



# ***Aquaculture***

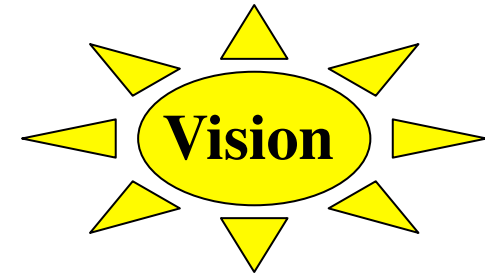
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## ***A Great Future at the Agricultural University***

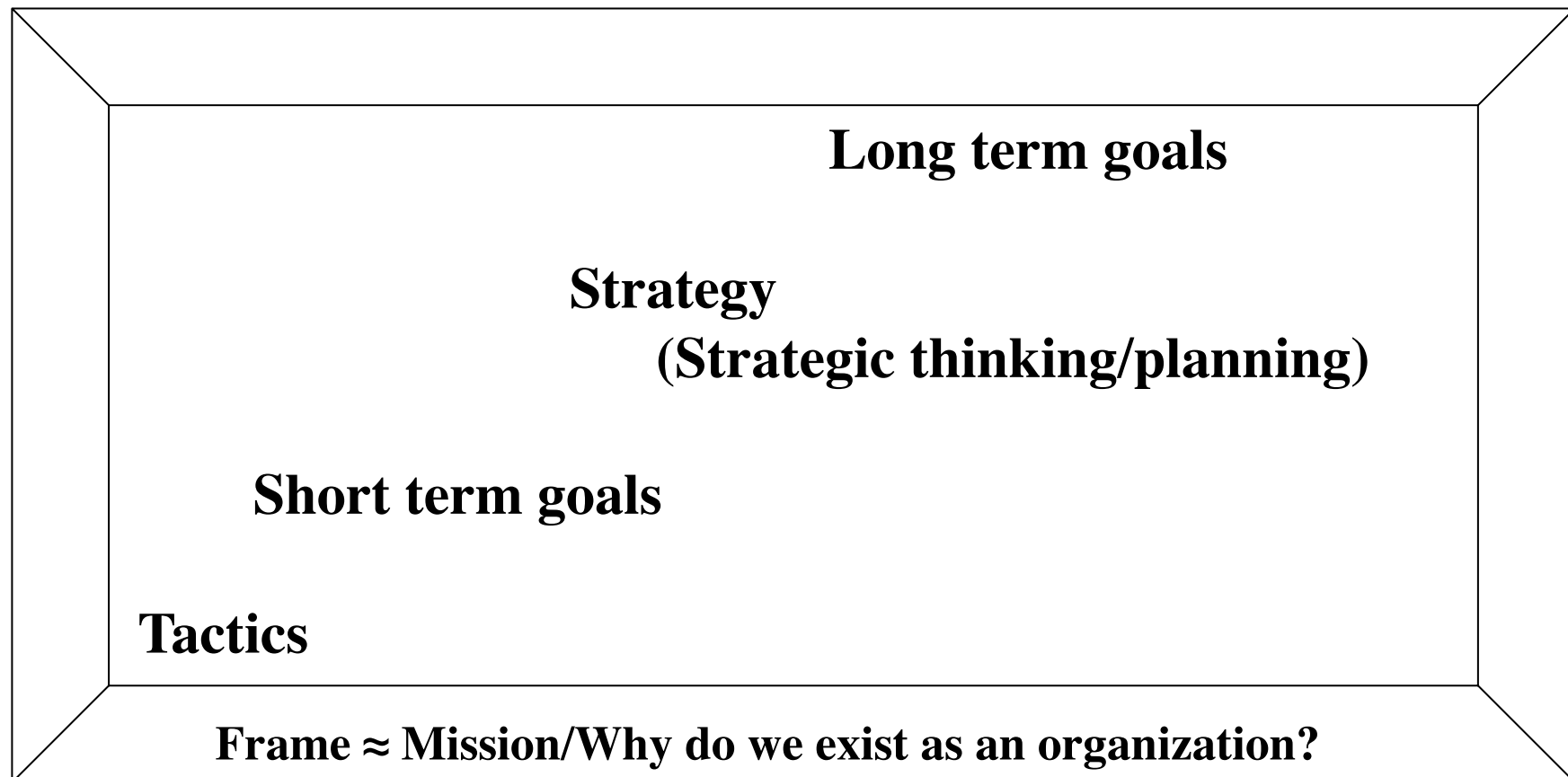
**Johan Schnürer**

**Professor microbiology**

