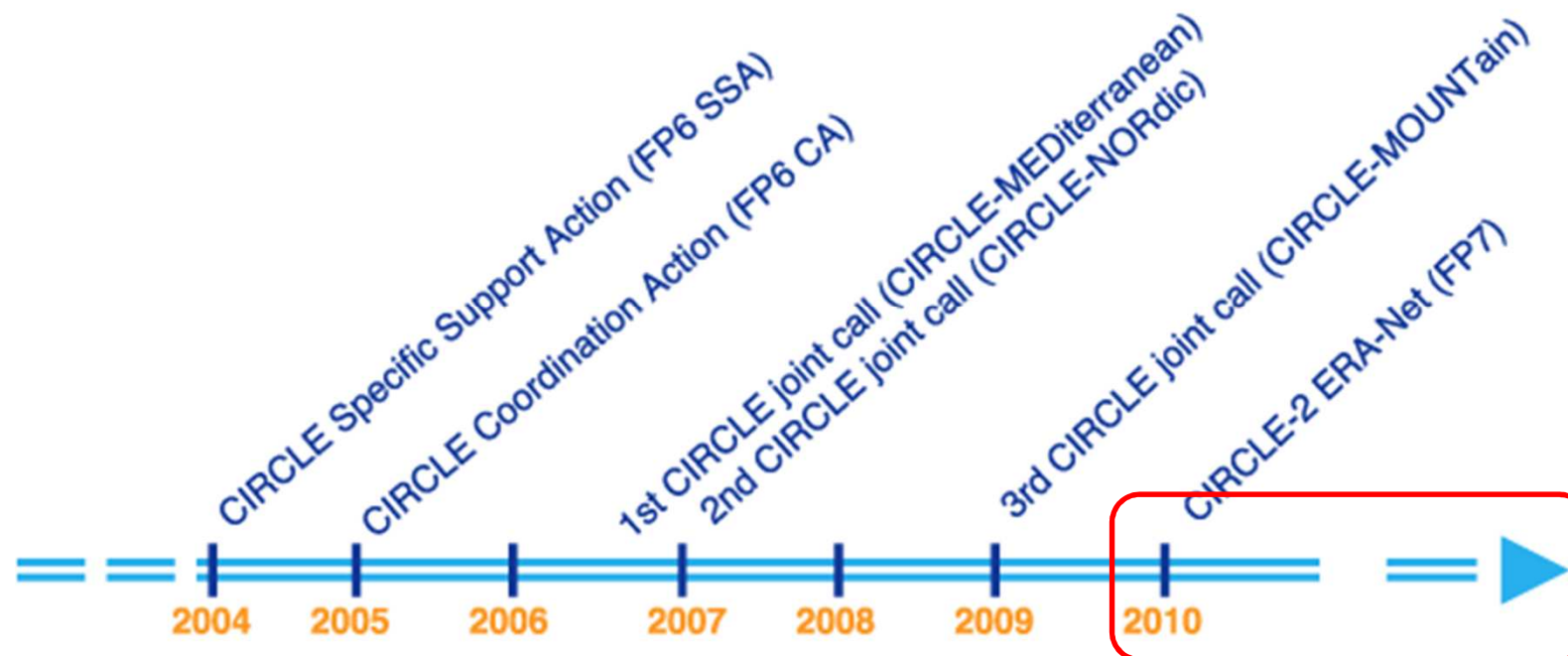
0.4 Million EURO - [3 Projects](#)

3rd Call - CIRCLE-2 MOUNTain (2009)

“CC impacts (natural and anthropogenic factors) and response options in mountainous areas” ; 2.12 Million EURO - [4 Projects](#)

4th Call (Under discussion) - COASTWATER

Calls announced at www.circle-era.eu





European Research Area

- ✓ **Lessons**
- ✓ **Identify needs/gaps**
- ✓ **Joint Research Agenda**
- ✓ **Joint Programming**

DESIGN

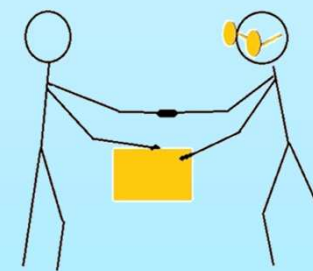


SHARE



CIRCLE2

FUND



- ✓ **Workshop Series**
- ✓ **Identify users & needs (Science-Policy Interface)**
- ✓ **Transfer research knowledge**

