

The Development Plan for Climate Change Adoption

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Adaption in Estonia so far

- Estonia has so far mainly been engaged in preparation for emergencies and climate change mitigation, and does not yet have a separate development plan for adoption to the impacts of climate changes.
- However, some adaption measures have been included in sectoral development plans, action plans and laws

Why is adaption important?

Timely adaptation to climate change will significantly reduce the potential financial and social risks

The Development and Action Plan

- First preparations for preparing the development plan started in 2013 and the process began in 2014
- Compilation of the development and action plan was supported by European Economic Area Grants
- The Development Plan involves eight priority sectors

- Human health and rescue capability;
- Land use and planning,
- Natural environment,
- Bio-economy,
- Economy,
- Society, awareness and cooperation,
- Infrastructure and buildings,
- Energy and power supply,

The studies

- 4 scientific studies were drafted
 - KATI - Human health and rescue capability and Land use and planning,
 - BioClim - Natural environment and Bio-economy,
 - RAKE - Economy and Society, awareness and cooperation,
 - ENFRA - Infrastructure and buildings and Energy and power supply,
- The studies used the scenarios from "Estonian Future Climate Scenarios 2100", drawn up by the Estonian Environment Agency,

The cost

- Climate Change Adaptation Plan implementation cost estimate for the period 2017-2030 is about 44 million euros.
- And for the period 2017-2020 about 7 million euros

Implementing

- The Ministry of Environment will organize the annual reporting on the implementation of the development plan and coordinate the exchange of information between ministries.
- The development plan will be implemented in cooperation with other ministries and agencies.

What can we expect?

- Increase in temperature
- Increased precipitation
- Raised sea level
- Increased frequency of storms

The general aim

Enhance Estonia's preparedness and capability to adapt to the impacts of climate change locally, regionally and nationally.

Aim of the human health and rescue capability sector

Improved rescue capability and ability of the people to protect their health and property will reduce the negative impact of climate changes to health and the living environment.

Aim of the land use and planning sector

The risk of storms, floods and erosion has been alleviated, the heat-island effect has been mitigated, and the climate-resistance of populated areas has been increased by selecting the best solutions in land use and planning.

Aim of the natural environment sector

The diversity of species, habitats and landscapes, and a good status and integrity of terrestrial and aquatic ecosystems, and provision of important ecosystem services from the socioeconomic perspective at a sufficient volume and quality are ensured in the changing climate.

Aim of the bio-economy sector

The sustainability of the bio-economy sectors important to Estonia will be ensured by climate-conscious agriculture, forestry, water management, fishery, and holiday management and peat extraction.

Aim of the economy sector

Economic operators take advantage of the opportunities accompanying climate changes in the best possible manner and manage the accompanying risks.

Aim of the society, awareness and cooperation sector

The residents understand the threats and opportunities accompanying climate changes.

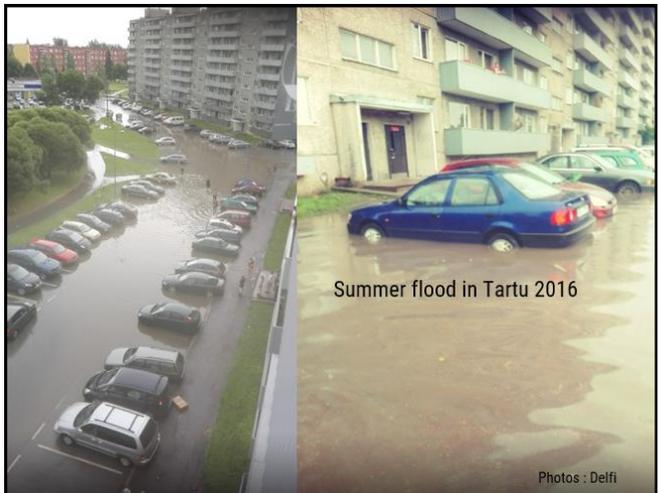
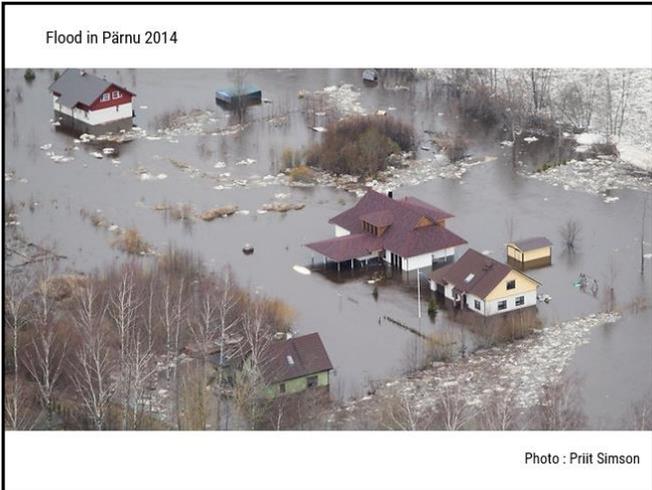
Aim of the infrastructure and buildings sector

The impact of climate changes will not reduce the availability of vital services or energy-efficiency of buildings.

Aim of the energy and power supply sector

Climate changes will not decrease the energy self-sufficiency, safety and security of supply or the use of renewable energy resources or increase the volume of end consumption of primary energy.

Examples of floods in Estonia





 REPUBLIC OF ESTONIA
MINISTRY OF THE ENVIRONMENT

Thank You!
Any questions?

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