**Pro Vice-Chancellor external research collaboration**



*Future Aquaculture at SLU*





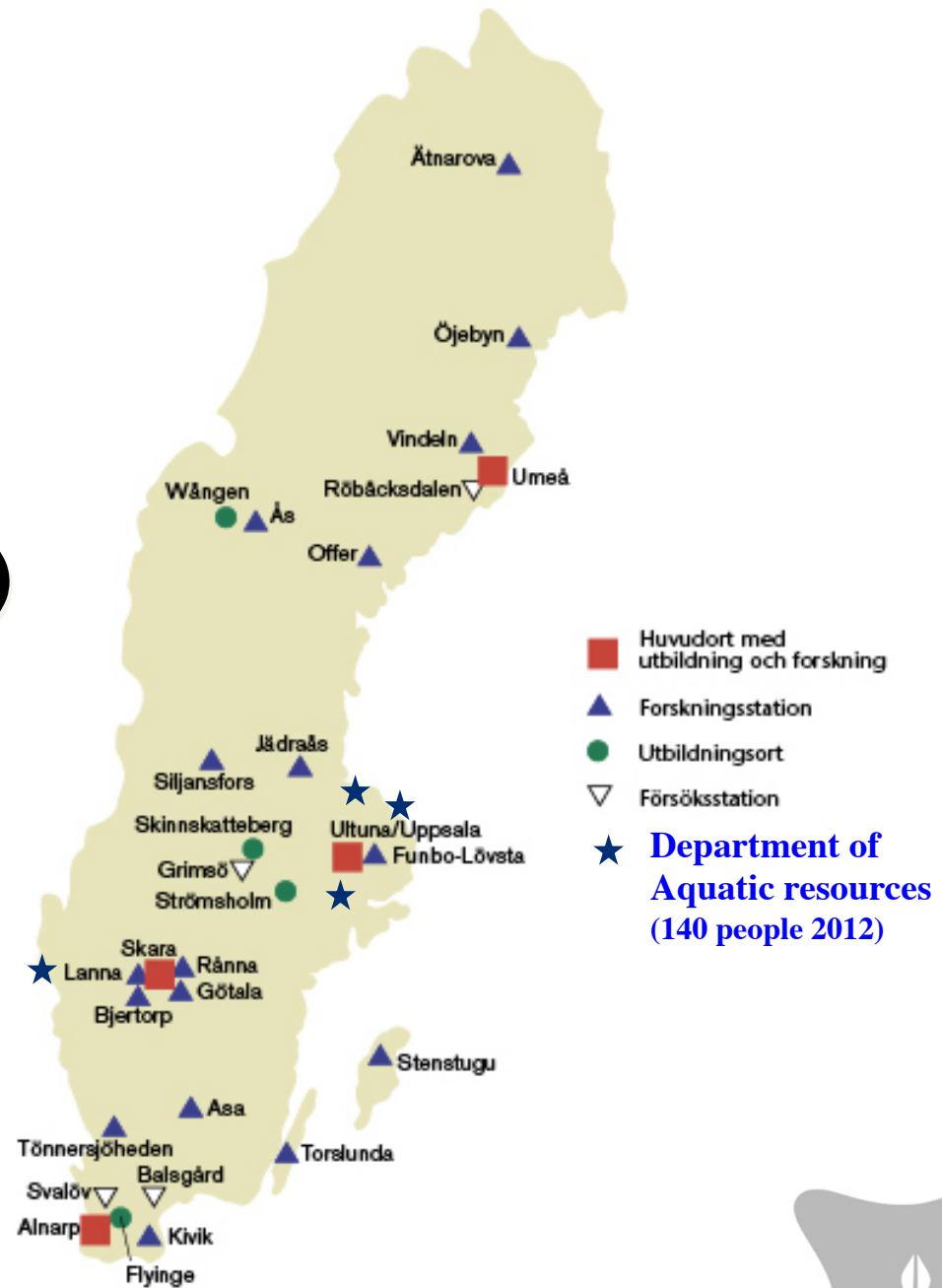
## **Mission**

*SLU develops the understanding and sustainable use and management of biological natural resources.*

