

EU Adaptation Strategy & the ECRAN Network

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Consortium



5 December 2010,
Shkoder (AL)



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AND IT DIDN'T STOP....



26 February 2013,
Sveti Nikole (MK)



23 October 2012,
NW Turkey



19 May 2014,
Krupanj (SRB)



18 May 2014,
Gunja (HR)

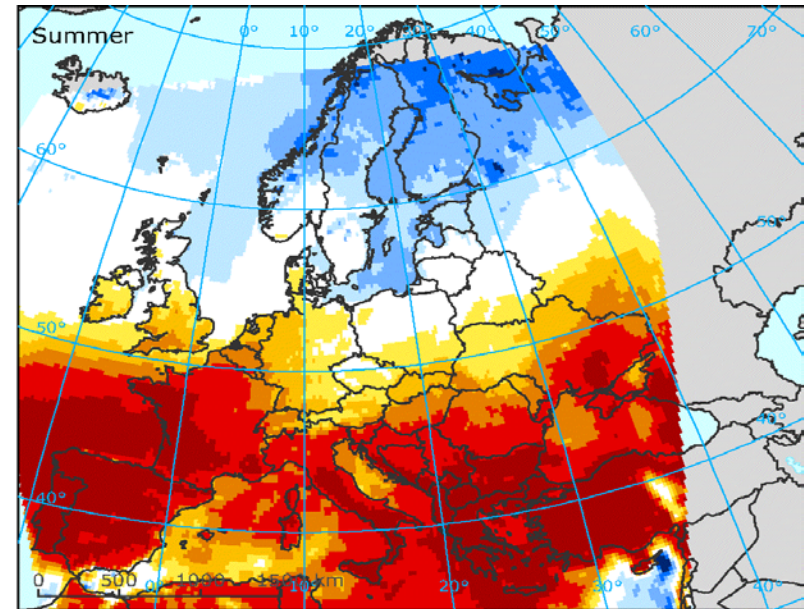
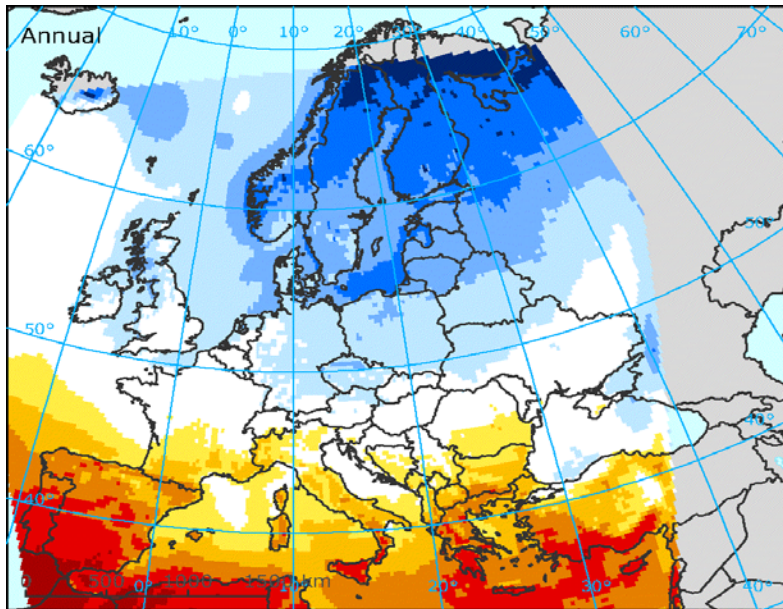


16 May 2014,
Sarajevo (BiH)



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DANGEROUS CLIMATE CHANGE IS OCCURING



Projected changes in precipitation

(%)



<-30
-30 to -20
-20 to -15
-15 to -10
-10 to -5
-5 to 5
5 to 10
10 to 15
15 to 20
>20



