



REPUBLIC OF ESTONIA
MINISTRY OF THE ENVIRONMENT



Programme EE02 “Integrated Marine and Inland Water Management” and Good Practices

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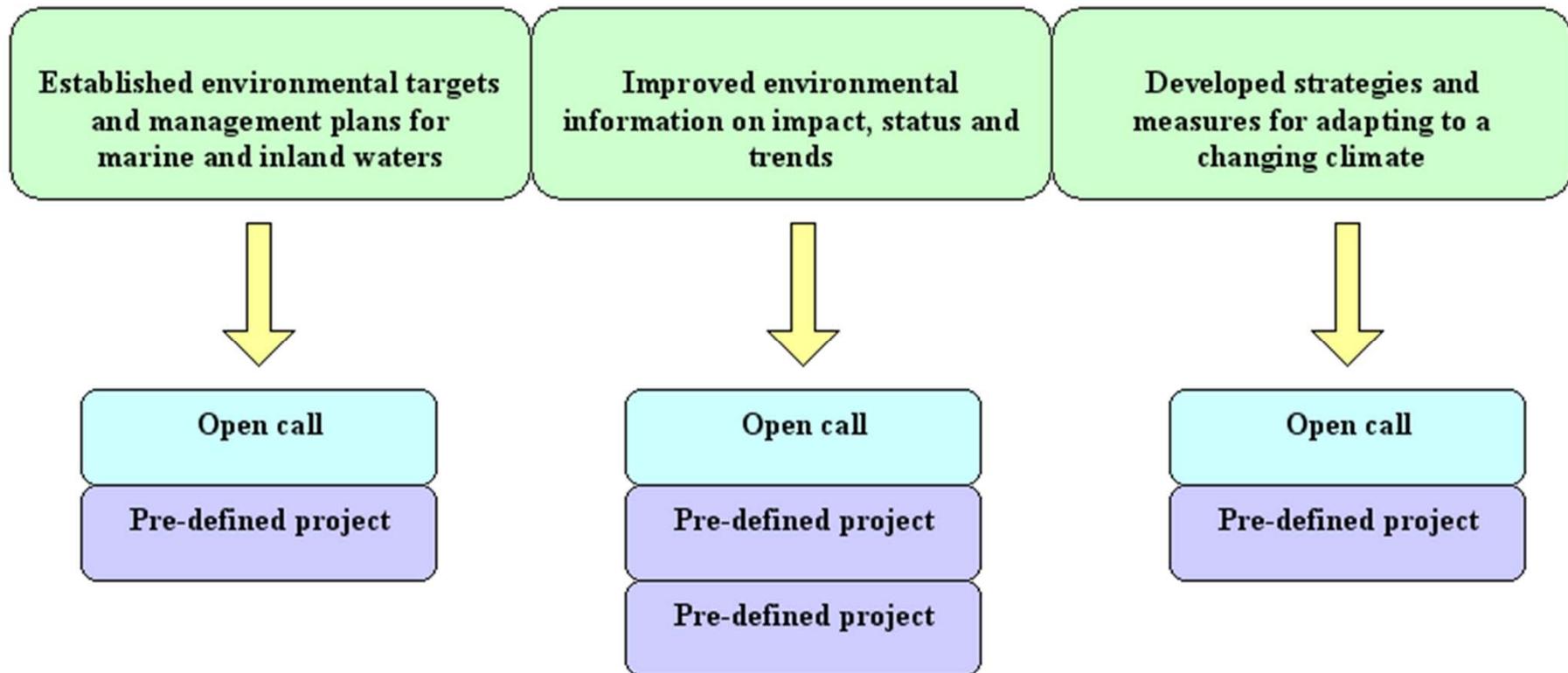
Programme “Integrated Marine and Inland Water Management” in Estonia

- ✓ **The objective** of the Programme is to achieve good environmental status in Estonian marine and inland waters.
- ✓ The **expected outcomes** are establishing environmental targets and management plans for marine and inland waters; improving environmental information of impact, status and trends; developing strategies and measures for adapting to climate change.
- ✓ **Programme Operator:** Estonian Ministry of the Environment (MoE)
- ✓ **Donor Programme Partner:** Norwegian Environmental Agency

Programme “Integrated Marine and Inland Water Management” in Estonia

- ✓ **Programme budget:** 7 615 053 euro
- ✓ **EEA contribution:** 6 900 000 euro
- ✓ **Estonian co-financing:** 715 053 euro
- ✓ **Implementation scheme:** pre-defined projects and open call
- ✓ **Grant rate for open calls:** maximum 85-90%
- ✓ **Grant rate for pre-defined projects:** 100%
- ✓ **Grant amount for projects:** from 170 000 euro to available grant amount of the open call budget
- ✓ **Approval of the programme:** 22.12.2012
- ✓ **Signing of the programme contract:** 28.03.2013

