AQUABEST- SUBMARINER

PROGRAMME
for the Åland Aquaculture Week
9.10-12.10.2012
Mariehamn/Åland

DAY 1: Session 1

12:00-13:00 Registration
Alandica

13:00-13:15 Opening by moderator
Ulrika Bergman, Swedish Board of Agriculture
Ramsö

13:15-13:30 Welcome address by the Åland Government
Fredrik Karlström, Minister of Trade and Industry and Carina Aaltonen, Minister of Social Affairs, Health and Environment
Ramsö

13:30-14:00 Keynote speaker: Nutrient loop and future availability of feed sources
Anders Kiessling, Swedish University of Agricultural Sciences
Ramsö

14:00-14:30 Baltic Sea diets as fish feed: the Rimito trial
Jouni Vielma, Finnish Game and Fisheries Research Institute
Ramsö

14:30-15:00 The Åland consultation work and action plan for fishfarming
Carina Aaltonen, Minister of Social Affairs, Health and Environment, Åland
Ramsö

15:00-15:15 Coffee break
Alandica lobby

15:15-15:45 The future of the fish farming sector in Sweden
Ola Öberg, Svensk Fiskodling Ab/Swedish Fish Farmers’ Association
Ramsö

15:45-16:15 Rawmaterials from the Baltic: Challenges for feedproducers
Knut-Olof Lerche, Raisio Agro
Ramsö

16:15-16:45 Wrap up of the day
By moderator
Ramsö

17:00 Short introduction to the Åland buses fuelled by fish biodiesel
Ramsö

17:15 Departure from Alandica to the Åland Maritime Museum with the “fishdiesel mini-train”
Alandica entrance

17:30-18:30 Guided tour in the Åland Maritime Museum
18:30 Åland farmed fish dinner at Restaurant Nautical

DAY 2: Session 2

8:30-9:00 Registration Alandica lobby

9:00-9:15 Welcome by moderator Ramsö

Anders Kiessling, Swedish University of Agricultural Sciences

9:15-09:45 Sustainability in the fishfeed sector’s perspective: BioSustain Ramsö

Vidar Gundesen, BioMar

09:45-10:05 Åland fish farming development over time in the light of policy decisions Ramsö

Rosita Broström, chief executive, Åland Fish Farmers’ Association

10:05-10:20 Coffee break Alandica lobby

10:20-10:35 Statement by the Swedish Government Ramsö

Ulrika Bergman, Swedish Board of Agriculture

10:35-11:05 The aquaculture situation in Sweden today: special focus on new feed sources Ramsö

Jens Andersson, responsible for aquaculture at the Swedish Association of Local Authorities and Regions

11:05-11:45 The permit system and the Environment Protection Act in Finland Ramsö

Ari Ekroos and Inga-Liisa Pavola, Helsinki University

11:45-12:00 Introduction to the interactive group work session Ramsö

By Anders Kiessling

12:00-13:00 Buffet Lunch Alandica lobby

Session 3: WHAT IS NEEDED FROM DIFFERENT SECTORS TO ESTABLISH A BALTIC SEA NUTRIENT LOOP? Roundtable discussions

13:00-15.30 Meeting in groups Ramsö and Husö

Group work facilitators and rapporteurs

14:30-15:00 Coffee will be available Alandica lobby

15:30-16:30 Plenary: Group work results presentation Ramsö and Husö

Rapporteurs of groups 1, 2, 3, 4

16:30-17:30 Summary of the day including group work Ramsö and Husö

Anders Kiessling, moderator
DAY 3
Session 4: MUSSEL FARMING IN THE BALTIC SEA – PREREQUISITES AND POSSIBILITIES

8:30-9:00 Registration Ramsö

9:00-9:15 Welcome by moderator Ramsö
Jens Andersson, Region of Jämtland. Sweden

9:15-9:45 Keynote speaker Ramsö
Jens Kjerulf Petersen, Danish Shellfish Centre

9:45-10:15 Challenges for Baltic Sea Mussel Farming Ramsö
Nardine Stybel, EUCC - The Coastal Union Germany

10:15-10:45 Perspectives for mussel farming in the Baltic Sea Region Ramsö
Odd Lindahl, the Royal Swedish Academy of Sciences, Sweden

10:45-11:00 Coffee break Alandica lobby

11:00-11:30 Eco-forecasting: Mussel farms towards environmental sustainability in the Baltic Sea Ramsö
Eliecer Diaz, BalticEcoMussel, ARONIA, Novia University of Applied Sciences, Finland

11:30-12:00 Panel discussion Ramsö

12:00-13:00 LUNCH Alandica lobby

Session 5: MUSSEL FARMING EQUIPMENT FOR HARSH CONDITIONS Ramsö

13:00-13:30 Choosing Effective technologies to develop offshore mussel culture-Åland Ramsö
John C. Bonardelli, Shellfish Solutions, Norway

13:30-13:45 Experiences of ice as a challenge to mussel farms Ramsö
Odd Lindahl, the Royal Swedish Academy of Sciences, Sweden

13:45-14.00 Experiences of ice as a challenge to mussel farms Ramsö
Torbjörn Engman, Åland Government mussel project

15:00-15:30 Exclusive taste testing: Åland mussels (and coffee) Alandica lobby

15:30-16:00 The purpose of mussel farming Ramsö
John Tyrstup, Kingfisher, Sweden
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00-16:30</td>
<td>Mussel farm system - reducing cost and labour</td>
<td>Ramsö</td>
</tr>
<tr>
<td></td>
<td>Mads van Deurs, Smart Farm Norway and Nordshell, Denmark</td>
<td></td>
</tr>
<tr>
<td>16:30-17:00</td>
<td>Summary of the day</td>
<td>Ramsö</td>
</tr>
<tr>
<td></td>
<td>Jens Andersson, moderator</td>
<td></td>
</tr>
<tr>
<td>Ca 18:00-</td>
<td>Dinner</td>
<td>Alandica</td>
</tr>
</tbody>
</table>

**DAY 4**

***Session 6: MUSSEL FARMING WORKSHOP INCLUDING EXCURSION TO ÅLAND GOVERNMENT MUSSEL FARM***

9:30         | Departure from Alandica to Långnäs harbor by car                     |            |
10:15-11:15  | Boat ride Långnäs to Kumlinge                                       |            |
11:15-12:45  | Study visit to the Kumlinge mussel farm                              | Synderstö  |
12:45-15:30  | Lunch session: Mussel farming workshop                              | Seglinge   |
|              | **Sampling: Protocol methods & benefits across sites**               | Andelshandel|
|              | John C. Bonardelli, Shellfish Solutions, Norway/Canada               |            |
|              | **Background: The Åland Government mussel farm**                    |            |
|              | Torbjörn Engman, Åland Government mussel project                    |            |
|              | **Husbandry & risk management: Optimizing value out of mussel culture** |            |
|              | John C. Bonardelli, Shellfish Solutions, Norway/Canada               |            |
16:00-17:00  | Boat ride back to Långnäs (possibility leave by ferry also at 14:00) |            |
17:00        | Departure from Långnäs to Mariehamn by car                          |            |

The latest
17:45        | Arrival back in Mariehamn                                           |            |