



Interreg

Latvija-Lietuva

European Regional Development Fund



EUROPEAN UNION



“Improving Governance and Management of Lakes in Kurzeme and North Lithuania” (LLI-449) LIVE LAKE

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KURZEME PLANNING REGION

LIVE LAKE PROJECT CONFERENCE 09.02.2023



KURZEME
PLANNING
REGION

About LIVE LAKE project

- ❖ Overall **objective** - to increase efficiency of lake resource management and governance.
- ❖ The main **project result** is strengthened capacities of local municipalities and environmental authorities to promote sustainable lake resource governance.
- ❖ Project **duration**: 27 months (01.03.2021. – 31.05.2023)
- ❖ **Budget** € 981 750, ERDF € 834 490

Project partners

Kurzeme Planning Region www.kurzemesregions.lv

Saldus County Municipality www.saldus.lv

Talsi County Municipality www.talsi.lv

Ventspils County Municipality www.ventspilsnovads.lv

Dienvidkurzeme County Municipality www.dkn.lv

Nature Conservation Agency www.daba.gov.lv

Directorate of Aukštaitija Protected Areas <https://astd.lrv.lt>

Directorate of Žemaitija National Park www.zemaitijosnp.lt



Project involves:

10 lakes and 1 water reservoir in Kurzeme - Durbe, Usma, Puze, Sasmaka, Būšenieku, Tosmare, Tāšu, Ciecere, Remte, Brocēni, Dzirnavu water reservoir on Tebra river in Aizpute

3 lakes in Northern Lithuania - Platelieai, Širvena lake and Kirkilai karstic lakes



LAKE SASMAKA

An aerial photograph of Lake Sasmaka, a large body of water winding through a lush green landscape. The lake is surrounded by dense forests and open fields. In the distance, a small town or village is visible, with several buildings and roads. The sky is overcast with soft, grey clouds. The overall scene is a mix of natural beauty and human development.

Talsi County Municipality
reconstructed locks of lake Sasmaka
and developed exploitation (management)
regulations for the lake

LAKE PUZE

Ventspils County Municipality

developed exploitation (management) regulations

2020-07-26 06:57:57
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LAKE USMA

Ventspils County Municipality

developed exploitation
(management) regulations

purchased reed cutting equipment
and started reed cutting

purchased bush cutter

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LAKE USMA

Nature Conservation Agency

study of lake bottom for pollution

set up security camera system for strict protected nature reserve Moricsala

installed data loggers to ensure monitoring of the hydrological regime of lake

organised media visit to lake Usma to inform about Moricsala Nature Reserve in its 110-year history, as well raise awareness on the achievements of the project

LAKE BŪŠENIEKU

Nature Conservation Agency

ensured habitat restoration and management in nature reserve
“Būšnieku ezera krasts” in EU protected habitat 7140 Transition
mires and quaking bogs in area of 4,5ha



LAKE TOSMARE

Nature Conservation Agency

ensured habitat restoration and management in nature reserve “Tosmare”
in EU protected habitat 7230 Alkaline fens in 20ha area

purchased and installed data loggers to ensure monitoring of the
hydrological regime of lake

developed Nature Management Plan for nature reserve “Tosmare”

LAKE CIECERE

Saldus County Municipality

**purchased reed cutting equipment and started reed cutting in lake
purchased and installed navigation equipment in Lake Ciecere –
buoys and navigations signs – to provide possibility for boats to
navigate in lake according to the allowed speed and minimize
negative impact of water transport**

LAKE BROCĒNU, LAKE REMTE

Saldus County Municipality
started reed cutting in lakes



LAKE DURBE

Dienvidkurzeme County Municipality

developed exploitation (management) regulations

LAKE TĀŠU

Dienvidkurzeme County Municipality

purchased reed cutting equipment and will start reed cutting in lake



DZIRNAVU WATER RESERVOIR ON TEBRA RIVER IN AIZPUTE

Dienvidkurzeme County Municipality

cleaned water reservoir on Tebra river in Aizpute town - total area cleaned
- 3 ha, amount of sediments taken out - 37000m³

LAKE ŠIRVENA

Directorate of Aukštaitija Protected Areas

organised cleaning events in Širvėna lake shores and islands for picking up the garbage from the lake

purchased bush cutter for management of areas in Biržai Regional Park



KIRKILAI KARSTIC LAKES

Directorate of Aukštaitija Protected Areas

ensured habitat management of Kirkilai karstic lakes in ~ 7 ha area
purchased and set up protective barriers in Kirkilai karstic lakes

LAKE PLATELIAI

An aerial photograph of Lake Plateliai, showing a dense reed bed in the center. A small white boat with two people is navigating through the reeds. The water is a mix of green and brown, indicating varying depths and vegetation. The surrounding area is lush with green trees and grass.

