



REPUBLIC OF ESTONIA
ENVIRONMENT AGENCY

RIVER RESTORATION IN ESTONIA



Euroopa Liit
Ühtekuuluvusfond



Eesti
tuleviku heaks

MY SHORT CURRICULUM VITAE

- 2005-2017 MINISTRY OF ENVIRONMENT, HEAD OF THE FOREIGN FINANCING BUREAU
- 2017 - ... ENVIRONMENT AGENCY OF ESTONIA, PROJECT MANAGER
- PUBLIC ADMINISTRATION, BA; ORGANIZATIONAL BEHAVIOUR, MBA



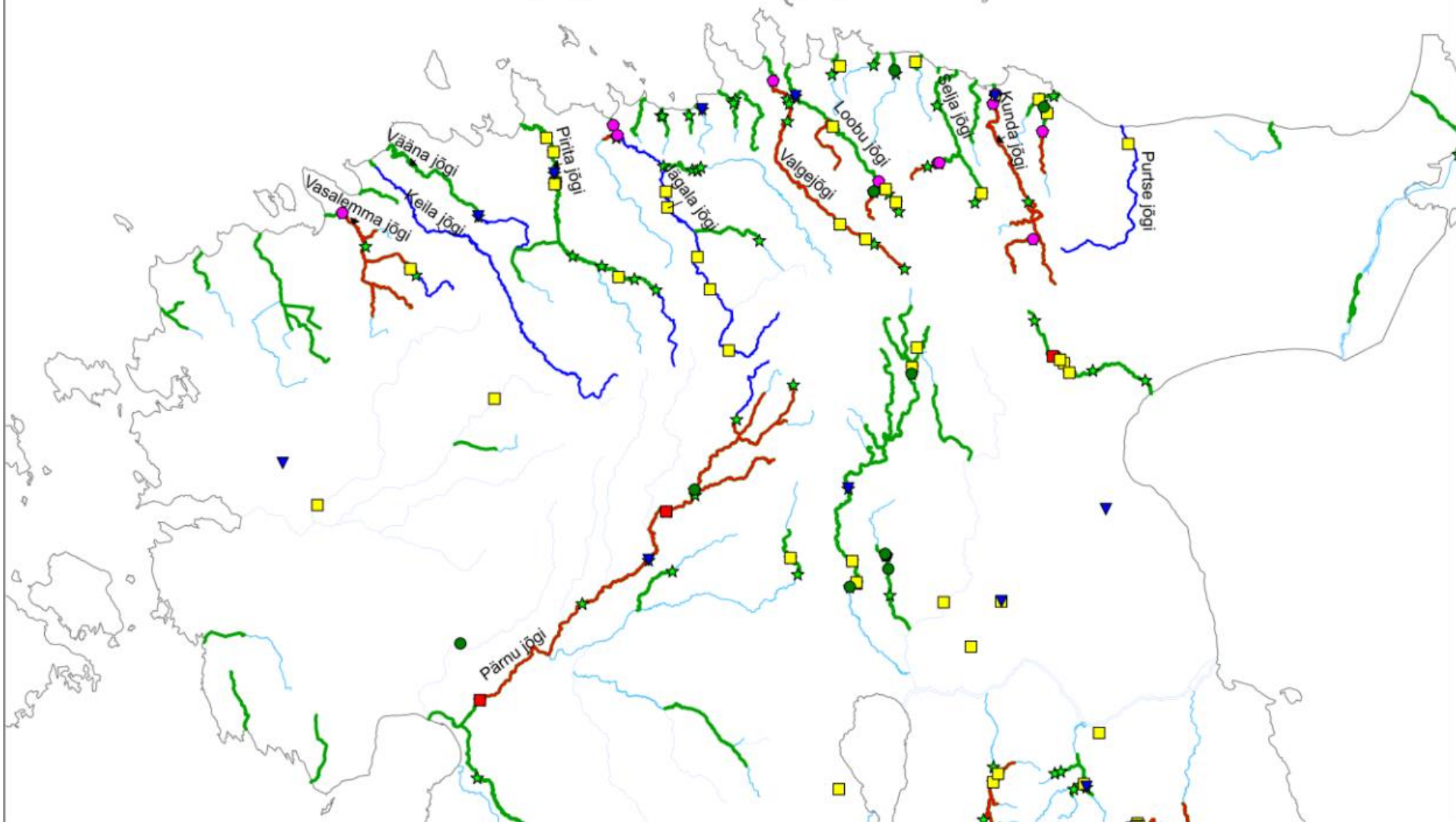
SOME FACTS ABOUT RIVERS IN ESTONIA

- ESTONIA HAS CA 7000 RIVERS (STREAMS)
- CA 1000 HISTORICAL DAM LOCATIONS, 160 OF THEM ON SALMONIDS RIVERS.
- 125 SALMONIDS RIVERS UNDER PROTECTION: PROHIBITED TO CHANGE HYDROMORPHOLOGY, RECONSTRUCT EXISTING DAMS, CREATE NEW BARRIERS.
- ALL EXISTING OWNERS ON SALMONIDS RIVER MUST ENSURE FISH MIGRATION UP- AND DOWNSTREAM.
- DAMS ARE NUMBER ONE REASON IN ESTONIAN RIVERS WHY WE ARE NOT ABLE TO ACHIEVE GOOD STATUS OF WATERBODIES.

DAM REMOVAL IN ESTONIA

- POLITICAL DECISION TO OPEN UP DAMS AND FIND FINANCE.
- WATER ACT – 2009 ENFORCED REGULATIONS ABOUT DAMMING: OBLIGATION TO ENSURE FISH MIGRATION; OBLIGATION TO DEMOLISH DAMS WITHOUT WATER PERMITS.
- SINCE 2007: STATE FINANCING MECHANISM: 85% EUROPEAN STRUCTURAL FUNDS + 15% STATE BUDGET (NGO-S, STATE OWNED DAMS, COMPANIES HAVE TO CONSIDER STATE AID RULES).
- MONEY FOR FULLFILLING REQUIREMENTS OF WATER DIRECTIVE (GOOD ECOLOGICAL STATUS OF WATERBODIES) AND NATURE DIRECTIVE (PROTECTION OF HABITATS FOR ENDANGERED SPECIES).
- OVER 120 DAMS OPENED (FISH PASSAGES) OR REMOVED!

Lõheliste jõgede avatus ja paisud



