

# STATE-OF-PLAY OF INNOVATIVE TECHNOLOGIES IN AQUACULTURE IN LATVIA

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# Policy

- EU policy
- National laws and Regulatory acts of the Cabinet of Ministers
- Aquaculture for restocking
  - State fish resource restocking program 2017-2020
  - State fish resource restocking program 2021- 2024
- Aquaculture for consumption
  - Strategy of aquaculture (EMFF)

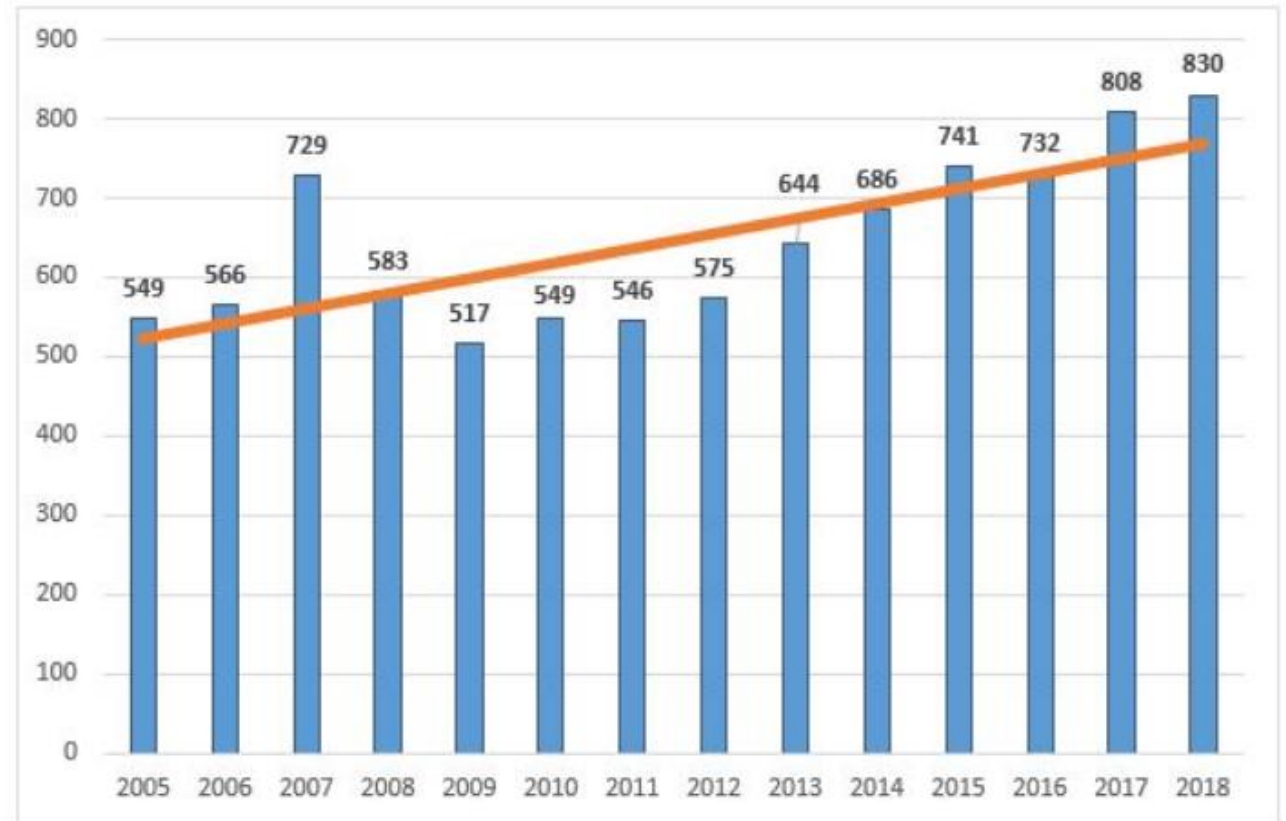
# Aquaculture in Latvia

## Fish for restocking

- Salmon, sea trout
- Lamprey
- Eel
- Vimba
- Pike-perch, pike, etc.

