



Loodushoiu
Fond

Znaczenie i ochrona mokradeł na terenach prywatnych – przykład z Estonii

Pille Ligi

Swamps and wetlands in the Baltic Sea basin
October 27, 2022

Private conservation ambassador

Landowners initiative for private
nature conservancy

Non-profit apolitical environmental
and nature protection association

Our owner - Estonian Forest Owners' Association:

20 local associations

8 000 owners

EEML 400 000 ha

40% private forestland



An aerial photograph of a vast, flat landscape, likely a wetland or marsh, during the golden hour of sunset. The sky is a mix of orange, yellow, and blue, with scattered clouds. The ground is a mix of green and brown, with a winding path or stream visible in the lower right. The overall mood is serene and natural.

AIM

NATURE CONSERVATION LEAD BY LANDOWNERS

We create the rules for voluntary & private nature protection areas

Creating register for voluntary protection areas

- including restored wetlands

Safe Harbour principle – nature protection agreement with landowner

De-demonizing landowners image and showing preactive owners:

- Pledge for keeping heritage trees (over x size of diameter, we voluntarily protect);
- Tree of the Year, European Tree of the Year
- Wildlife Estate certification issuer

AIM

SCIENCE not DOGMA

People and nature can't be separated

Focusing on biodiversity and climate neutrality topics, offering the apolitical alternative and help to cooperate between government and private sector in the science, increasing biodiversity and mitigation.

Juridical support for small-holders key habitat areas and high public interest areas

Science Board and Science Fund



Where do I come from

9 000 years ago ice melted

1.33 mil people (POL 38)

70% Estonians

hemi-boreal

Total area 45 339 km²

Estonia is 7x smaller from Poland

Related	Last	Previous	Unit	Reference
<u>Temperature</u>	6.28	8.12	celsius	Dec 2021
Precipitation	694.62	693.45	mm	Dec 2021
CO2 Emissions	10180.00	15320.00	KT	Dec 2019



Total area with melioration
1 363 973 ha (2018)

30%



Agricultural	640 443 ha	Forest land	723 530 ha
dreneage	604 297 ha	sh. state forest	485 600 ha
open ditching	36 146 ha	private forest	237 930 ha

Loodushoiu Fond and wetlands

Target:

Preserve biodiversity, preserve forest conservation functions and provide new opportunities for wetland conservation, and establish lasting collaboration between the community, business and landowner.

Objective 1:

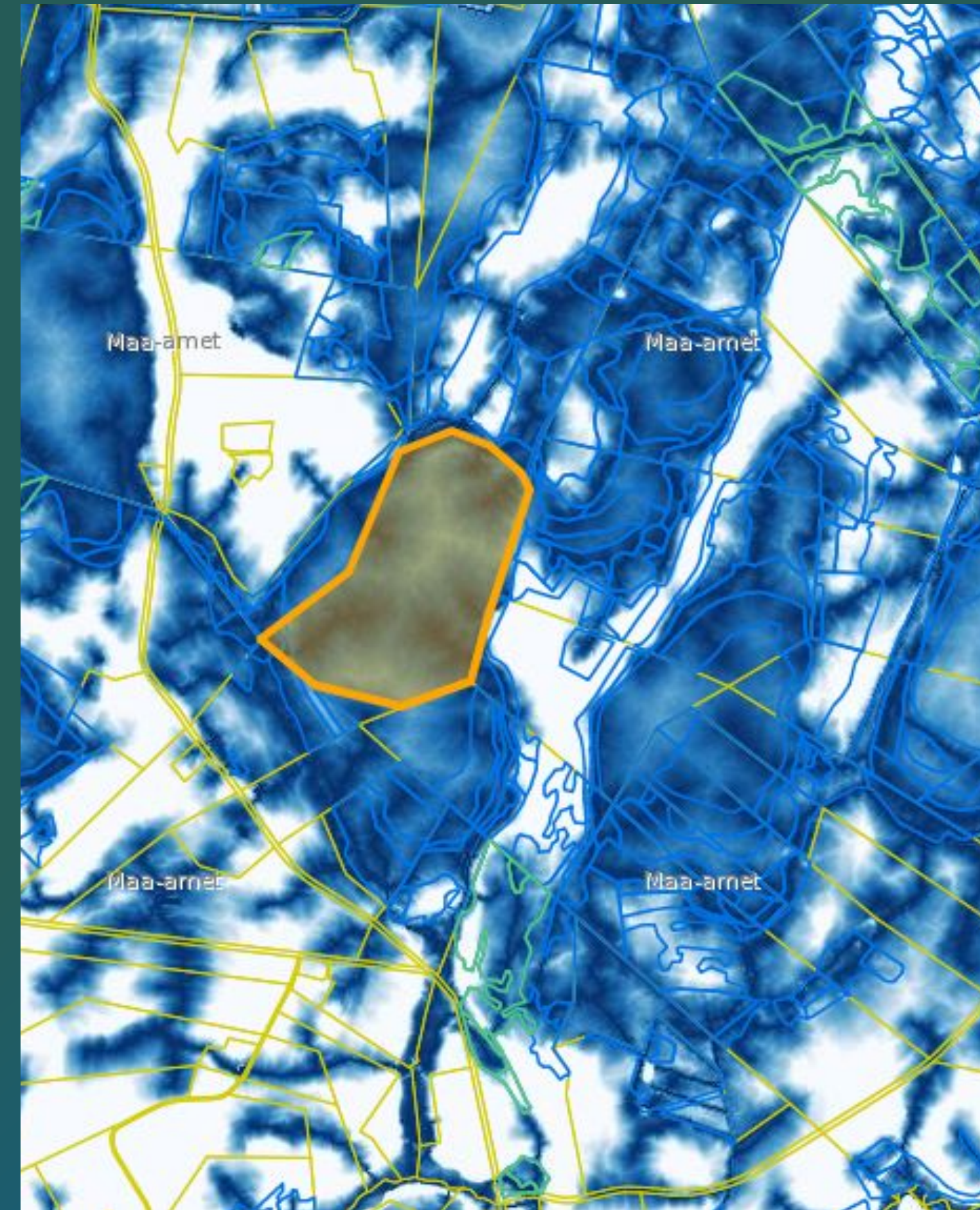
With private sector co-funding, provide nature conservation and wetland conservation outside protected areas, ensuring the restoration of drinking water and fresh water supplies.