**This is achieved by research, education and environmental monitoring and assessment, in collaboration with the surrounding community.**

**Plants, Animals (Fish included), Microorganisms  
(molecule, organism, ecosystem, landscape, "cityscape")**

# One SLU at (many locations)



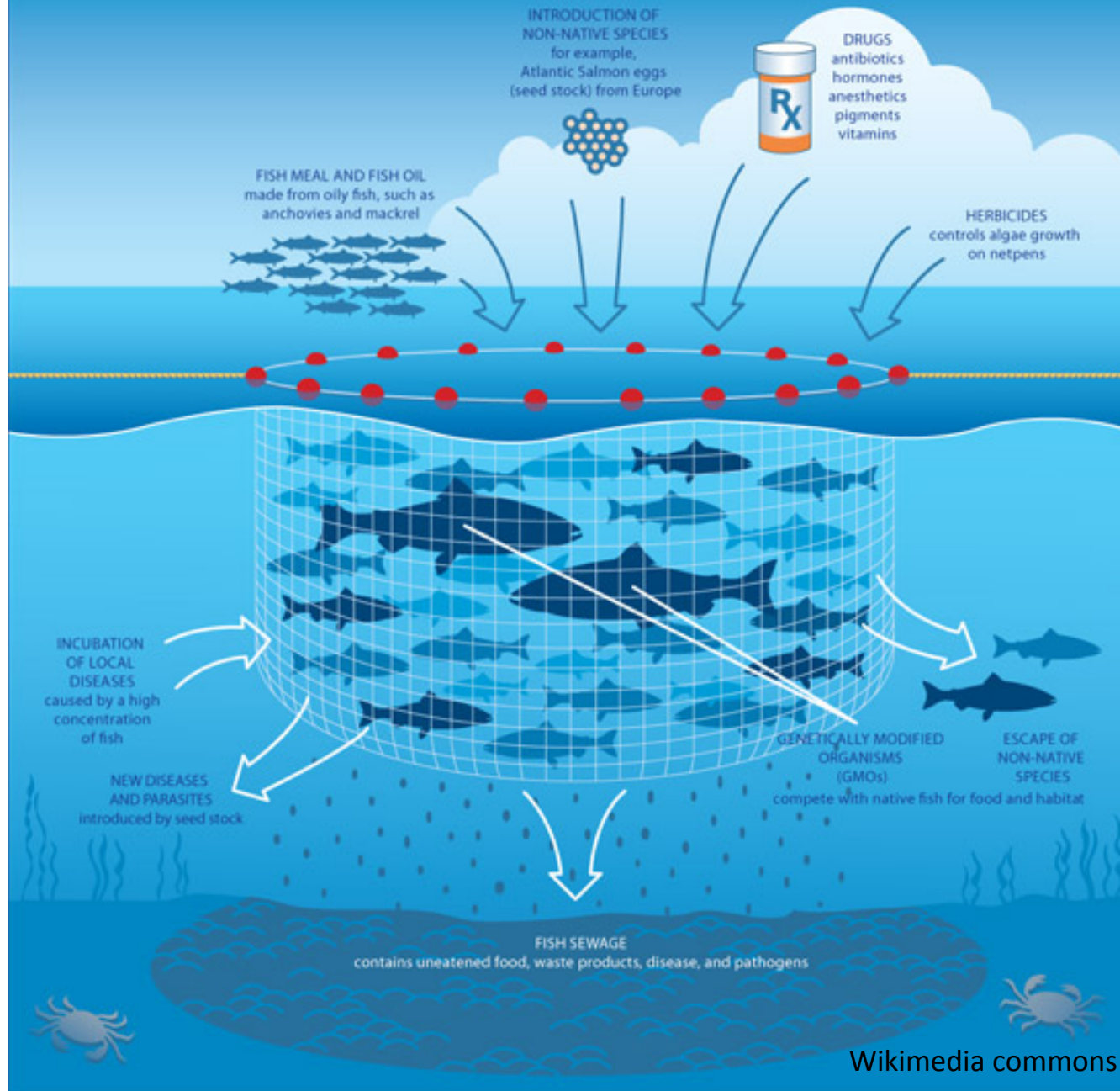
*“Global sea food frenzy”*



*“Not enough fish in the sea”*



# Environmental Risks of Marine Aquaculture



## ***Aquaculture and SLU research competence***

- **Fish Biology and ecology**
- **Genetics and breeding**
- **Anatomy and Pathology**
- **Toxicology**
- **Microbiology**
- **Epidemiology**
- **Animal rearing**
- **Feed science, nutrition, metabolism**