Directorate of Žemaitija National Park

developed and Action Plan for
Improvement of Water Quality in lake
Plateliai

purchased reed cutting equipment
and started reed cutting

purchased and installed data loggers
in Siberija swamp to monitor the
hydrological regime

EDUCATIONAL ACTIVITIES (1)

- ❖ 2 educational seminars - one in Lithuania and one Kurzeme (to be organized)
- ❖ educational room in Biržai Regional Park
- ❖ study visit to Rāzna and Lubāna lakes in June 2022



EDUCATIONAL ACTIVITIES (2)

Education campaign for limiting the use of phosphorus

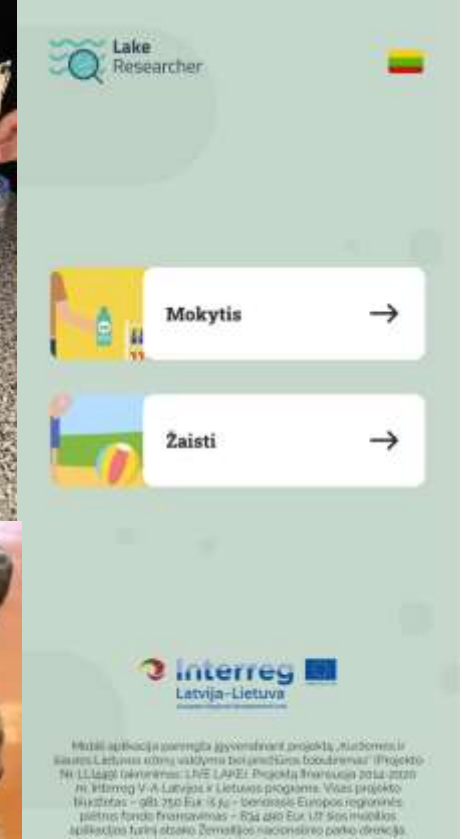
Environment education experts provided lessons, based on education programme, using mobile application **Lake Researcher**, animated movie

<https://www.kurzemesregions.lv/kurzeme-izglito-skolenus-par-slapekla-un-fosfora-ietekmi-uz-ezeriem/> ,

printed bookmarks and souvenirs: pencils, bamboo straws, magnets, etc.

Target group: 4th – 6th grade students (of age 10 and more).

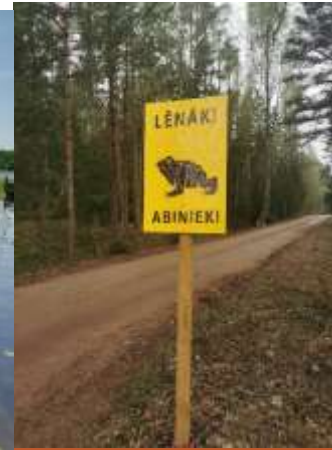
Result: 18 schools involved and 520 children educated.



EDUCATIONAL ACTIVITIES (3)

Nature Conservation Agency:

- ❖ Developed **educational programme for the study of water communities**. Nature education specialists will be able to run lessons both at Slītere NP and at other protected areas.
- ❖ **Educational campaign about amphibians «Mission Toad. Save the prince!»** organise to draw the public's attention to the disappearance of amphibians.
- ❖ The mobile in-doors **exhibition "Life in the Lake"**, consisting of 11 printed stands and six interactive games is being moved to different locations within the project area.



PROJECT OUTPUTS

- ❖ improved governance of 6 lakes
- ❖ improved nature management in 12 lakes /water reservoirs
- ❖ implemented 2 educational campaigns
- ❖ designed 2 environment education programmes
- ❖ established one educational room
- ❖ in-doors movable exhibition about life in lakes exhibited in the project area
- ❖ 8 organisations supported by strengthening their capacities to promote sustainable lake resource management and governance, and improving environment resource management



THANK YOU!

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More about the project:

<https://www.kurzemesregions.lv/projekti/vides-aizsardziba/live-lake/>

