



FRESHABIT

Co-operation to maintain Finland's water heritage

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Largest LIFE project in Finland ever

FRESHABIT is one of the first accepted IP -projects

- Nature-category
- **To improve the ecological status and biodiversity of aquatic N2000-sites**

Total budget ca. 20 M€ + complementary projects

- EU LIFE ~12 M€, own funding ~8 M€
- Complementary funding is raising while project is running (other than LIFE-funding)

Project period Jan 1st, 2016 – Sept 30th, 2022

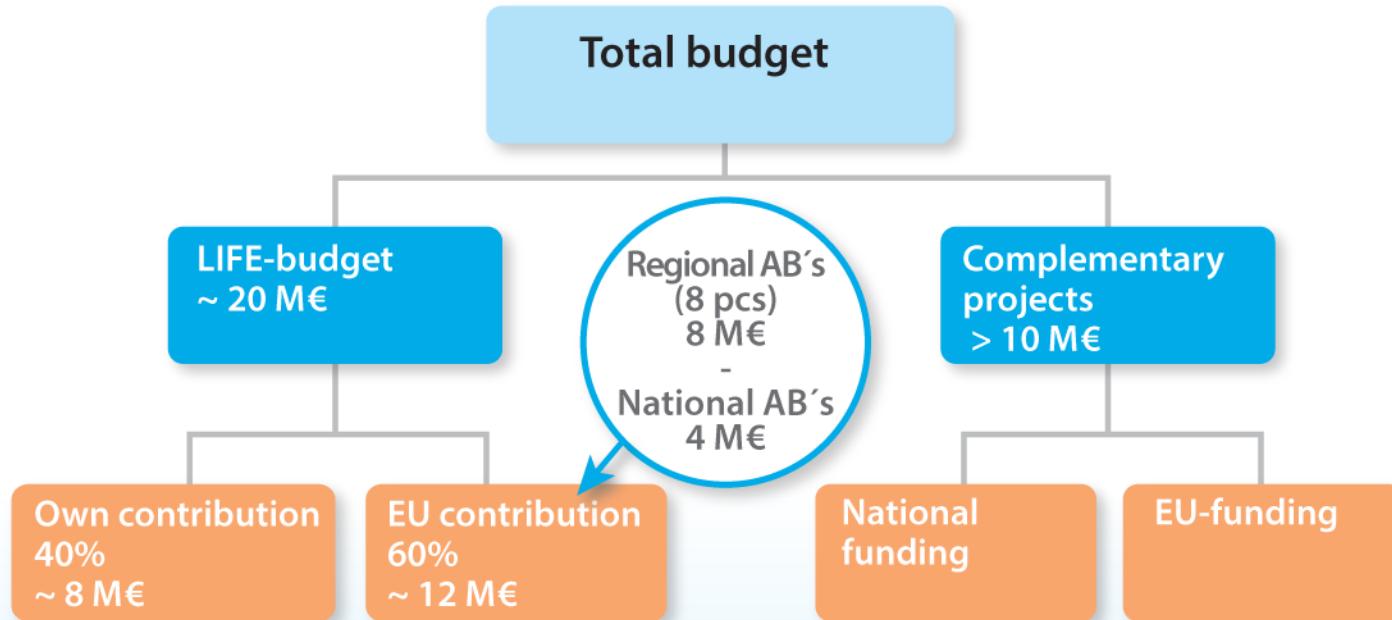
- 6 years 9 months

Metsähallitus Parks & Wildlife is the coordinating beneficiary

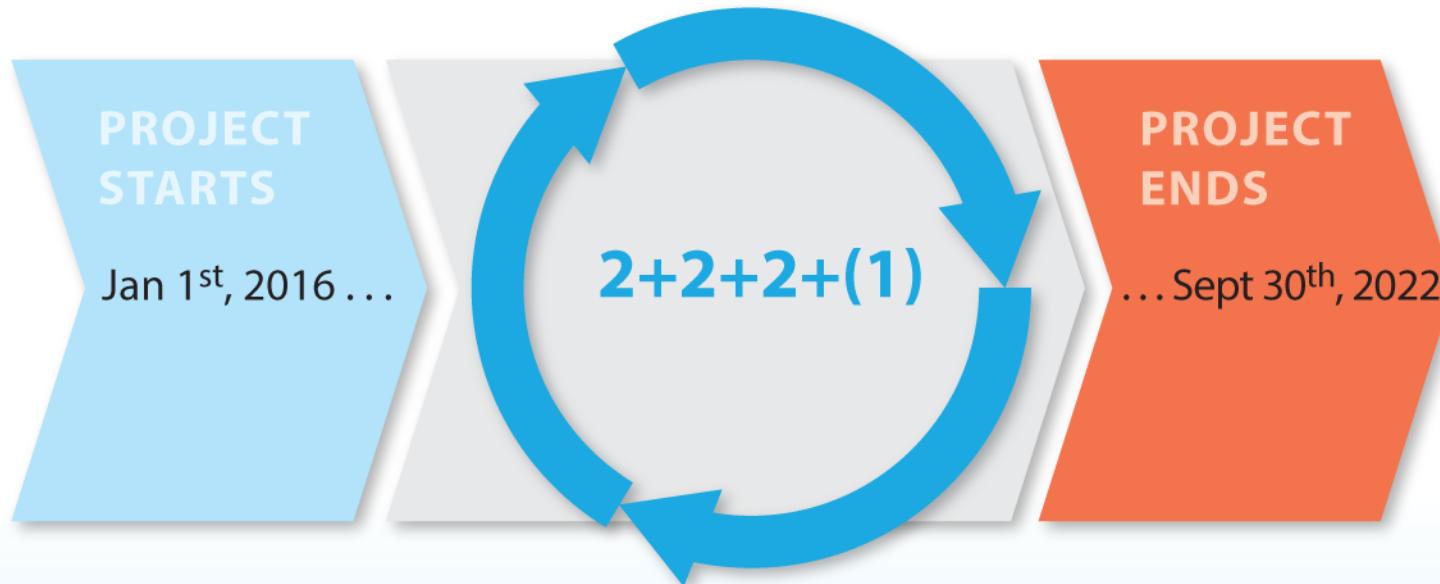
- 30 associated beneficiaries



New LIFE IP-type of funding



Project timetable



Payments and updating in cycles of two years



Target regions

The measurable impact on N2000-sites and/or species listed in Annex IV, V

- Freshwater Pearl Mussel; FPM
- 4 lake areas
- 3 inland water courses
- 5 coastal rivers

In total, 12 areas in 8 regions

- Actions vary among regions to some extent
 - Altogether 43 N2000-sites
- ~ 45 000 ha + 35 000 ha



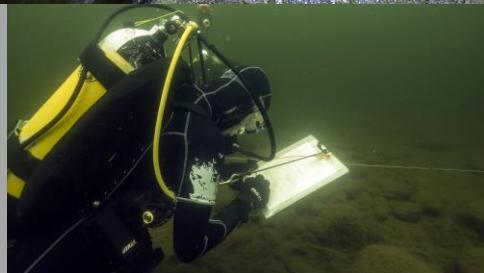
Long-lasting methods and practices

- We produce the 'road map` to the implementation of national PAF (Priority Action Framework)
- We advance the methodology related to assessment, modeling and monitoring of freshwater habitats, species, ecosystem services and cultural heritage
- We construct new coordination structures, models and networks with emphasis on HBD and WFD, and sustainable use of freshwater habitats, species and related resources in N2000 sites (capacity building)



AIM:

The ecological status and biodiversity of freshwaters will improve.



