

Program

4th Sea lice multination Trondheim 11th and 12th November

Rica Nidelven Hotel

4th SLM Trondheim: Status – Integrated sea lice control (ISLC) and development of new control technologies

DAY 1:

1030: Registration

1130 – 1230: Lunch Buffet

1230 – 1245: Welcome and introduction - goal of 4th sea lice multination

1245 – 1500 Industry presentations: What is the status of integrated sea lice control? Limiting factors and knowledge gaps in the different countries for further development of ISLC

- Scotland: Ian Berrill – Scottish Salmon Producers' Organisation
- Ireland: Catherine McManus – Marine Harvest
- Chile: Matías Medina - INTESAL de SalmonChile
- Canada: Pamela Parker – Atlantic Canada Fish Farmers Association
- The Faroes – to be announced
- Norway: Ketil Rykhus – Norwegian Seafood Federation

1500- 1530 COFFE BREAK

1530 – 1645:

R&D – presentations:

- **Practical and theoretical research aspects around integrated pest management approaches and decision support systems** – Crawford Revie – University of Prince Edward Island
- **Resistance Management – an update on R&D** – Tor Einar Horsberg – Norwegian School of Veterinary Science

1645 – 1715 COFFE BREAK

1715 – 1800:

- **Sea Lice Research Centre update** – Frank Nilsen – Centre Director

DAY 2: Non medicinal measurements to control sea lice

0830 – 1030: Cleaner fish update

- Status Coordinated action – LeppeProd and Machrahanish
- Wintering studies – Unni Austefjord – Norsk Sjømatsenter
- R&D update on lumpfish
- Status field use of lumpfish – Nils Fredrik Vestvik – Aqua kompetanse AS

1030 – 1100 COFFE BREAK

1100 – 1300: Knowledge update on sea lice distribution and different modelling approaches

- **Sea lice epidemiology update and development of infection models** – Peder Jansen – Norwegian Veterinary Institute
- **Development and use of demographic sea lice models on farms** – Magne Aldrin – Norwegian Computing Centre
- **Sea lice reproduction models** – Marit Stormoen – Norwegian School of Veterinary Science
- **Sea lice dispersal modelling in Scotland's largest fjordic systems** – Nabeil Salama – Marine Scotland Science
- **Development of oceanographic models** - Lars Asplin – Institute of Marine Research

Plenum discussion: Sea lice population dynamics:

- internal and external infection pressure
- Use of models for prediction of infection pressure on farms and wild salmonids?

1300-1400 LUNCH

1400 – 1730: Development of non-medicinal control technologies:

- **Optical delousing** – John A. Breivik - Beck Engineering
- **Thermal delousing** – Rafael Arenas - Ocea
- **Plankton net** – Kurt Tande – Calanus AS
- **Perma skirt** – Knut Botngård – Botngaard AS
- **Breeding** – Nina Santi - AquaGen
- **Sea Farm Pulse guard** – Fiona Provan - IRIS
- **Snorkel project** – Lars Helge Stien - Institute of Marine Research
- **Mechanical delousing**

COFFEBREAK to be set.

1730 – 1745: Information on the Global Salmon Initiative (GSI)

1745 - 1800: Final remarks and follow up

DAY 3:

Working group sessions can be facilitated if wanted.