Objective 2:

Bring partners together by introducing nature conservation activities as part of business activities, encouraging collaboration and behavioural change.

Briefly about private land possible project

Location: Põlvamaa, Estonia
Size: 27.6 (ha)
First year of operation: 2023+ (if)
Timeline: 40 years
Estimated amount of carbon credit: 184 tCO₂eq
Project type: Wetland and watercourses project
Potential area restored: 23 hectares
Protected species: 3
UN Sustainable Development Goal: 6, 13, 15



Briefly about possible private land project

Activity		Minimum budget
Expert opinion	Project for restoring wetland	- 1 000 €
Filling the ditch	Closing the ditches that are in the wetland	- 4 000 €
Digging ditch	30 eur/m roundabout ditch	- 20 000 €
Carbon credits	184 tCO ₂ eq (price 50 €/tonns)	- 9 200 €
Total for the restoration renovator		- 34 200 €





But

- Neighbours?
- Would it actually improve anything, as it was dug already in 1960s
- For third parties - carbon credits are sexy but not contributing to nature

Nature Conservation Strategy

Forsaw until 2020 at least 10 000 ha restored and
1 000 ha peat extraction areas

Today in Estonia

State Forest Agency has restored 17 000 ha of peatland areas,
more than 1000 ha peat extracting areas

8 million EU € + State Forest Agency

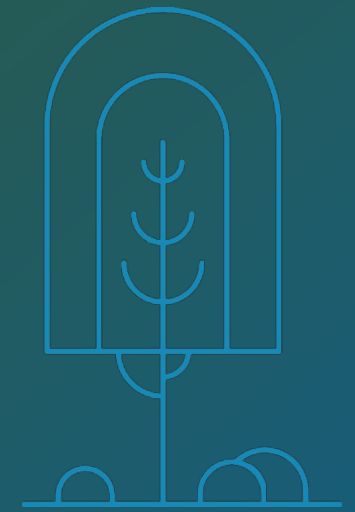
Willingness to participate in nature enhancement



AUTONOMY



COMPENSATION



PERSONAL
INTEREST

Contact

Pille Ligi

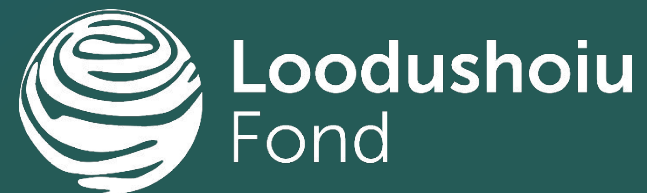
Member of Board

SA Loodushoiu Fond

Pille.Ligi@@loodushoiufond.ee

(372) 518 0641

[LinkedIn](#)



Anti Rallmann

An expert in land conservation and the head of forestry at Metsatervenduse OÜ and Melioration NGO - develops and implements ways to restore wetlands in practice.

Mob: +372 51 60 496

E-mail: anti@metsatervenduse.ee