No data

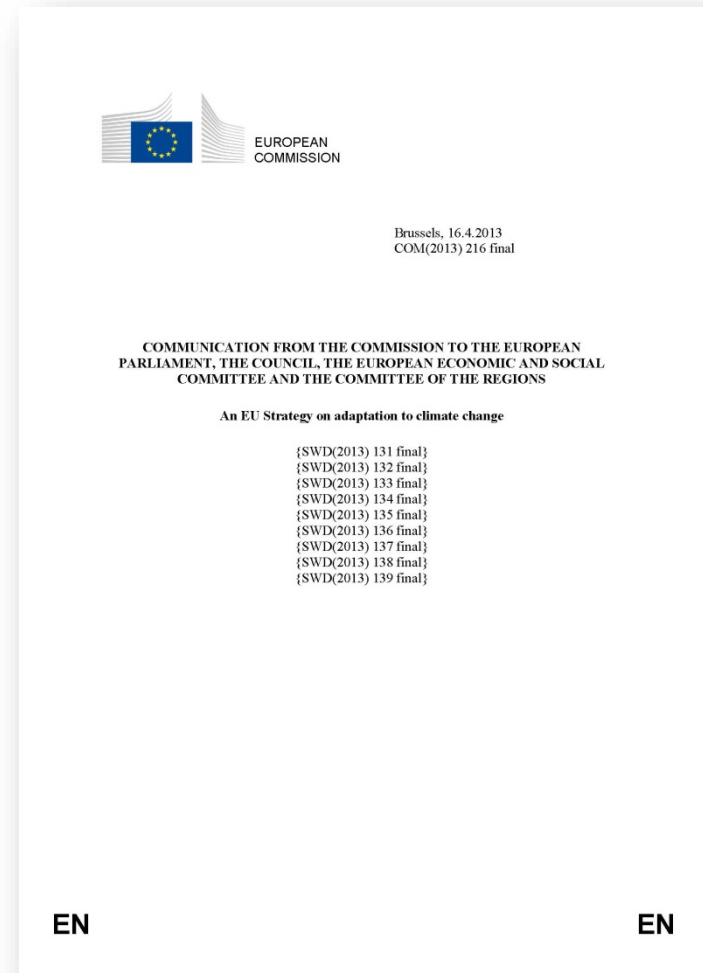


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But mitigation action is not sufficient - Adaptation action is required

EU Adaptation Strategy

[http://ec.europa.eu/clima/policies/
adaptation/what/documentation_en.htm](http://ec.europa.eu/clima/policies/adaptation/what/documentation_en.htm)

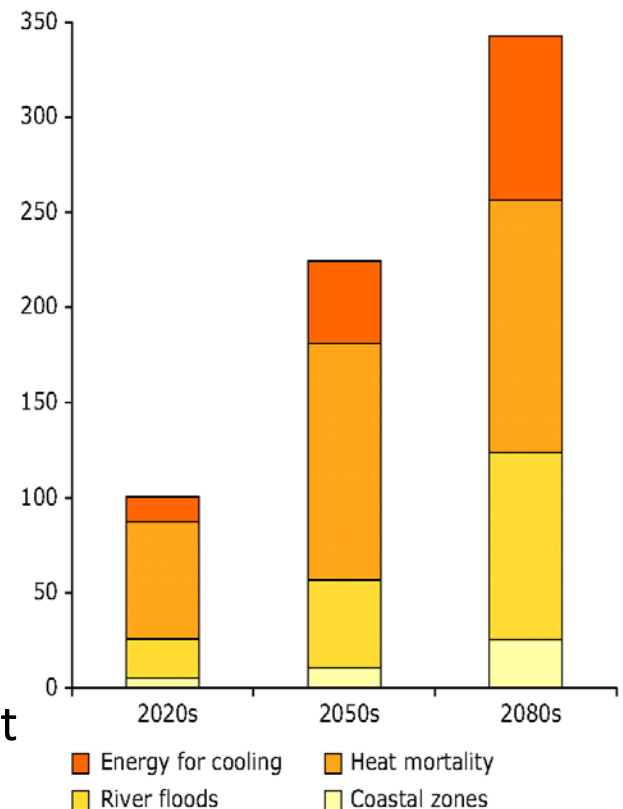


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Mitigation and adaptation are both necessary and complementary

- **We need to increase mitigation efforts.** If the 2°C target is missed, adaptation increasingly costly
- **We need to adapt.** Adaptation is inevitable (delayed impact of emissions). Adaptation is cheaper
 - €1 invested in flood protection saves €6 damage costs
- **We need to act now.** Postponed adaptation and maladaptation will lead to higher damage costs
 - ≥ €100 bn/year by 2020; €250 bn/year by 2050 for the EU
- **We need to prioritise actions** by focusing on most urgent needs

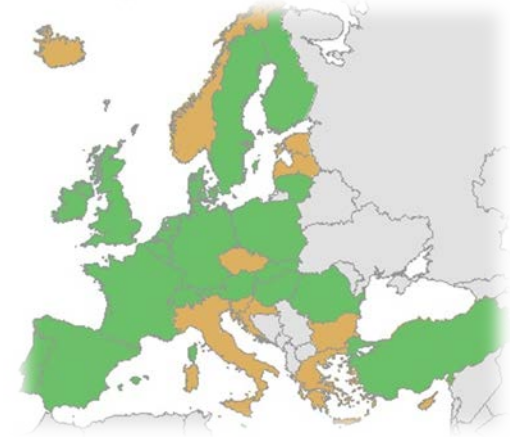
Projected damage costs, A1B, billion EUR per year, undiscounted



What did the EU so far?