Outcomes - outputs



Established environmental targets and management plans for marine and inland waters

1) **Pre-defined project:** Developing the programme of measures for the Estonian marine area in compliance with the requirements of the EU Marine Strategy Framework Directive, including feasibility study on using LNG as an alternative ship fuel to reduce pollution (Estonian Environmental Research Centre)

2) **Open call projects:**

- Inventory and development of monitoring programme for nature values in Estonian marine areas (NEMA) (Estonian Marine Institute, University of Tartu)
- Assessment for ecosystem based management of marine environment on the basis of sea bottom and sediments of the Gulf of Finland (Geological Survey of Estonia)
- Development of relevant criteria and monitoring methodology of favourable conservation status of the coastal (terrestrial) habitats (EU Nature Directive Annex 1: 1210, 1220, 1230, 1310, 1640, 2110, 2120, 2130, 2140, 2190 and 2320) in Estonia. (Institute of Ecology of Tallinn University)

Call period: 30.08.2013 – 17.04.2014.

Call was open 30.08.2013 – 04.11.2013

Eligibility control: 05.11.2013 – 10.02.2014

Expert assessment: 10.02.2014 – 21.03.2014

Signing project contracts with projects: 29.05.2014 – 11.08.2014

Outcome- Established environmental targets and management plans for marine and inland waters

Project Promoter	Name of the project	Grant (euros)
Estonian Environmental Research Centre (EERC)	Developing the programme of measures for the Estonian marine area in compliance with the requirements of the EU Marine Strategy Framework Directive, including feasibility study on using LNG as an alternative ship fuel to reduce pollution	598 200
Estonian Marine Institute, University of Tartu	Inventory and development of monitoring programme for nature values in Estonian marine areas (NEMA)	443 445
Geological Survey of Estonia	Assessment for ecosystem based management of marine environment on the basis of sea bottom and sediments of the Gulf of Finland	415 310
Institute of Ecology of Tallinn University	Development of relevant criteria and monitoring methodology of favourable conservation status of the coastal (terrestrial) habitats (EU Habitats Directive Annex 1: 1210, 1220, 1230, 1310, 1640, 2110, 2120, 2130, 2140, 2190 and 2320) in Estonia.	175 848

Improved environmental information on impact, status and trends

1) **Pre-defined project:** The development of data-modelling system and the decision support tool for the integrated marine and inland water management (Estonian Environmental Research Centre)

2) **Pre-defined project:** Implementation of the INSPIRE Directive (Estonian Land Board)

Open call projects:

- Development of methods for assessment and mapping of ecosystem services of marine and inland waters (Peipsi Centre for Transboundary Cooperation)
- Restoring of estuarine and habitats in Lõve river (NGO Laidevahe Loodus)
- Restoration of habitats of freshwater pearl mussel (Environmental Board)

Call period: 30.08.2013 – 17.04.2014.

Call was open 30.08.2013 – 04.11.2013

Eligibility control: 05.11.2013 – 10.02.2014

Expert assessment: 10.02.2014 – 21.03.2014

Signing project contracts with projects: 29.05.2014 – 11.08.2014.

The eligibility period for projects: May 2014-30.04.2016.

Outcome- Improved environmental information on impact, status and trends

Project Promoter	Name of the project	Grant (euros)
Estonian Land Board	Implementation of the INSPIRE Directive	1 472 500
Estonian Environmental Research Centre (EERC)	The development of data-modelling system and the decision support tool for the integrated marine and inland water management	2 044 000
Peipsi Center for Transboundary Cooperation	Development of methods for assessment and mapping of ecosystem services of marine and inland waters	347 370
Laidevahe Loodus	Restoring of estuarine and habitats in Lõve river	216 369,90
Environmental Board	Restoration of habitats of Freshwater Pearl Mussel	393 800

Developed strategies and measures for adapting to a changing climate

1) **Pre-defined project:** The elaboration of Estonia's draft National Climate Change Adaptation Strategy and action plan (Estonian Environmental Research Centre)

2) **Open call Projects:**

- Assessment of climate change impacts elaboration of adaptations measures: planning, land use, health and rescue management (KATI) (University of Tartu)
- Climate change adaptation strategy and measures for thematic fields of natural environment and bioeconomy: BIOCLIM (Estonian University of Life Sciences)
- Estonian Climate Adaptation Strategy for Infrastructure and Energy (SEI Tallinn)
- ✓ Call period: 12.08.2014 – 20.12.2014.
- ✓ Call was open 12.08.2014 – 13.10.2014
- ✓ Eligibility control: 14.10.2014 – 13.11.2014
- ✓ Expert assessment: 13.11.2014 – 16.12.2014
- ✓ The eligibility period for projects: 01.01.2015-31.08.2015.
- ✓ Signing project contracts with projects: January-February 2015