Improved ecological status and biodiversity of freshwaters

- We run a pilot for raising FPMs in laboratory and transplanting them back to natal rivers
- We implement concrete restoration actions in freshwaters and their water basins acting in and outside N2000 areas
 - State and privately owned areas
- We increase co-operation among water-nature-agriculture- and forestry organisations



AIM:

The project benefits also local entrepreneurs, recreational visitors and future generations who get to enjoy diverse freshwaters.



Increased awareness and knowledge of freshwaters

- We enhance sustainable use of freshwater resources by integrating conservation approach to entrepreneurship
- We raise awareness of natural, cultural and economic values of freshwaters by organising a variety of public events, nature schools and voluntary work sessions
- We are part of the high-class nature documentary 'Ahdin valtakunta'



AIM:

To provide information, increase awareness and motivate people to care of freshwaters.



Complementary funding

- Integrated Projects ~ complementary funding
- Other projects to complete main aims of LIFE-funding and thus contributing the national PAF-framework
- Not limited to target areas
- Genuine expert or action networking
- Initial stage ~ 4,3 milj.€
- Up to date ~27 milj.€



The list of names is not inclusive!

Complementary projects by 2017

Ministries and domestic funds ~3,6 M€

- Ympäristövirtaama/SYKE
- Restoration of Lake Evijärvi
- Esteet Pois/Iijoki
- Construction of waterways in K-S and Karjaanjoki
- Vesistökunnostuksia/ K-S, VV
- Villamon pato/Pohjanmaan joet
- Metsätalouden kuormitusseuranta
- Pohjavesi-indikaattorit

Structural, Maritime & fisheries funds

~6,3 M€

- Kalatalouden ymp.ohjelma/LUKE
- Patokato/WWF
- Water mgt in Baltic forests/LUKE
- Iijoen otva/Iijoki
- PienvesiGIS/Iijoki
- Kansallispuistojen hyvinvointi/K-S

KEMERA n. 800 000 €

- Koitajoki,K-S, Pohjanmaan joet, Puruvesi, Naamijoki

Rural funds ~ 3,2 M€

- Salpausselkä UG Geopark
- Kuormitus Kuntoon/E-Savo
- Kolmen helmen joet/Pirkanmaa
- Vyhyti II/PPO
- Luokse/K-S
- Yhteisillä aalloilla/VV
- HOLALAKE/Karjaanjoki
- L-U vesistökunn.verkosto/Karjaanj

Research funds ~ 6,3 M€

- SOVIKO /Koitajoki
- Järvikartoitus/K-S
- Raakut/K-S
- Vesistökunnostus/Kiskonjoki
- BIOWATER (Nordforsk)/OY, LUKE, SYKE
- SOSTPRO (ERA-NET)/OY

