



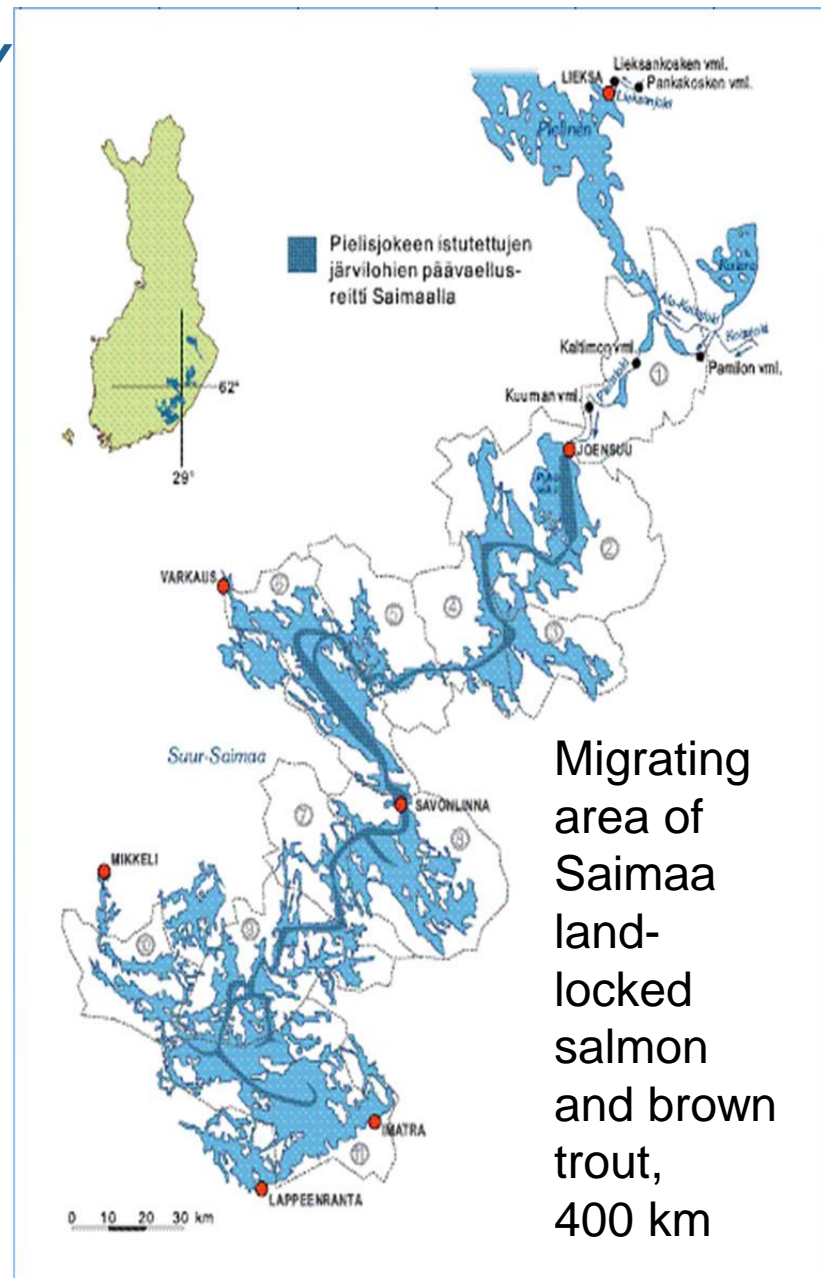
FARNET TRANSNATIONAL SEMINAR FOR FLAGS
VIGO (GALICIA), SPAIN 13 - 15 MARCH 2018
FLAGS and local resource management

Developing selective systems for vendace (*coregonus albula*)
trawls to reduce by-catch of endangered salmonids

East Finland Flag
Pekka Sahama

EAST FINLAND FISHERY

- Vendace is the most important inland fish species in commercial fishery
- Annual catch 4 – 6 million kg, 70 % from East Finland
- Estimated ecologically sustainable yield 8 – 13 million kg (Marjomäki, JYO)
- Trawl and seine fishing most effective and specific method
- No environmental effects (bottom disturbances etc.)
- By-catch problems of endangered salmonids (young land-locked salmon and brown trout)
- Conflicts between water owners and recreational fishing