- ✓ **Lessons**
- ✓ **Joint Initiatives**
- ✓ **Joint Calls for research**

Thanks to David Avelar (FFCUL/CIRCLE-2)

❑ CIRCLE-2 Policy Briefs

#1 - “Communicate UNCERTAINTIES”

#2 - “Adaptation research on MOUNTAIN Areas”



❑ Proceedings and results

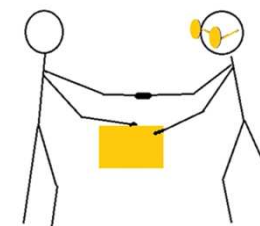
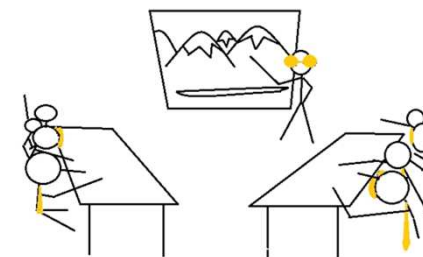
✓ Workshop “Uncertainties”

✓ Workshop “Climate data user needs”

✓ CIRCLE-2-MED Final Seminar

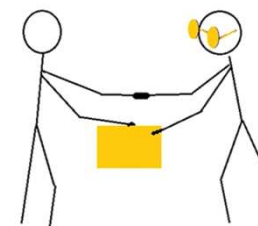
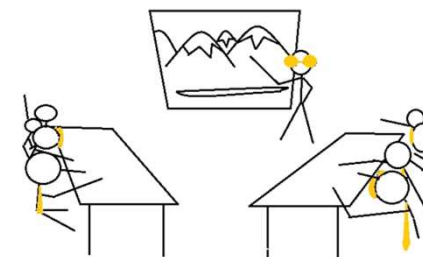
✓ CIRCLE-2-MOUNT Kick off

✓ ...



□ (Some) other activities

- ✓ Support to the EU Clearinghouse development
- ✓ CIRCLE-2 Climate Adaptation InfoBase
- ✓ Joint Initiative on Uncertainties (start October)
- ✓ Workshop Series on Adaptation (by invitation):
 - ✓ Nat Adapt Strategies - Wien, Oct 2011
 - ✓ Sharing experiences on climate services development - Bologna, Nov 2011
 - ✓ Forest Fires Med - Haifa, Jan 2012 (*tbc*)
 - ✓ Extreme H2O related events - Spain, 2012 (*tbc*)



CIRCLE2 Climate Adaptation INFOBASE

<http://infobase.circle-era.eu/>

Last update: 2011/01/27

This site is optimized for the latest versions of the major browsers (Chrome 9.x, Internet Explorer 8.0+, Firefox 3.6.x, Safari 5.x)

Search tip:

- Free text will search words in ALL fields of the project.

In line with its objectives, CIRCLE-2 maintains a searchable European InfoBase of Climate Adaptation projects.

As the definition of Adaptation may vary between countries, this InfoBase accepts country-specific definitions maintained by CIRCLE-2 member institutions.

This InfoBase includes research and applied projects funded from 2005 onwards, at national and local levels, as well as transnational projects funded by CIRCLE-2.

If you are aware of any Climate Adaptation projects in your country that are not yet included here, please insert a new record that will be made available after review by CIRCLE-2 members.

You can also provide updates to previously recorded projects in the respective project detail page.

If you have any query or suggestions, please contact the CIRCLE-2 Coordination team.

Search projects by:

[Country] 

[Start year] 

[End year] 

[Free text search]

Search on:

- ☒ National projects
- ☒ CIRCLE-2 projects

 Search

 Advanced Search



Members

FCT
Fundação para a Ciência e a Tecnologia
INSTITUTO DE CIÊNCIAS TECNOLÓGICAS E INOVACÃO

**LAUNCHED
MAY 2011**

W3C WAI-AAA WCAG 1.0

Part 2 - Adaptation in Europe - challenges and lessons



Adaptation challenges decision-making... and research... at all levels

- ✓ Uncertainties on the science side are large - research focus needed!
- ✓ Policy-makers and practitioners have to deal with a multitude of other problems, e.g., economic, social, financial, leaving little room to “think” and “act” on adaptation!