Outcome- Developed strategies and measures for adapting to a changing climate

Project Promoter	Name of the project	Grant (euros)
Estonian Environmental Research Centre (EERC)	The elaboration of Estonia's draft National Climate Change Adaptation Strategy and action plan	426 645
University of Tartu – Theme Group 1	Assessment of climate change impacts elaboration of adaptations measures: planning, land use, health and rescue management (KATI)	221 486
Estonian University of Life Sciences – Theme Group 2	Climate change adaptation strategy and measures for thematic fields of natural environment and bioeconomy: BIOCLIM	317 341
SEI Tallinn – Theme Group 3	Estonian Climate Adaptation Strategy for Infrastructure and Energy	280 881

Programme management

- ✓ **Programme Operator:** Estonian Ministry of the Environment (MoE), Foreign Financing Department
- ✓ Projects are shared between 3 persons from Foreign Financing Department
- ✓ An officer from Financial Department checks all projects financial reports.
- ✓ Communiation specialist
- ✓ The total amount of eligible cost of Programme Management - 146 776 euro
 - personnel costs
 - coopration committee meetings (In Estonia and in Norway)
 - Information days and meetings for Projects Promoters
 - Communication activities in Estonian

Fund of Bilateral Relations

The total amount of eligible cost - 114 226 euro

- ✓ Opening event 20.06.2013
- ✓ Partner days before the open calls
- ✓ Expert meetings before signing projects partnership agreements, exchange of experiences
- ✓ Study trip to Norway in May 2015
- ✓ Closing event in November 2016
- ✓ Communication activities in two languages at the end of programme (In Estonian and in English)
- Creation and publication of series of articles
- Production of information leaflets about the Programme overview (infographics)
- Carrying out Social Media campaigns (Facebook)
- Extra communication activities about adaption to climate change
- Keepake purchases for programme partners

Study visit to Norway

Representatives of the Ministry of the Environment, Estonian Environmental Research Centre and the members of the four researchers groups visited Oslo, Voss and Bergen

Norwegian Directorate for Civil Protection (DSB) helped to organize the trip

The study trip took place on 25 – 29.05.2015

The main attention of the study trip was Norway's experience in climate change adaption

- Norwegian climate change policy
- Experiences from flash flood
- Climate change work in urban settings
- University climate change research and development
- Regional risk and vulnerability assessment

Study visit to Norway

- ✓ The most important point of climate change adaptation in Norway has been to getting the municipalities involved
- ✓ Some of the main climate change challenges in Norway are the same as in Estonia:
 - too much water
 - new species
 - due to unfrozen ground forestry more complicated
 - erosion risk
- ✓ A good solution to heavier rain is green roofs – a tradition in Norway
- ✓ It is highly important to raise public awareness – citizens of the risk assessment results and farmers of climate predictions.

Good Practices

- ✓ Direct contact with Project Managers
- ✓ Before signing the Project Contract we had meetings with Project Managers
- ✓ Direct contact with NFP
- ✓ Direct contact with FMO (Barbro Thomsen)
- ✓ Good relations with Programme Partner (Norwegian Environmental Agency, Trygve Hallingstad)
- ✓ Contacts with other POs
- ✓ Flexible working time
- ✓ Changes experiences with other POs

Problems - bottlenecks

- ✓ Finding Partners from Donor States
- ✓ Finding experts to assess the projects
- ✓ To get correct documents from Donor Project Partners
- ✓ Too much bureaucracy with different funds (management costs, bilateral fund, complementary fund)
- ✓ Too thin time schedule for implementing the projects
- ✓ Modifications
- ✓ Leftovers

Modifications of the Programme Agreement

- 1) At the beginning of implementation of the projects the CC made proposal to change budgets of two predefined projects. The water predefined project decreased budget for 98 000 euros and climate predefined project increased budget for 98 000 euros. (2014)
- 2) 13.10.2015 FMO confirmed the period of eligibility of expenditures of the Water-modelling Project has been extended until 30 April 2017. 28.12.2015 were signed modification of the Programme Agreement (eligibility period of the programme will be end 31.12.2017)
- 3) To add leftovers in total 296 660 EUR to water-modelling Project for additional developments for the data-modelling system. (Ongoing process)
- 4) If there will be more leftovers then add those to bilateral fund.



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Thank you!

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