



farnet
fisheries areas network



Initiating use of undervalued resources

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#FarnetSmart



1. “LAKE FISH” project

- Background

- willingness of the municipal foodservice to use under-valued cyprinid fish products,
- fishermen's needs to develop their business
- local communities' interests to develop the local fishing industry.

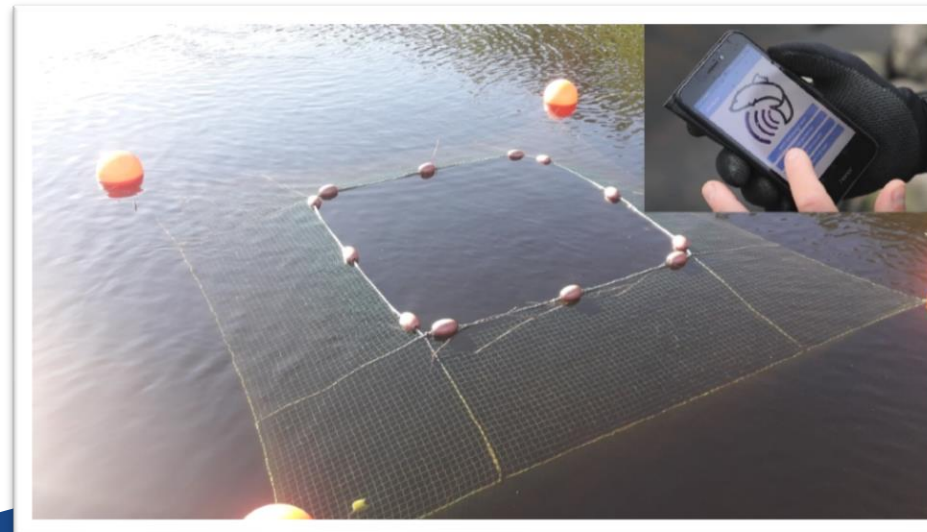
- Result

- new fishermen network to fish bream, roach and ide
- The innovation process model was applied to describe the development of individually quick-frozen lake fish steak
- new operation model was created for a factory of individually quick frozen (IQF) products in Vesanto fish harbour

Total budget 58950 €, FLAG funding 41 265 €.

2. “DOMESTIC CYPRINIDS IN A COMPETITIVE CIRCULAR ECONOMY”

- Cyprinids (roach, bream) relatively underutilized fish
- many ecological and economic benefits involved in catching them. One of the most sustainable sources of animal proteins
- By fishing cyprinids as a bio manipulation, remove nutrients from water, reduce eutrophication and manage fish stocks
- Need to find solutions to the central issues of using cyprinids in industrial food production: availability, logistics and handling process
- Total budget 330 000 € (primary funding Finnish Innovation Fund Sitra), FLAG funding 34 500 €



“DOMESTIC CYPRINIDS IN A COMPETITIVE CIRCULAR ECONOMY”

- The focus on improving the efficiency of logistics by identifying solutions that enable profitable transportation and collection of small and large catches of fish.
- Digital system will be developed to make the process effective, for sharing catch information between fishermen, government and transportation companies.
- Developing automatic gutting - improve the profitability and lower the price of the end product. Moreover, business models will be examined for enhancing the profitability throughout the value chain.
- Flag role is to work together with local fishermen
 - sorting fish already with gear, help to use new digital system
 - test different methods of fish chest to collect small by-catches from several fishermen to economically reasonable transportation,
 - ensure the “cold chain” from the fisherman to the processor.

Thank you !

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