



Climate change adaptation in Estonia



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GHG mitigation has been regarded as priority.

Governmental positions were agreed in accordance with the EU green paper on adaptation in 2007 and white paper in 2009.

Priority areas are: energy, transport, water management and coastal areas and human health.

Government also pointed out that more relevant information is needed.



Estonia does not have national programme or strategy for climate change adaptation but there are few measures taken under sectorial plans

The overview about climate adaptation topics is given in „Estonia`s Fifth National Communication“ under the UNFCCC

MoE has ordered from expert an overview about existing researches concerning with climate adaptation.



Estonian Forest Development Plan until 2020

Public Health Development Plan 2009-2020

HELCOM Baltic Sea Action Plan

emergencies and crisis management plans under regulation of Emergency Act.



The aim to adapt to climate change is added to the:

- * to draft of new Estonian Environmental Action Plan until 2013;
- * to the draft of Ministry of the Environment's Development plan for the period 2012-2015;
- * to the draft of Nature Conservation Development Plan up to 2020.

However, various programmes such as the Common Agricultural Policy also include climate change adaptation issues.



On-going projects

Baltadapt is developing *Baltic Sea Region Climate Change Adaptation Strategy*;

From October 2010 to December 2013, with total project budget 2,86 million eur;

Focus on regional climate information, Baltic Sea ecosystem and coastal zone; develops information portal **The Baltic Window** and **Baltic Sea Region climate adaptation strategy and action plan**; identify suitable funding mechanisms.

Projects under development

Integrated water resources management in Baltic Sea Region

Mapping the impacts of CC, developing measures and awareness raising focusing on marine ecosystems, coastal zones, inland water bodies, prioritisation and economical analysis for the adaptation measures.

GOAL: proposal of the national climate adaptation strategy document;

Partner: Climate and Pollution Agency, Norway;

Financing: EEA and Norway Grants

Period 2012 Sept until 2014, budget not confirmed

ACTIVITIES:

1. COLLECTING RELEVANT CLIMATE CHANGE IMPACTS INFORMATION

2. ANALYSIS - Assessing climate impacts to and preparing measures:

* *Marine ecosystems*

vulnerability of marine ecosystems, Natura 2000 habitats

* *Coastal areas*

overview about impacts and vulnerability, changes in geomorphology and hydrology, extreme weather events, Natura 2000 habitats

changes in people`s health and living conditions, impacts to different activities (fishery, tourism, agriculture, forestry, shipping) and harbour`s infrastructures.

* *Inland water bodies and water basin ares*

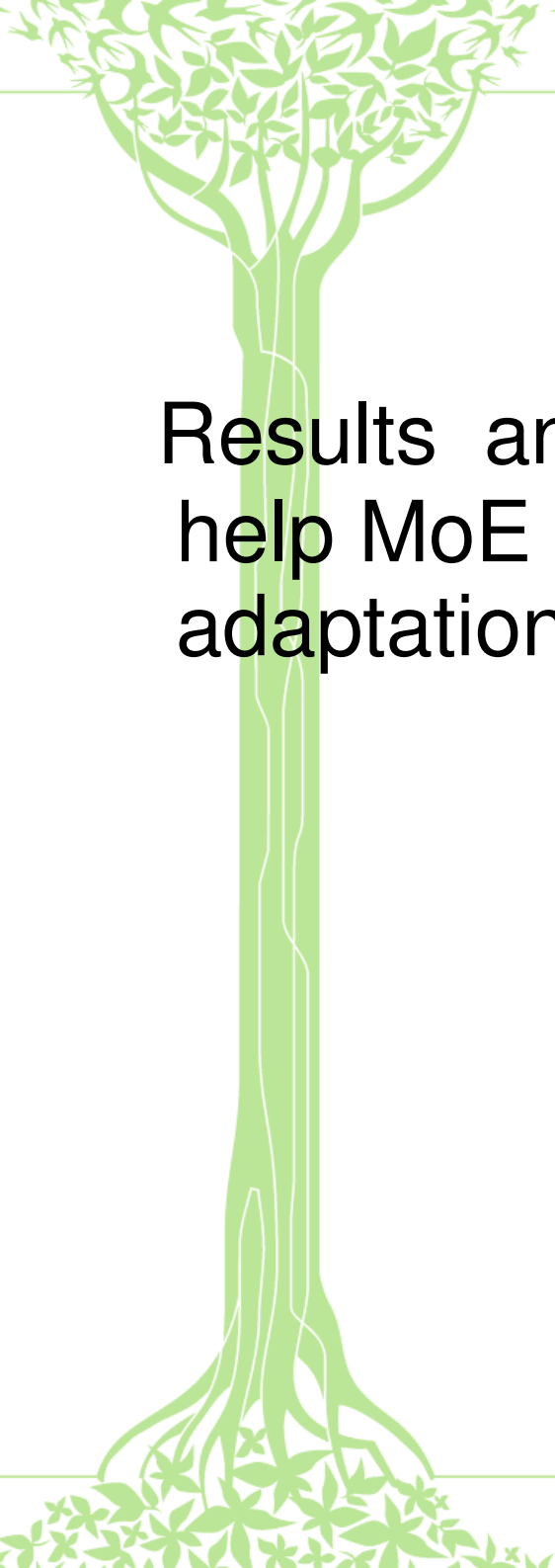
changes in hydrology, biodiversity and fish stocks, vulnerability of alluvial meadows.

**Economical analysis*: cost of measures and benefit for implementing these measures

3. COMPILING ADAPTATIONAL STRATEGY

* *Suitable form for strategical choices for adaptation activities*

* *Proposal for adaptation strategy*



Results and conclusions of these projects will help MoE to make a decision for suitable form of adaptation strategy (2012)

Thank You!



ENVIRONMENT