


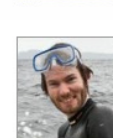







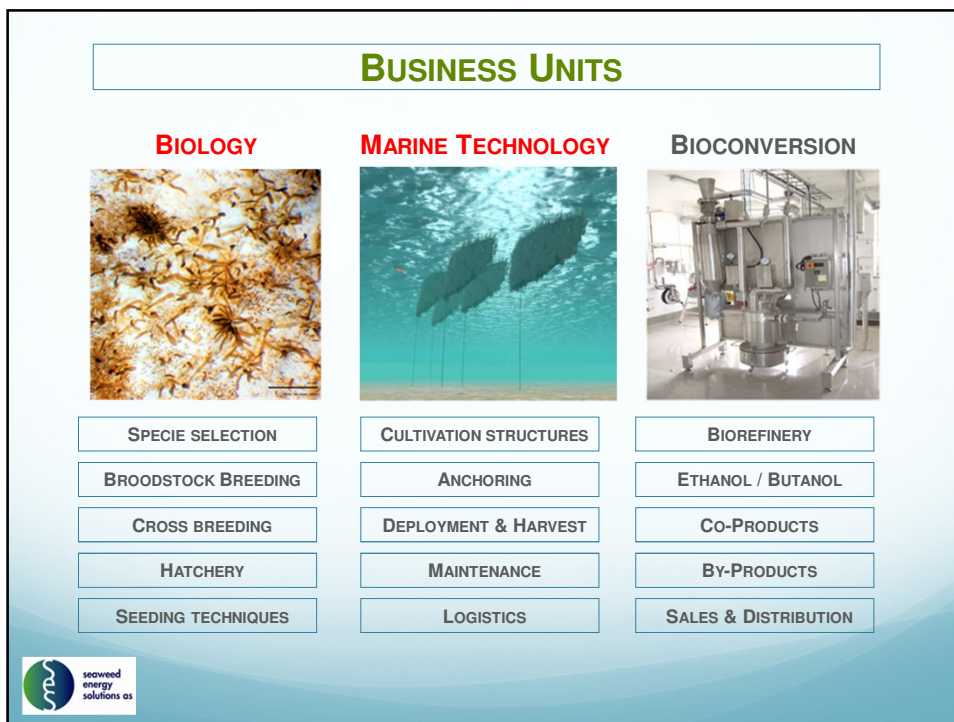


**A seaweed cultivation business  
- Dream or reality ?**

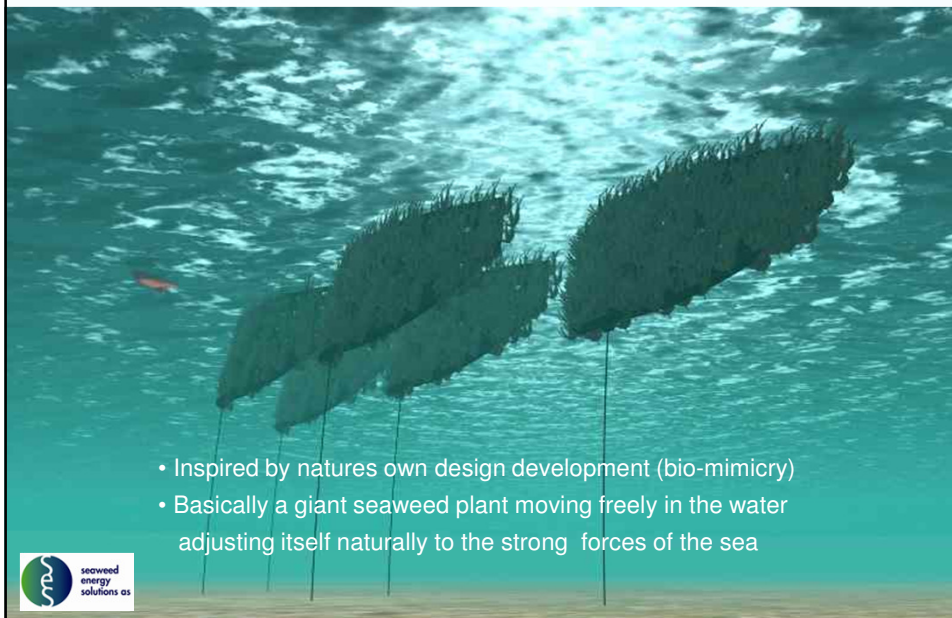


**Seaweed to biofuel  
Andreas Pütz 26.september 12**

 <p><b>Mr. Pål Bakken</b> <b>Founder and CEO</b> Bakken has a BSc with honours in Finance and Marketing (University of Oregon, USA). Bakken's working exper...</p>	 <p><b>Mr. Artur Simões</b> <b>Technology Development Manager</b> Simões has a National Higher Diploma in Civil Engineering (Witwatersrand Technikon, RSA) and over 20 year...</p>
 <p><b>Mr. Andreas Pütz</b> <b>Business Development Manager</b> Pütz has an MBA from the University of Gießen, Germany. He has worked as a director in IKEA Germany and ...</p>	 <p><b>MSc. Jon Funderud</b> <b>Marine Biology Manager</b> Funderud has an MSc in Marine Coastal Development (Dept. of Biology, Norwegian University of Science and ...</p>
 <p><b>Mr. Frank Neumann</b> <b>Marine Technology Manager</b> Neumann graduated as a Civil Engineer (Dipl.-Ing., Hydraulic Structures) from the University of Karlsruhe...</p>	 <p><b>Dr. Svein Jarle Horn</b> <b>Senior Scientist, Bioconversion</b> Horn has a PhD in the production of bioenergy from brown seaweeds (Dept. of Biotechnology, Norwegian Univ...</p>
 <p><b>MSc. Luiza Saliba Neves</b> <b>Marine Biologist</b> Neves has an MSc in Marine Environmental Management (University of York, England). She has been involved ...</p>	 <p><b>MSc. Kaia Kjølbo Rød</b> <b>Marine Biologist</b> Rød has an MSc in Marine Coastal Development (Dept. of Biology, Norwegian University of Science and Techn...</p>
 <p><b>MSc. Hélia Medinas</b> <b>Accountant</b> Medinas has a degree in Financial Management (I.S.C.T.E., University of Lisbon, Portugal). She is a techn...</p>	