- | | | | |
|---|---|---|-------------------------|
| ★ | Töötavad paisud | ■ | Looduslähedane kalapääs |
| ● | Lahenduseta paisud | ▼ | Tehislik kalapääs |
| — | Rändeteed suletud | ● | Pais likvideeritud |
| — | Lõheliste määruse jõelõigud, ligipääsetav | ■ | Kalapääsu rajatakse |
| — | Jõed, kus lõhe koeb | | |



RESTORATION OF PÄRNU RIVER BASIN

PROJECT GOALS:

RESTORATION OF PROTECTED HABITATS AND RESTORATION OF HABITATS FOR PROTECTED SPECIES IN PÄRNU RIVER AND ITS TRIBUTARIES:

- TO ENSURE MIGRATION PASSAGEWAYS FOR PROTECTED FISH SPECIES,
- TO RESTORE AND BUILD SPAWNING AREAS AND HABITATS FOR PROTECTED FISH SPECIES.

SOME FACTS ABOUT THE PROJECT

BUDGET: 15 200 000 EUROS, 85% COHESION FUND, 15% ESTONIAN STATE BUDGET;

TIMEFRAME: 27.03.2015 – 31.12.2023.

MAIN ACTIVITIES: 3 DAM REMOVALS ON PÄRNU RIVER, 5 REMOVALS ON TRIBUTARIES, INCLUDING **SINDI DAM**

THE LARGEST NATURE PROTECTION PROJECT IN ESTONIA

THE FIRST SINDI RIVER DAM FOR WOOLFACTORY IN 1832



THE SECOND SINDI RIVER DAM, 1922



THE THIRD SINDI RIVER DAM, 1977

150 M WIDE, 4,5 M HIGH



**14 KM FROM THE SEA,
BLOCKS ~3000 KM RIVER „NETWORK“
AND 90% OF SPAWNING AREAS
IN PÄRNU RIVER BASIN**



22 FISH SPECIES DEPEND ON THE SPAWNING AREAS IN PÄRNU RIVER BASIN



TIMEFRAME

- MARCH 2015: STATE BOUGHT THE DAM FROM PRIVATE COMPANY
- MARCH 2015- OCTOBER 2017: DESIGNING AND NEGOTIATIONS
- OCTOBER 2017-JUNE 2018: ENVIRONMENTAL IMPACT ASSESSMENT, PROCUREMENTS
- JULY 2018: CONTRACTING, PREPARATION WORKS

