CS#3 Partners Meeting







Biržai, Lithuania
15.05.2025

NATALIE
Accelerating and mainstreaming transformative NATure-bAsed solutions to enhance resiLIEnce to climate change for diverse bio-geographical European regions

ZEMGALES PLĀNOŠANAS REĢIONS

NATALIE (2023 – 2028)

NATALIE Project: Nature-Based Solutions for Climate Change

Planned activities in Zemgale Region:

Zemgale pilot territories will conduct research related to the topic **of water**.

- Establish 2 new and monitor them along with 4 operational **constructed wetlands** for treatment of wastewater from small settlements and agricultural/industrial activities,
- Estimate **the potential for constructed wetlands** in the region.





IMPORTANT!

In the project, the follower region for the Zemgale region is the Biržai District Municipality in Lithuania, which cooperates and will take over the experience gained at the end of the project.

ZEMGALES PLĀNOŠANAS REĢIONS

Technical parameters and criteria for the selection of sites for the establishment of artificial wetlands in municipalities within the framework of the NATALIE project

2 types of wetlands:

- **for domestic (small settlements) wastewater treatment**
- **for industrial/commercial (agricultural/industrial) wastewater treatment**

The assessment will ensure that the objects are in two municipalities.

All criteria were discussed and developed jointly by 3 project partners - ZPR, BEF, LBTU and were presented to the municipalities before the evaluation.

Evaluation:

- Technical parameters - LBTU
- Criteria – ZPR, BEF
  - Administrative criteria
  - Additional criteria

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Administrative criteria

N	Administrative criteria	Description	Evaluation
1.	Confirmation from the relevant municipality of its readiness to carry out maintenance work from its own funds during the operation of the artificial wetland	Service life up to 30-50 years Maintenance - mowing, pipe flushing, etc.	Yes/No (exclusion criterion)
2.	Confirmation from the relevant municipality regarding permission for LBTU specialists to conduct sampling in the artificial wetland and organize demonstration events during the implementation of the NATALIE project	until 2028	Yes/No (exclusion criterion)

Additional criteria

N	Administrative criteria	Description	Evaluation
1.	Nature-based solutions are mentioned in the municipality's strategic development documents	The municipality must provide an Internet link (reference) to the relevant document	Yes (artificial wetland) - 2 points Yes (generally) – 1 point No – 0 points
2.	The location of the object affects a Natura 2000 area or other specially protected natural area	The location of the territory must be indicated - map	Yes – 2 points No – 0 points
3.	Number of residents covered by the construction site	Municipal data on the number of consumers connected to wastewater treatment plants	50-60 – 2 points 40-50 – 1 point <40 – 0 points
4.	Treated wastewater can be discharged into the environment	Open watercourse or reservoir or infiltration with low groundwater level The location of the treated wastewater discharge must be indicated - map	Yes (open) – 2 points Yes (infiltration) – 1 point No - 0 points

Wetland selection evaluation table according to additional criteria

Papildus kritēriji	Apraksts	Vērtēšana	Dobele Klūnas	Dobele Ukri	Dobele Sniķere	Dobele Ķevele	Jelgava Eleja	Jelgava Āne	Jelgava Garoza	Jelgava Līvbērze	Aizkr. Staburags	Aizkr. Sece	Aizkr. Vietalva
Dabā balstīti risinājumi ir minēti pašvaldības stratēģiskās attīstības dokumentos	Pašvaldībai jānorāda Interneta saite (atsauce) uz attiecīgo dokumentu	Jā (mākslīgais mitrājs) - 2 punkti Jā (vispār.) – 1 punkts Nē – 0 punkti	**0,5**	**0,5**	**0,5**	**0,5**	**1**	**1**	**1**	**-**	**0**	**0**	**0**
Objekta atrašanās vieta ietekmē Natura 2000 teritoriju vai citu īpaši aizsargājamo dabas teritoriju	Jānorāda teritorijas atrašanās vieta – karte	Jā – 2 punkti Nē – 0 punkti	13 km Skujaine upe **1**	7,1 km **0**	Ap 30 km **0**	Ap 19 km **0**	Ap 8 km **0**	Blakus Lielupe Palienu pļavas **2**	Blakus Lielupe **0**	**Līvbērzes NAI netiek vērtēta, jo nav sakārtoti īpašuma jautājumi.**	Blakus Daugava Ap 4 km Rīteri Plānots **1**	**0**	5,7 km Vesetas palienu purvs **0**
Būvējamā objekta aptverto iedzīvotāju skaits	Pašvaldības dati par notekūdeņu attīrīšanas iekārtām pieslēgto patērētāju skaitu	50-60 – 2 punkti 40-50 – 1 punkts <40 – 0 punkti	60 **2**	59 **2**	**81** **2**	**66** **2**	2028 132 piesl. **2**	4713 71 piesl. **2**	1574 47 piesl. **2**	**-**	**90** **2**	**300** **2**	**113** **2**
Punkti kopā			**3,5**	**2,5**	**2,5**	**2,5**	**3**	**5**	**3**	**-**	**3**	**2**	**2**

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Thank you!

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