# Erasmus+ presentation

### Content list

- Maritime connetions
  - 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

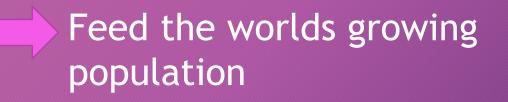
- For the last 10 years the value of norwegianseafood exports has increased by 122%;
- Increase of 15% in terms of value and volume;
- The consumption of norwegian salmon is constantly increasing in italy;



- 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



### 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 polution 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