Member States:

- National Adaptation Strategies (**18** EU MS)
- Some Action plans / few concrete activities
- Vulnerability assessments (few)
- Dedicated online portals (some)
- Research on adaptation / priority areas (most)
- Monitoring, evaluation (starting)



Cities (some):

- Adaptation strategies
- Sector-specific action e.g. heat wave plans
- Small-scale local adaptation projects



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Overall Objective: Contribute to a more climate-resilient Europe

Priority 1:
**Promoting
action by
Member States**



Priority 2:
**Better informed
decision-
making**



Priority 3:
**Climate-
proofing Action**



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Priority 1: Promoting action by Member States

Action 1 Encourage MS to adopt Adaptation Strategies and action plans

- Guidelines on adaptation strategies
- Adaptation Preparedness scoreboard
- Check in 2017 coverage & quality of NAS

Action 2 LIFE funding, including adaptation priority areas

- Cross-border floods management, cross-border coastal management
- Urban environment
- Mountain and island areas
- Drought-prone areas (water, desertification, fire risks)

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

- Launch in March 2014
- Complements mitigation efforts under existing Covenant



Action 3: Mayors Adapt

- Mayors Adapt follows the **model of the Covenant of Mayors** initiative (www.covenantofmayors.eu/) – it is a parallel exercise for adaptation (<http://mayors-adapt.eu/>)
- Objective: support local authorities in taking coherent action on both mitigation and adaptation – promoting an **integrated approach**



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Priority 2: Better informed decision-making

Action 4 Knowledge-gap strategy

- Identify and prioritise knowledge gaps
- Feed this into programming Horizon 2020
- Better interfaces science/policy/business
- EU-wide vulnerability assessments: JRC (economic costs of cc); Integrated threat and risk assessment reports (2015).

Action 5 Climate-ADAPT

- Develop interfaces with other databases and climate services
- Inclusion of Copernicus (Ex-GMES) climate services



Priority 3: Climate-proofing Action

Action 6 Climate proofing the Common Agricultural Policy, Cohesion Policy, and the Common Fisheries Policy

- Guidance
- Capacity building

Action 7 Making infrastructure more resilient

- Mapping standards through CEN/CENELEC/ETSI
- Guidelines for project developers

Action 8 Promote products & services by insurance and finance markets

- Green paper insurance of disasters
- Stakeholder dialogue



Miscellaneous

- **Report to European Parliament and Council in 2017 (future acquis?)**
- **The EU Civil Protection Mechanism legislation (revised in April 2014) promotes exchange of good practices, incl. on preparing national civil protection systems to cope with the impacts of climate change (DRM)**
- **Adaptation Mainstreaming**



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ECRAN CLIMATE

- **ECRAN – Environment and Climate Regional Accession Network**
- **8 Beneficiaries: (potential) candidate countries**
- **Follow-up of RENA; builds on RENA Climate results**
- **Kick-off was 3 October 2013**
- **Approximately 30% for climate related activities**
- **Active engagement of public sector expertise through TAIX**