FLAGS ROLE:

- Previous results in developing seal safe trap nets
- Commercial fishermen want to make fishing method more sustainable
- Study projects by FLAG
- Meetings, beginning of co-operation with researchers, fishing gear manufacturers, funders and commercial fishermen
- Future Missions Ltd, private development company from our area was found as a project owner
- project seemed to be so big that we needed support from axis 3 of the EFF
- Almost two years to start the project
- Total budget 155 000 €, 3 years

RESULTS:

- Co-operation with fishermen
- Focus on solutions which are easy to use for fishermen
- Good resources, under water cameras, etc.

Good results:

- New type of sorting grid developed
- Almost all salmonids swim out from the trawl independently
- Same time lost of vendace catch is really small
- certificate of sustainable fishing, MSC-assessment in progress

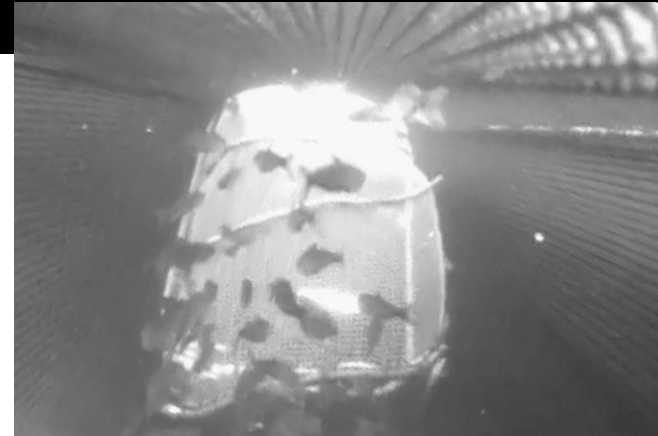
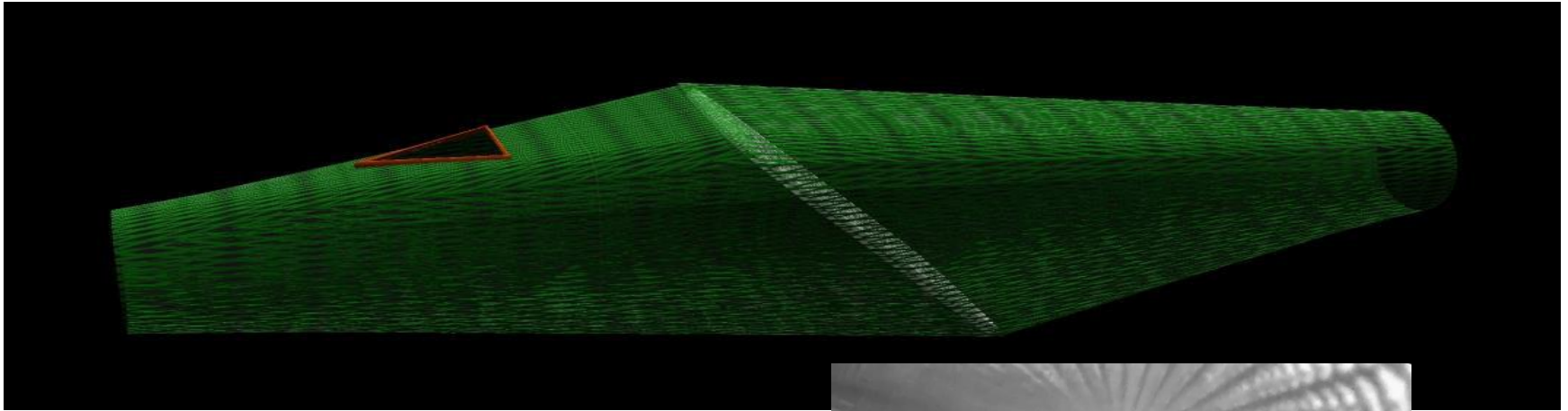
Inconveniences and problems:

- Several test fishing sessions had to be cancelled because sabotage, damages on fishing boats and test gear!!



farnet
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<http://futuremissions.fi/portfolio/selectivegrid/>



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