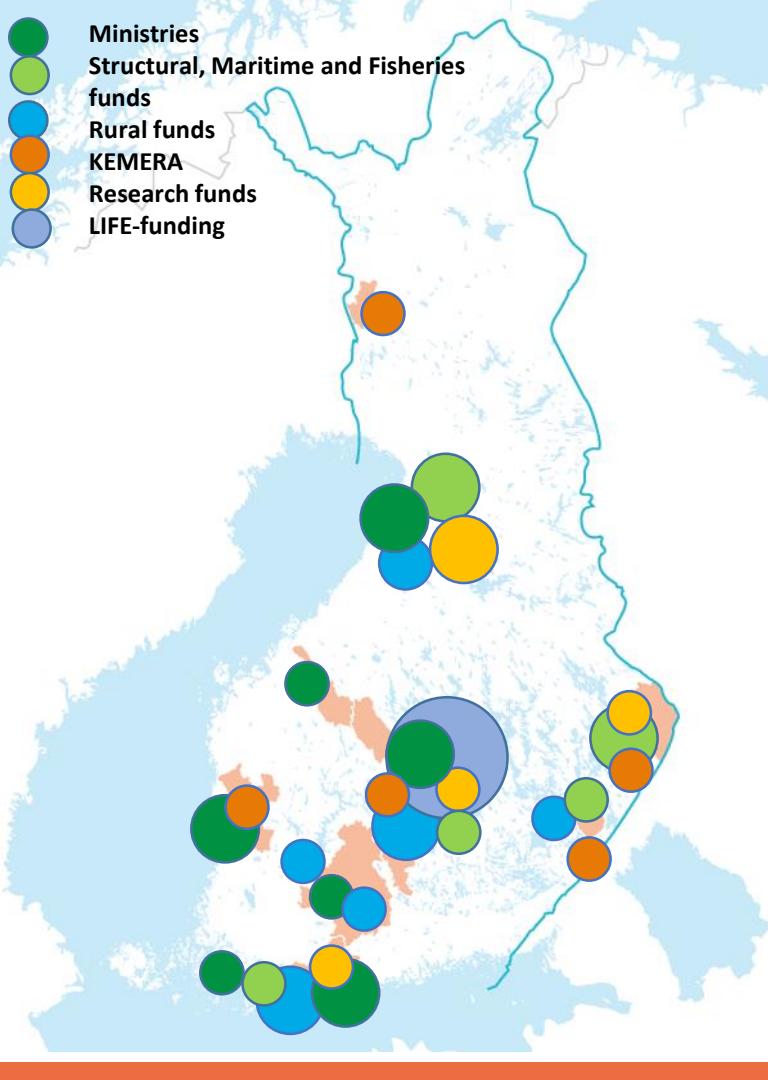
LIFE-funding ~9 M €

- Hydrology-LIFE

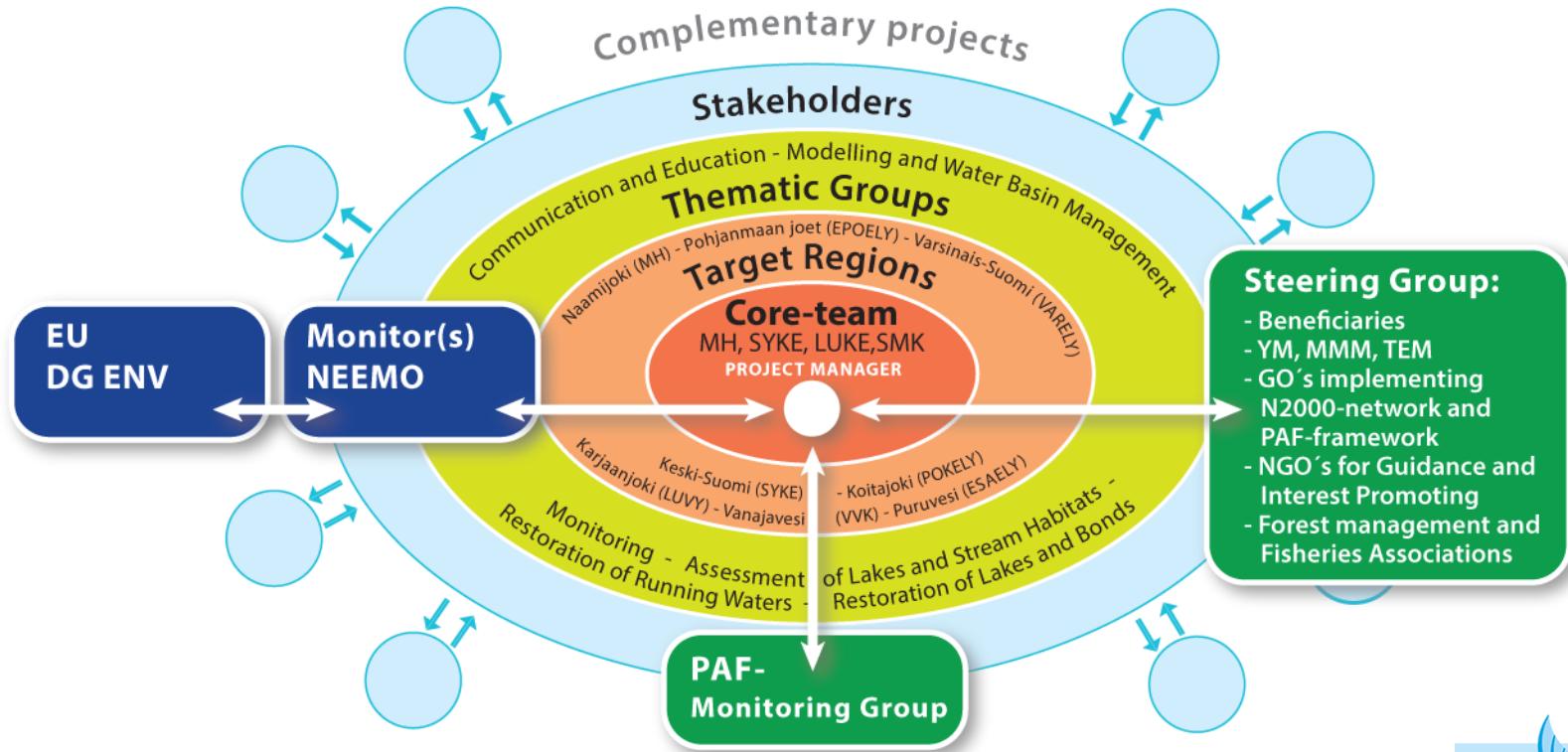
? Not yet confirmed



Ministries
Structural, Maritime and Fisheries funds
Rural funds
KEMERA
Research funds
LIFE-funding



Project management



Versatile partnership

Beneficiaries

Nature resources GO's:

- Metsähallitus Parks & Wildlife Finland
- Ministry of Environment
- ELY-centers;
Varsinais-Suomi, Keski-Suomi, Etelä-Pohjanmaa, Etelä-Savo, Pohjois-Savo, Pohjois-Karjala, Lappi
- Finnish Forest Centre

Cities

- City of Raasepori
- City of Saarijärvi

Companies

- Vattenfall Co., Ltd.
- DocArt LP
- Metsähallitus Forestry Ltd.

Research

- Finnish Environment Institute (SYKE)
- National Resources Institute Finland (LUKE)
- Geological Survey of Finland (GTK)
- University of Jyväskylä
- University of Helsinki
- University of Oulu
- Jyväskylä University of Applied Sciences (JAMK)

Water protection associations

- Association for water and Environment for Western Uusimaa
- Vanajavesi Centre
- Pro Puruvesi

Environmental NGO's

- WWF Finland
- Finnish Association for Nature Conservation (SLL)
- Regional Associations for Nature Conservation of Pohjanmaa, Häme and Central Finland
- Natur och Miljö

Financiers

- ELY-centers of Pirkanmaa and Häme
- Cities of Kolari, Kitee, Savonlinna and Lohja
- YLE, Ähtävänjokirahasto, Koskienergia Ltd.



Versatile partnership

Other stakeholders

GO's implementing N2000-network and PAF-framework

- MMM; notable indirect co-financier
- TEM
- ELY-centers
- Councils
- Towns of target areas

Other GO's

- National Board of Antiquities
- Finnish Wildlife Agency

Organisations for guidance and interest promoting

- BirdLife Finland ry
- Central Union of Agricultural Producers and Forest Owners (MTK)
- Finnish Federation for Recreational Fishing
- Finnish Forest Industries
- Finnish Energy
- ProAgria
- Finnish Hospitality Association (MaRa)
- Finnish Innovation Fund SITRA



Landowners, laymans

Fores management associations

Fisheries associations

Local and national entrepreneurs





THANK YOU!

www.metsa.fi/freshabit

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<https://www.youtube.com/watch?v=gt9lcpfm33c>

