

Erasmus+ presentation

Content list

- Maritime connections
 - Germany
 - Portugal
 - Italy
 - Turkey
- How can we increase the consumption of seafood, within sustainable limits?
- Solutions
 - Increase the consumption of seafood
 - Making aquaculture sustainable
- Pictures from this week

Germany

- Hanseatic trade
- Established in 12th century
- Dominated trade for 500 years
- Cultural, political and economical impact
- settled in Bergen in 13th century
- Kontor established in 1360
- Became Norwegian in 1754

Portugal

- Cod fish/ Salmon
- Textile/ Footwear Industry
- Husøy
- Technologies

Italy

- For the last 10 years the value of norwegianseafood exports has increased by 122%;
- Increase of 15% in terms of value and volume;
- The consumption of norwegian salmon is constantly increasing in italy;

Turkey

- Main Turkish import items from Norway are salmons, petroleum, gas and ferro-alloys.
- Main Turkish export items to Norway are fishing vessels, boats, containers for the transport and holding seafoods.

How can we increase the consumption of seafood, within sustainable limits?

- Problems
 - Sea lice
 - Scapes from aquaculture farms
 - Making it sustainable
- Goals
 - Increase consumption of seafood
 - Eradicate hunger
 - Sustainable growth

 Feed the worlds growing population

Solutions

- Sea lice
 - Place farms in locations where contact with wild fish is minimised
 - Vaccines
 - Closed systems
- Solutions for aquaculture farms
 - Technologies informing control center
 - Robots checking nets
 - Sensors in the nets (intelligent nets)

Increase consumption of seafood

- Advertise to raise awareness
- Reduce the price of seafood in supermarkets
- Cooking lessons in schools
- More protective areas → less pollution → more/healthier fish →
Hunt more profitable. → Prices decrease

Making aquaculture sustainable

- Fossil fuels. → Wind or solar energy (usage of wave energy)
- Grow their own seaweed
- Fish feces fertilize seaweed
- Reduce waste in fish production
- Introduce powersaving measures

Main challenges sustainability vs economic growth

- Sea lice
- Problems of aquacultural farms
- Powersolutions
- Profitability

Pictures from this week