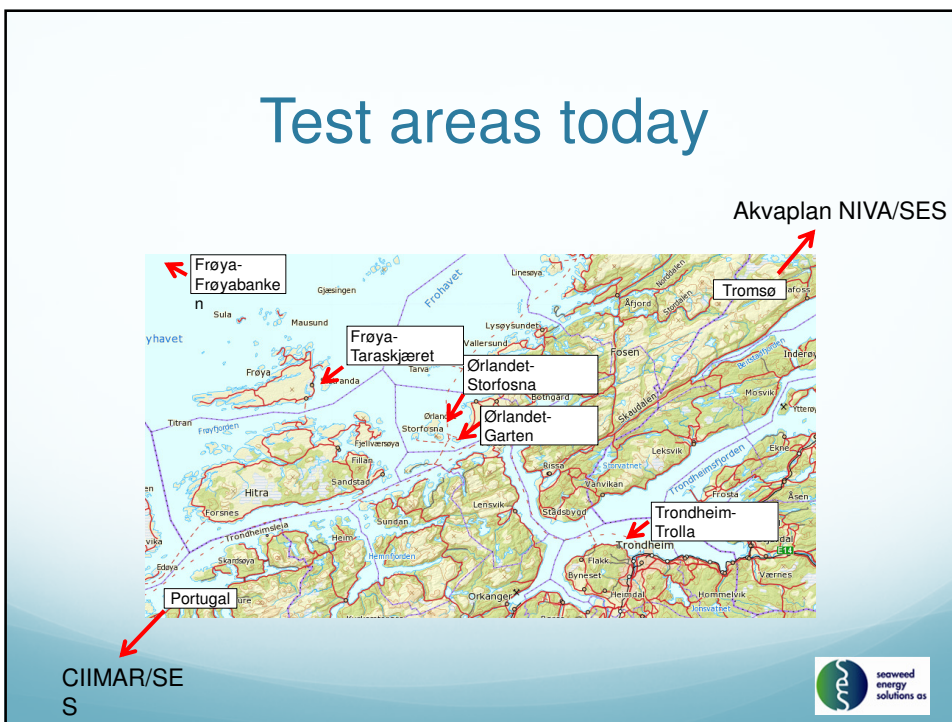
# The Seaweed Carrier

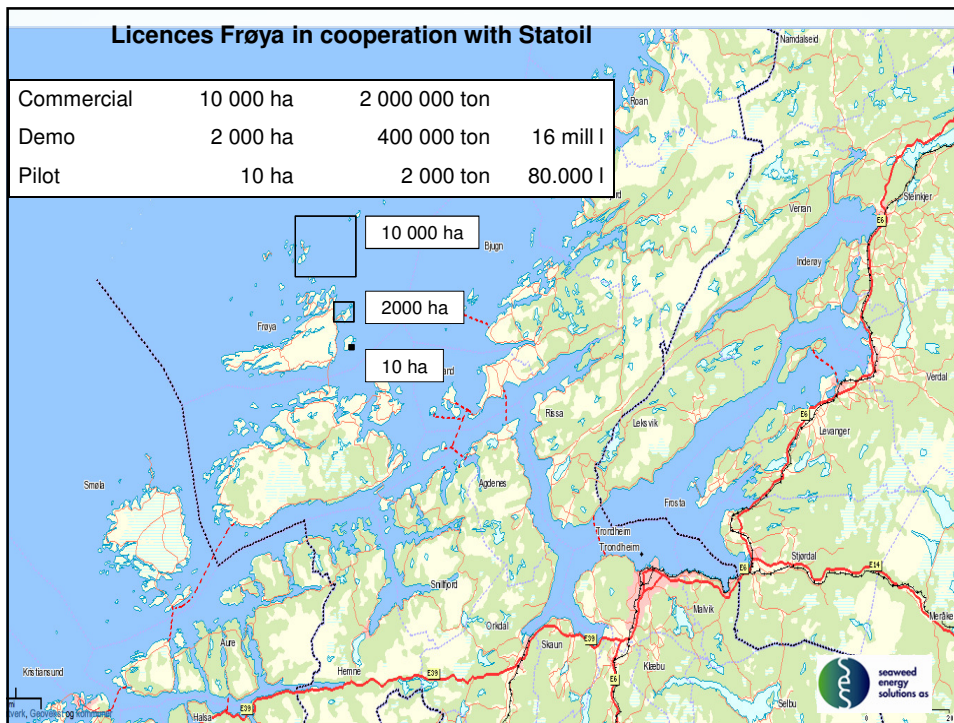


- Inspired by nature's own design development (bio-mimicry)
- Basically a giant seaweed plant moving freely in the water adjusting itself naturally to the strong forces of the sea

