

Adaptation to Climate Change

**Establishing systems,
Sharing best practices,
Fostering cooperation**

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Executive Director



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2010 Flood. (2.0 m)



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2013 Flood. (2.5 m)

2010

8m. 27cm - en
Tetőzött

Arviz!!
2010

Arviz	
2002	8m 35cm
2006	8m 60cm
2010	8m 27cm
2014	8m 70cm

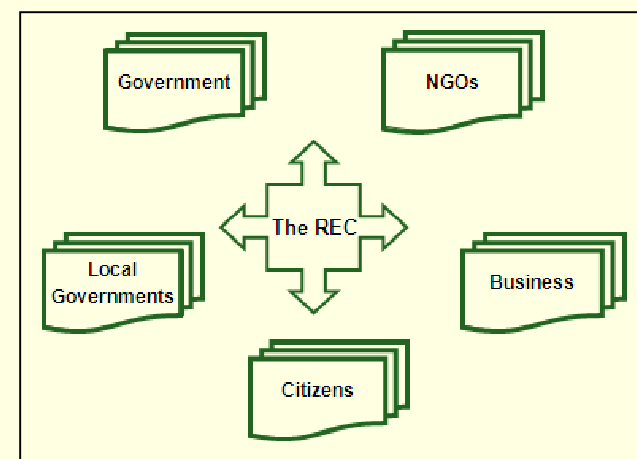
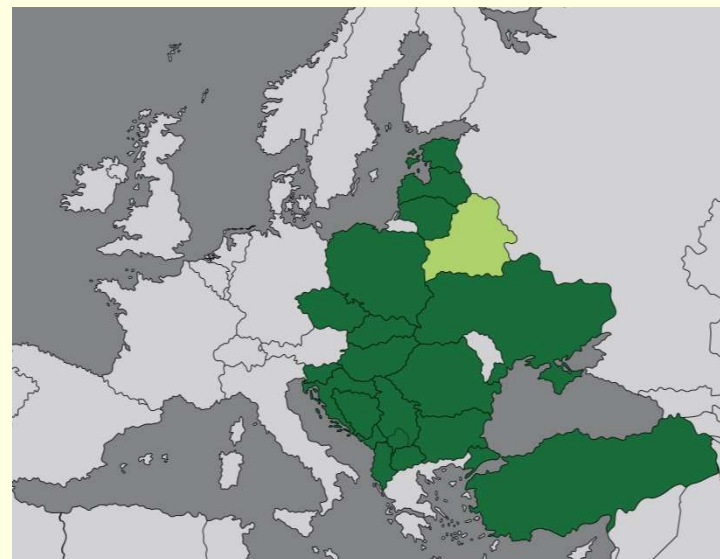


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This is a forecast
from our gardener.
(prepared in 2010)
The real peak was
895cm on June 9,
2013!!!

Regional Environmental Center (REC)

- “... is an international organisation with a mission to assist in addressing environmental issues...”
 - The **REC** is legally based on a **charter signed by 31 countries and the EC**
 - Multi-stakeholder international Board
 - 190 staff** (some 30 nationalities)
 - Offices in 17+ countries**
 - 100% project based organization
 - over **200 running projects**
 - 10 – 12 million € annual turnover
 - Operates in various regions:
 - EU Members of Central and Eastern Europe
 - EU Enlargement countries, candidates and potential candidates
 - Eastern Partnership Countries
 - EU27
 - Operation beyond the REC Country Office Network (REC partnership network)



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REC services & competencies

- Coordination and management of complex environmental related projects (including international secretariats)
- Specific support in the drafting of national strategies and programmes for the implementation of the Europe 2020 Strategy
- Research
- Civil society support
- Policy briefs; good practices; integrated policy guideline documents
- Capacity building

Lessons learned....

The most successful projects / efforts are:

- cross-border / regional activities
- multi-stakeholder approach
- framework-type activities
- involving stakeholders/partners



Adaptation to climate change – What we learned?

Projects/Activities:

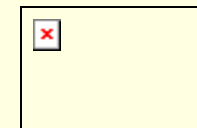
- CarpathCC - Preparatory action on climate in the Carpathian region –in-depth assessments of vulnerability of environmental resources and ecosystem-based adaptation measures www.carpathcc.eu
- WATER CoRe - Water scarcity and droughts; coordinated actions in 7 European regions www.watercore.eu
- MEDIATION - Methodology for Effective Decision-making on Impacts and AdaptaTION mediation-project.eu/

- Requirements for research to reduce vulnerability in the most cost-effective way
- National and regional coordination builds efficiency, effectiveness and cooperation between institutions;
- Exchange of information and knowledge is crucial;
- Requests for capacity building by organising complex and comprehensive seminars and workshops at all levels



Key examples – Zero Emission Conference Center

- The biggest *SOLAR POWER* plant in Hungary at opening (close to 30 kW maximum capacity)
- High efficiency envelope
 - minimise heat loss in winter, prevent heat gains in summer and maximise the exploitation of natural lighting
- Lighting system
 - a „light shelf” diffuses natural light throughout the interior
- Photovoltaic
 - The PV system generates close to 30 kilowatt hours
- Heating ventilating and air-conditioning
 - Ground source heat pumps
- Architecture
 - Energy systems and architecture have been designed in a modern and integrated approach



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www.rec.org

Welcome to the REC!



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