- **Ethology and animal welfare**
- **Ethics**
- **Environmental sciences**
- **Environmental communication**
- **Rural development studies**
- **Food Science**
- **Economy**
- **Systems analysis/LCA**



Arctic char breeding  
Photo: Eva Brännäs



# SLU Partnership

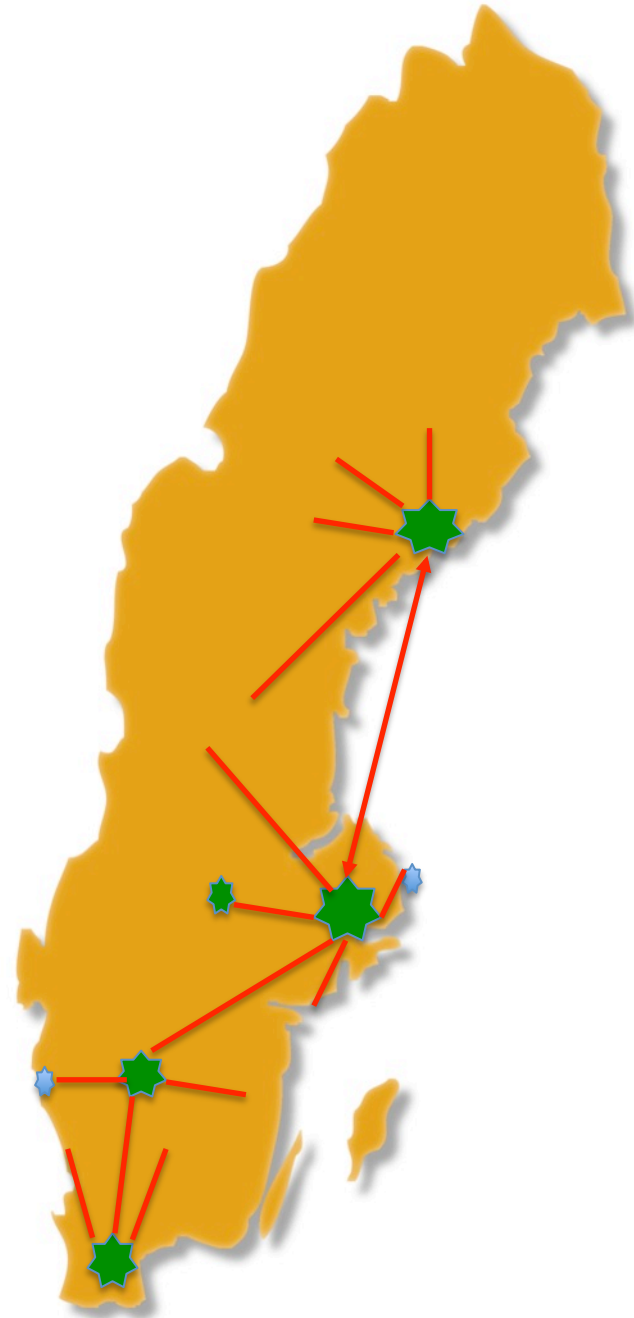
*"Serving Sectors and Society"*

"One SLU – many entrances"

Nodes (locations)

SLU Partnership

- aquaculture
- bioenergy
- landscape
- food
- forestry
- wild animals
- plant protection
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***SLU***

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***Serving***

***Science, Sectors and Society***