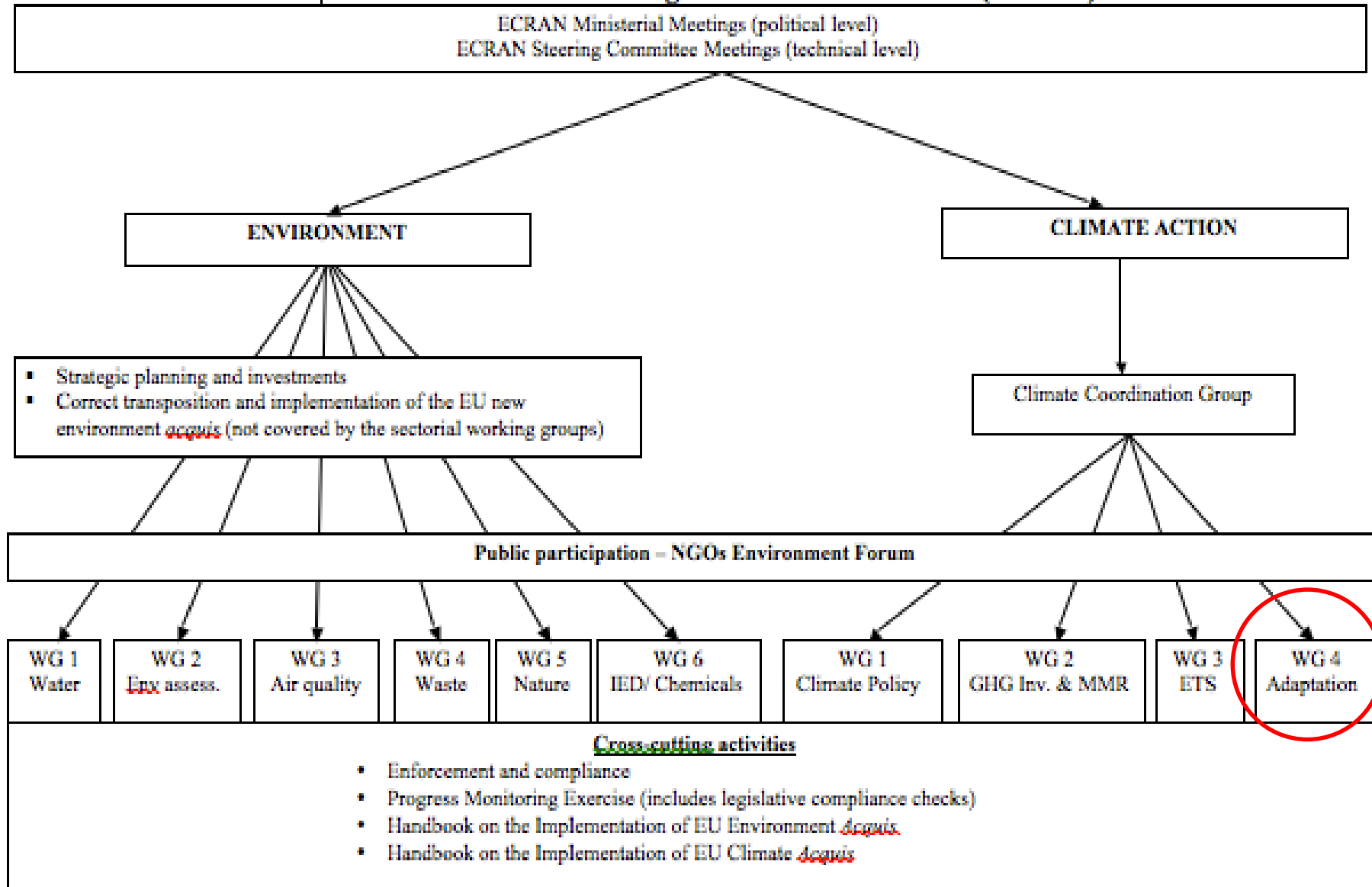


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Environment and Climate Regional Accession Network (ECRAN)



ECRAN activities for the period 2013 – 2016

- Shift from information sharing towards more practical work

Key issues:

- Need to ensure that capacity is built truly at the beneficiaries (and not at local consultants)
- Need to ensure more involvement from other sectors with direct relevance for climate work (e.g. energy, transport, construction, etc.) →
National climate platforms or working groups



Follow-up activities for the period 2013 – 2016

Now time to start with adaptation (EU Strategy on Adaptation to Climate Change adopted in April 2013)

- Emphasis on adaptation options that are low cost, good for the economy and for the climate
- Stimulate actions that promote jobs in construction, water management, insurance, agricultural techniques, ecosystem management
- Above considerations translated into ECRAN work plan for adaptation



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Adaptation Strategy and ECRAN

Priority 1: Promoting Action

Action 1: *Encourage to adopt adaptation strategies*

Action 2: Provide LIFE funding to adaptation action in Europe

Action 3: Introduce adaptation in the Covenant of Mayors framework

ECRAN Working Group 4

Priority 2: Informed Decision making

Action 4: *Bridging knowledge gap / vulnerability assessments*

Action 5: *Climate – adapt tool*

Priority 3: Climate-proofing action

Action 6: Climate-proofing of the key CAP, Cohesion policy and CFP

Action 6: More resilient infrastructure

Action 7: Promote insurance and other financial products for investment



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ECRAN Adaptation Seminar (Skopje, July 2014)

