



Faculty of Agrobiography,  
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# Aquaculture in Finland

Aquaculture

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# Finland

- Capital: Helsinki
- The Northernmost Agricultural Country in the World
- Area: 338,424 km<sup>2</sup>
- Inland Waters: 34 543,84 km<sup>2</sup> (10,2%)
- 187 888 lakes
- Population: 5,4 million
- Population density: 17/km<sup>2</sup>
- Precipitation: 500-700mm
- GDP: 201 billion €



# Consumption

- Consumption: 15kg/capita/year
  - Biggest native: rainbow trout (grown), baltic herring, vendace, pike, perch
  - Import: rainbow trout (grown), trout, tuna, baltic herring, herring
- Import: 76113 tons (human), 40090 tons (other)
- Export: 52926 tons (human), 7833 tons (other)

# Aquacultural Production

- Generally the fish travel from inland production facilities to marine environments
  - About 370 companies
- Production in marine and inland environments
  - Rainbow trout 12 242 000 kg
  - White fish 1 155 000 kg
  - Trout 113 000 kg
  - Other species 103 000 kg
  - Rainbow trout caviar 426 000 kg
  - White fish caviar 6000 kg
- Over twenty species of fish and crabs for planting

# Aquacultural Production

- Fish fry is produced in inland facilities
  - Net pools
  - Outdoor channels
  - Natural/Seminatural ponds
  - Circulating water facilities
- Usually combinations of different types of facilities
- Food fish is produced in marine facilities



# Future

- Big potential to increase production
  - 5000 km of shore line
  - 10% of the country is water
- National strategy for aquaculture: 20 million kg of production in Continental Finland by 2022

# References

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Project can be published in CULS website of this course