OCTOBER 2018



JANUARY 2019

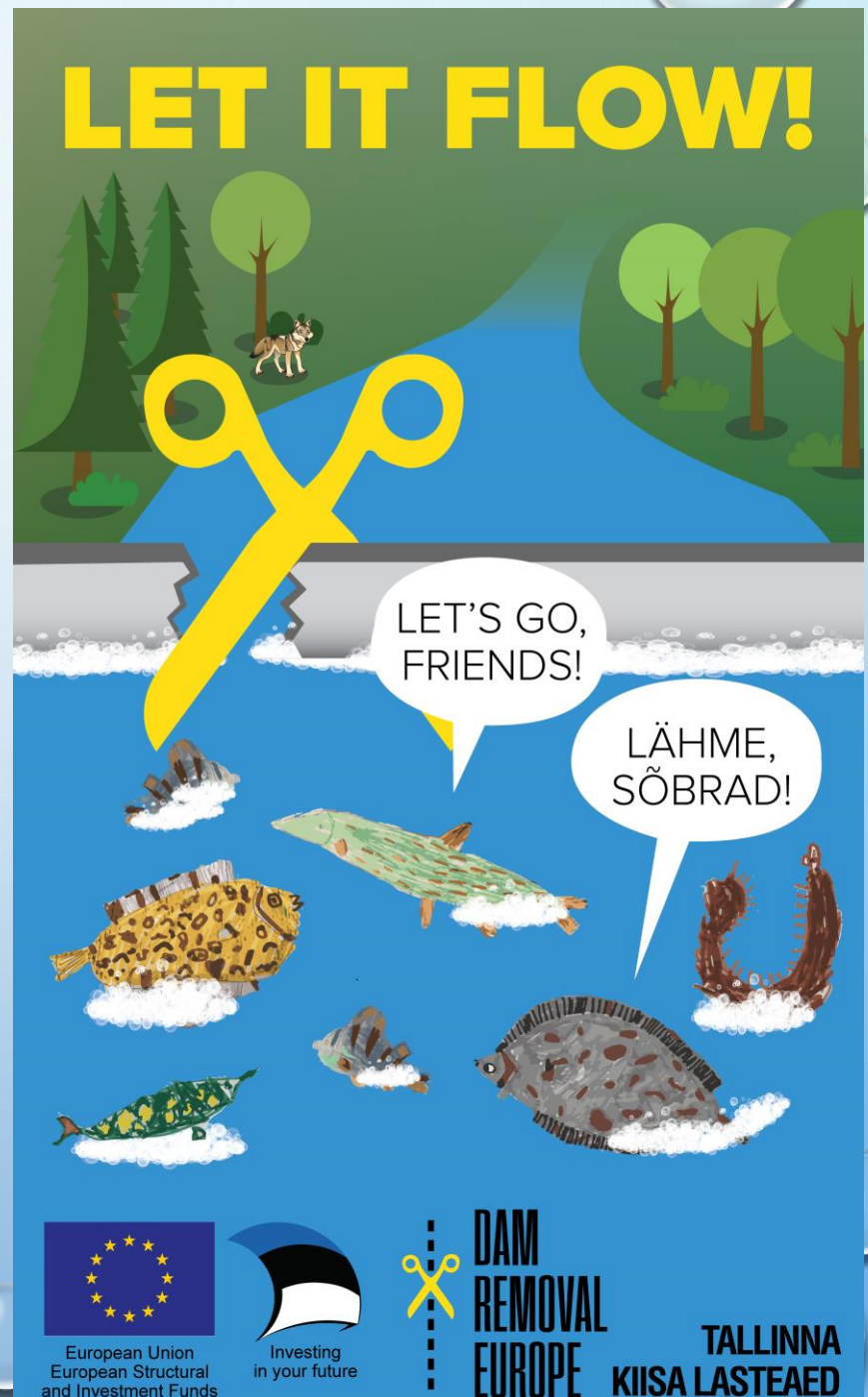


**...AND WE PLAN THAT IT LOOKS
SOMETHING LIKE THIS IN 2 YEARS**



**COME AND SEE
WHAT WE HAVE
ACCOMPLISHED!**

**DRE SEMINAR IN
ESTONIA: 22.-23.05
2019**



IF YOU HAVE ANY FURTHER QUESTIONS, CONTACT
THE PROJECT MANAGER:

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THANK YOU!