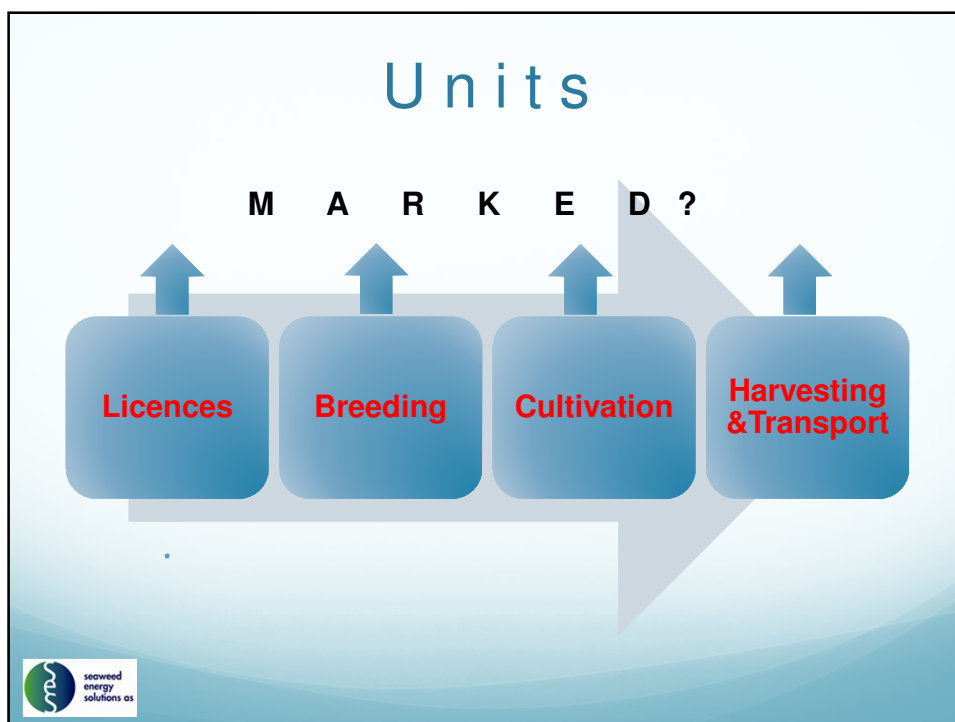
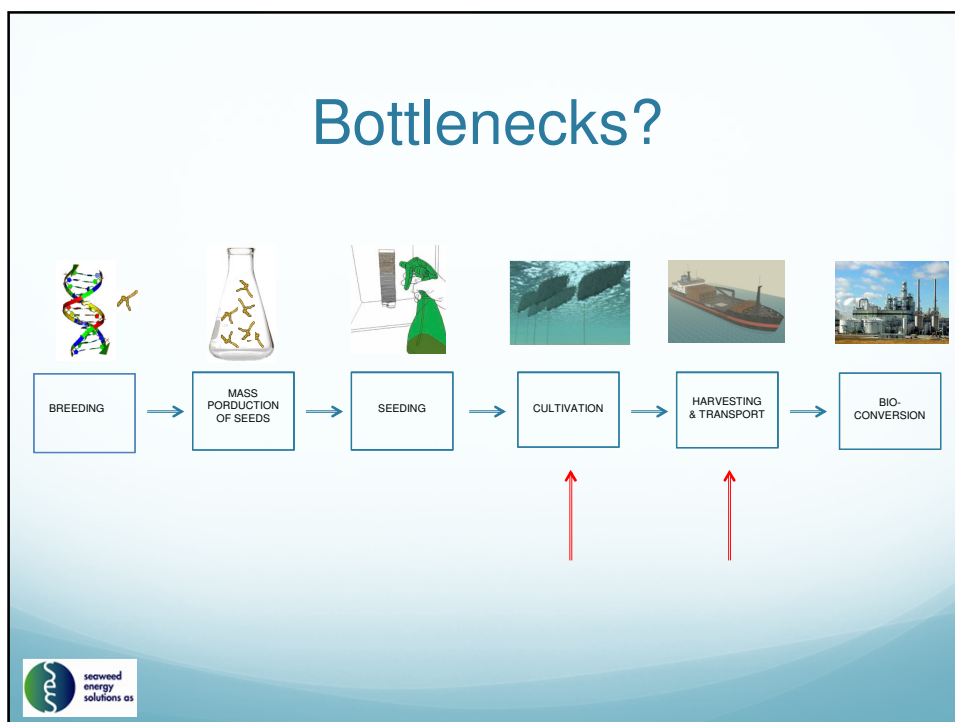


# Test areas today





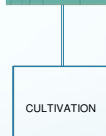
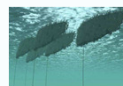
### Cooperation with SES



## Testing of cultivated kelp

Purpose:

- **Understand the factors controlling carbohydrate metabolism**
  - Light
  - Nutrients
  - Plant age
  - Endogenous rhythms (“internal clock”)
- **Understand the factors controlling growth**



**C-weeds 4ever!**

**Industrialization 2017 !**



**seaweed  
energy  
solutions as**