- ✓ National/local scales have growing set of practical knowledge - hardly accessible across countries in a systematic way!
- ✓ Mainstreaming at EU level is difficult - joint agendas needed - the problem of “working together” under different cultures!

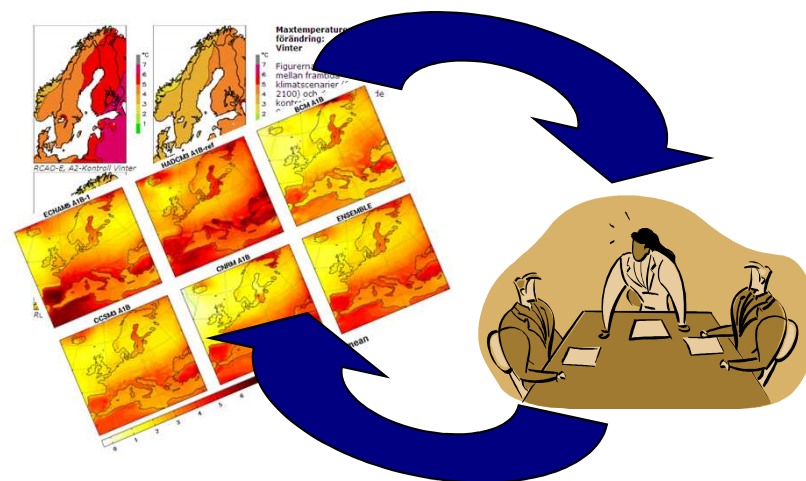
All of this creates challenges for transnational efforts like CIRCLE-2, but also open the door for collaboration across, e.g., NAS in EU

Reasons for concern?

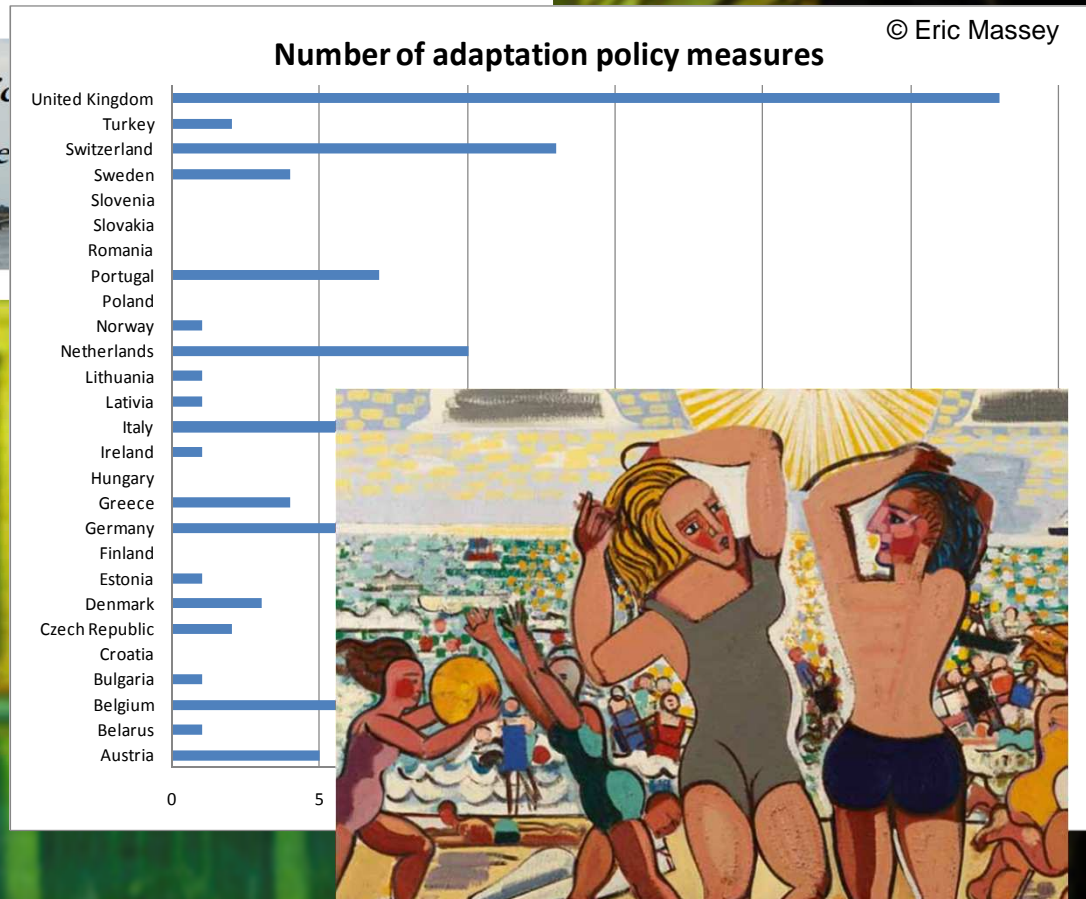
Research: Some cases show that even when participating MS **have formally committed to pooling resources** on a transnational basis, this remains **very difficult in practice**.