## Fish for consumption

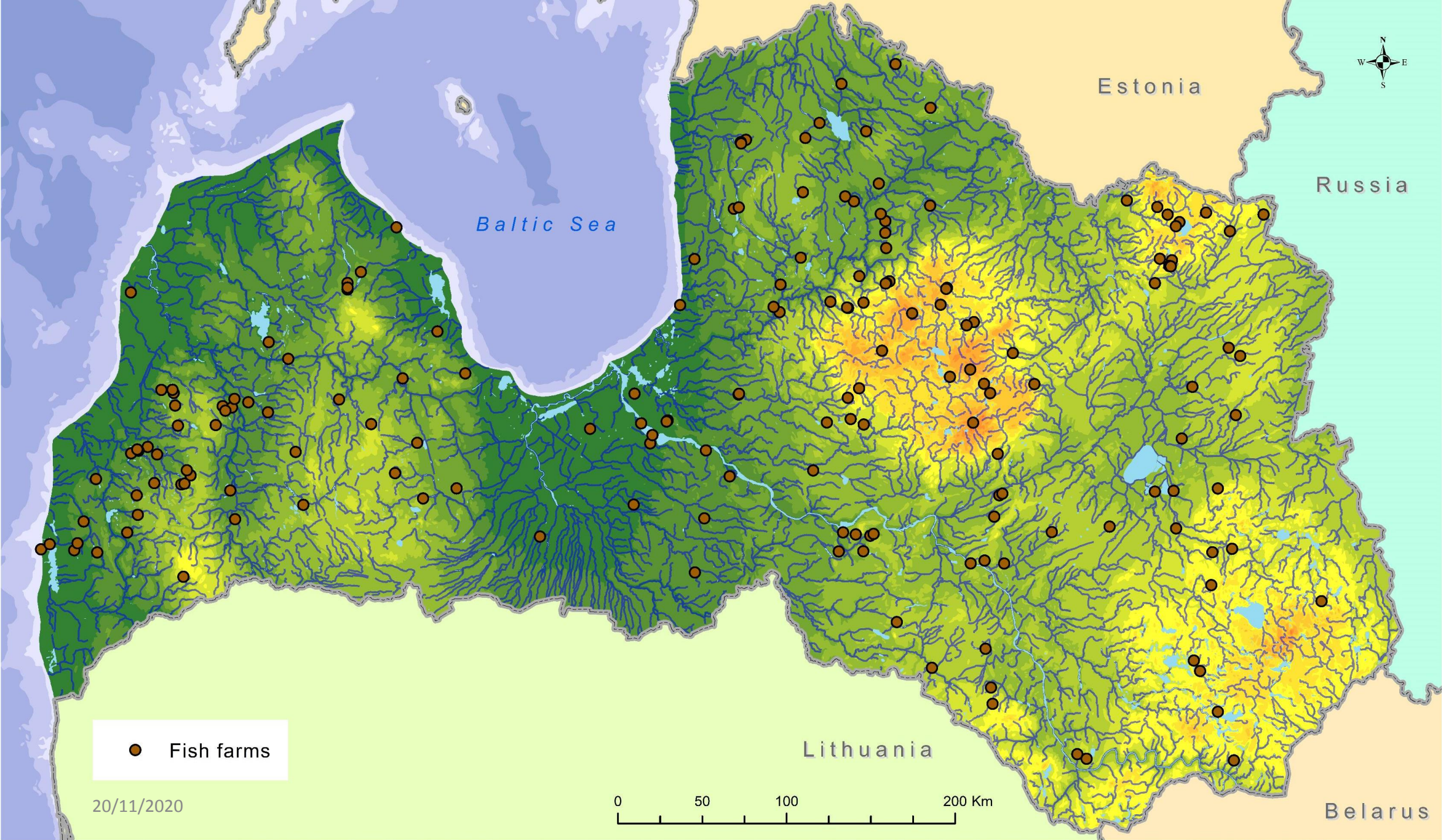
- Carp
- Rainbow trout
- Catfish
- Sturgeons etc.



Volume of aquaculture production in Latvia in 2018  
(tonnes)







Estonia

Russia

Lithuania

Belarus

Baltic Sea

● Fish farms

20/11/2020

0 50 100 200 Km



# State fish resource restocking program

- In 2019 fish hatcheries released 15 605 058 fry, fingerlings and smolts of various species of fish and lamprey ammocoetes in the waters of Latvia
- Fish for restocking are reared in flow-through or pond aquaculture systems
- Salmon, sea trout, lamprey, pike-perch, vimba, whitefish







20/11/2020



# Fish for consumption

- Pond aquaculture
- RAS system
- Flow-through
- Mixed systems



# Science for farmers and future development

## Aquaculture Research and Education Centre of BIOR

- Development of rearing biotechnology of new species (pike-perch, burbot)
- Experiments with fish (immunostimulatory research on fish)
- Practical trainings for farmers

## On-farm welfare assessment methods

## Genetic research of Baltic salmon and lamprey





Thank you for attention!

