Ola Öberg

- Svensk Fiskodling AB, producing Pike-Perch indoor RAS, Rainbow trout in net pens Stockholm Archipelago.
- Expansion plans, Pike-Perch to 500 ton, room for investors

Representing Swedish Aquaculture Association

- Open for everyone with interest in Swedish aquaculture
- Expansion plans, increase Swedish aquaculture production, room for everybody
This presentation:

The perspective from the **Swedish** fish farm sector

- On the Swedish National Strategy 2012-2020
- On mussels from the Baltic Sea as a new ingredient in fish feed
The perspective

• *our commitments*

• *authorities commitments*
Swedish Aquaculture Association

On the Strategy 2012-2020

Aquaculture a future Swedish business area

The industry is responsible for:

- Investigate market
- Cooperation
- Support
- Specify training
- Useful Research and development
Swedish Aquaculture Association

On the Strategy 2012-2020

Aquaculture a future Swedish business area

Relevant authorities are responsible for:

• Support and promote
• Simplified regulations
• Interpretation
• Clear Standards
• Reasonable fees
• Training and skills development
• Interact
• Aquaculture counsel
Swedish Aquaculture Association

On the Strategy 2012-2020

Aquaculture is a driving force in regional development

The industry is responsible for:

• sustainable activities
• social development
• Importance of aquaculture economic
• suitable aquaculture areas
Swedish Aquaculture Association

On the Strategy 2012-2020

Aquaculture is a driving force in regional development

Relevant authorities are responsible for:

- decide on suitable aquaculture areas
- disseminating knowledge about aquaculture and its potential
- being responsive to the industry’s views on aquaculture opportunities and constraints
Swedish Aquaculture Association

On the Strategy 2012-2020

*Environmental and climate smart products from lakes and seas*

The industry is responsible for:

- high quality
- use by-products
- BAT
- competence in health, disease and environment
- disease control
Swedish Aquaculture Association

On the Strategy 2012-2020

Environmental and climate smart products from lakes and seas

Relevant authorities are responsible for:

- Support research
- National Breeding Program
- Monitor Health Status
- Raw Materials - closed cycle
Swedish Aquaculture Association

On mussels from the Baltic Sea

Pro et Con
Swedish Aquaculture Association

On mussels from the Baltic Sea

Pro et Con

Pros:

• Gives the product an added value thanks to the use of a local feed ingredient. (you can win margins on a higher sale price)

• Gives arguments why aquaculture is sustainable (makes you feel better)

• Aquaculture strengthens ecological services by removing nutrients from the sea, in the future perhaps a service that could be paid for
Swedish Aquaculture Association

On mussels from the Baltic Sea

Pro et Con

Cons:
• Higher feed price (you lose margins with a higher production cost)

• Not sustainable, if imported fish is fed on cheaper produced feed. (you compete on the same market)

• Value added products only address 20% of the market (the rest buy the cheapest)
Swedish mussel production today 1 500 ton /yearly
Present production area 4 ha
Severe problems with permits

Minimum production for processing plant 10 000 ton
Area demand West-Cost production 27 ha

Baltic 25-50% lower growth rate
Area needed in Åland 50 – 100 ha

Permits???????
Industry and Authorities have commitments on:

- **Aquaculture – a future Swedish business area**
- **Environmental and climate smart products from lakes and seas**
- **Aquaculture is a driving force in regional development**

Mussels as feed ingredient

- **Good if it works**
- **Can it really be economically feasible?**
OUR COMMON GOAL!
THANK YOU

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