Taken from EC GREEN PAPER "The European Research Area: New Perspectives" COM(2007) 161

Or reasons to further invest in (transnational) cooperation?



Outcomes of the **1st International CIRCLE Workshop on Climate Change Adaptation**

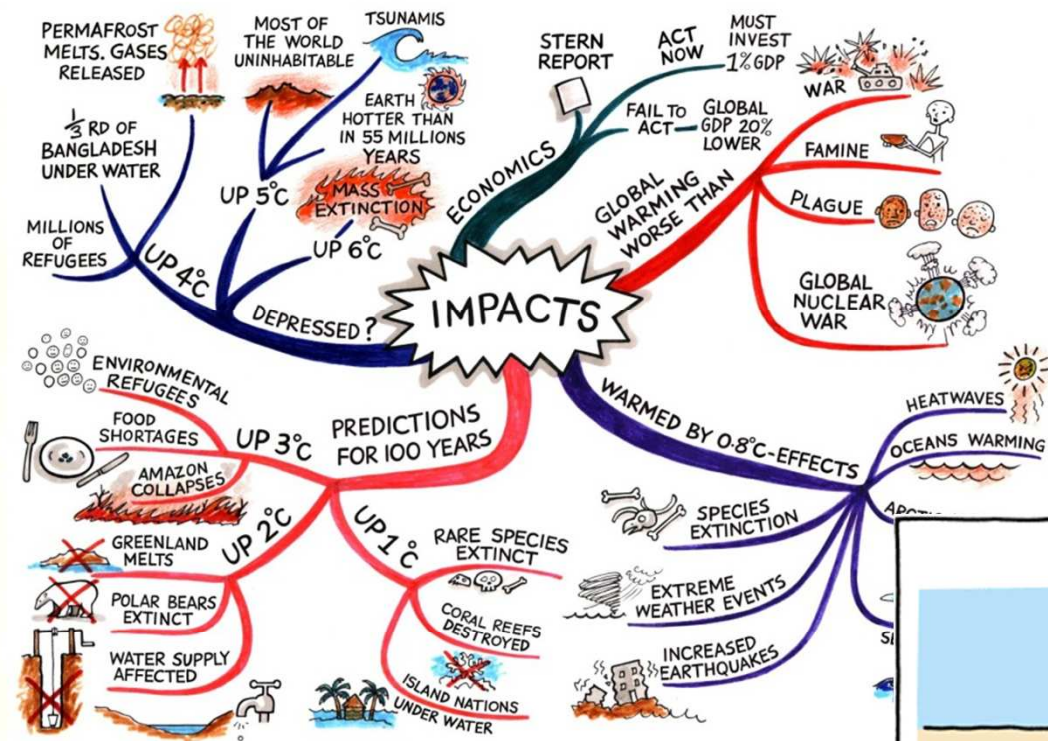


Credit: Adapted from Johan Bogaert's presentation about the Belgium NAS at the 5th EIONET workshop on CCIVA (2011)

Part 3 - Conclusions and key messages



- ❑ Stronger transnational scientific (and policy networks) can **play a very important role** in Climate Adaptation at different scales
- ❑ **Sharing experiences** (like today's session) can contribute highly to national and EU scale developments - even at policy-making level
- ❑ **Support to practical** (transnational) **research** funding activities can yield **great results**
- ❑ **CIRCLE-2** (2010-2014) is dedicated to **Climate Adaptation research** and hopes to serve as a meeting point for knowledge exchange in this field!



CIRCLE-2 since 2004:

From impact research...

...to adaptation knowledge!



Thank you for your attention!

www.circle-era.eu

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