- From a climate change perspective almost all policy areas are interlinked
- Budget and funding may be less of a problem than tentatively assumed
- Obvious is the need for enhanced cooperation and coordination
- Public administrations' knowledge and skills should be enhanced
- Public awareness is insufficiently developed
- Strengthen local involvement in actions

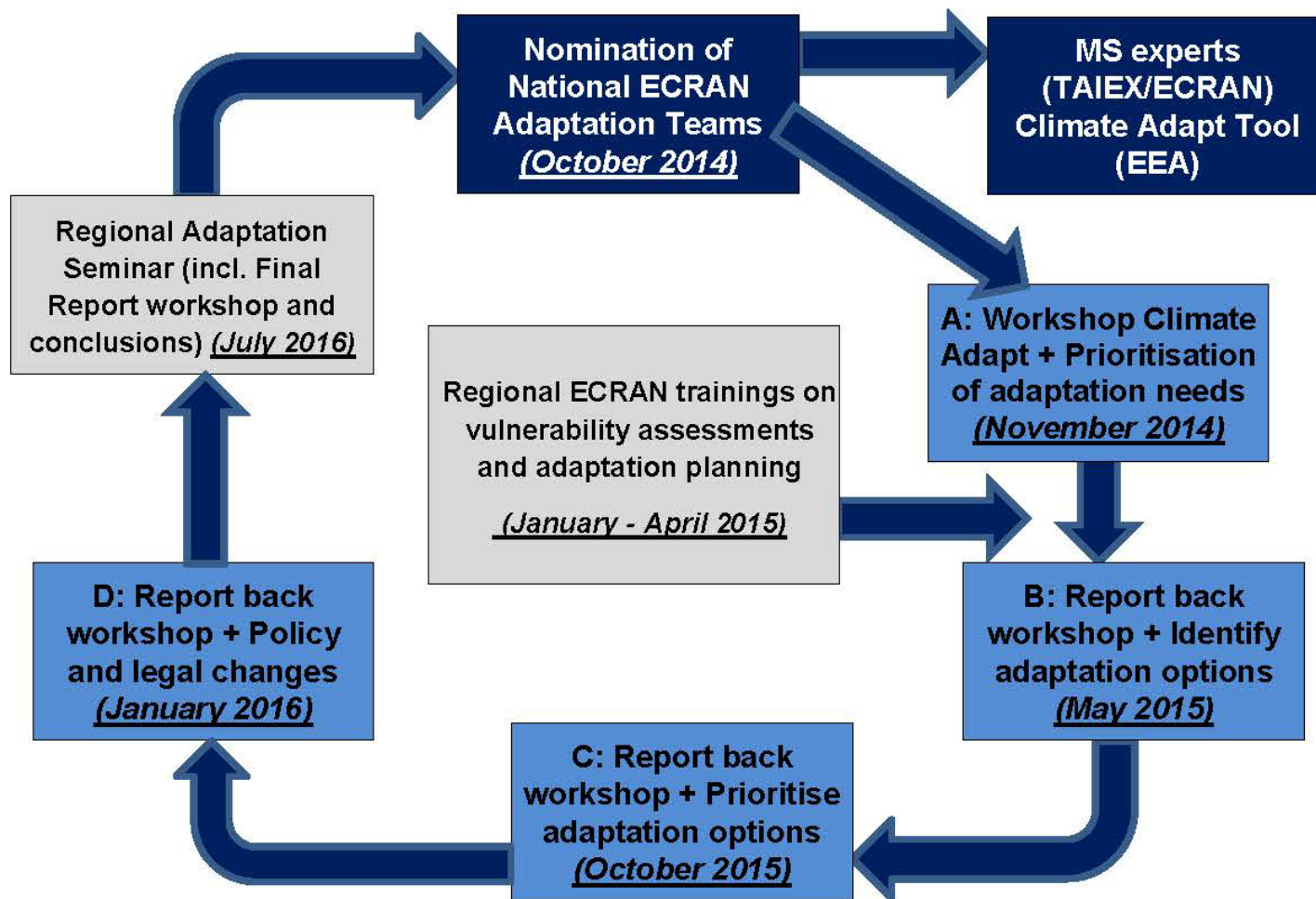


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Working Group 4: ECRAN Adaptation work 2014 - 2016



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ECRAN Adaptation Work

- Coordinating adaptation activities with the European Climate Adaptation Platform (Climate-ADAPT) as the 'one-stop shop' for adaptation information in Europe.
- Best practice on adaptation (through training) and to supporting the identification and prioritisation of adaptation options and to the required policy changes, structures and processes for adaptation.



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Thank you for your attention!