

3rd Nordic RAS Workshop field excursion

The participants of the 3rd Nordic RAS workshop will have the opportunity to see the state of the art commercial and research RAS based facilities during field trip that will be organized by Nofima on 02.10.2015.

A visit to Lerøy Midt's facility in Belsvik will allow participants to see one of the world's largest smolt production plants, with annual production of 14 million smolts. The facility in Belsvik was opened in 2013. It has a floor area of 11000 m² and consists of eleven separate recirculating aquaculture systems, with three hatcheries and eight grow-out departments. Concern for the environment has influenced the design, development and operation of the new facility which is based on 98% recycling and reuse of water. The facility is escape proof, sludge from the plant is collected and used to produce biogas and the discharge from the plant is monitored closely.



In addition, a boat trip to the nearby Lerøy Midt's sea cage location equipped with a brand new fleet will enable the visitors to get insight into the latest trends in sea cage farming of Atlantic salmon.



The last stop of the field trip before return to Molde will be a visit to the Nofima Centre for Recirculation in Aquaculture in Sunndalsøra (<http://nofima.no/en/research-facilities/nofima-centre-for-recirculation-in-aquaculture/>). This unique research facility is the only one of its kind in Norway and Europe that operates at close to commercial scale (1750 m²) with rearing volume of 1100 m³. The facility currently has a total of four separate recycling systems, two for grow out with daily feed capacity of 300 kg and two smaller scale systems with maximum feeding load of 60 kg/day. Three different tank sizes (0.5 m³, 3.2 m³ and 100 m³), possibility to use fresh, brackish and sea water, flexibility in the water treatment and availability of waste-heat water (80°C) and heat exchanger system allow for research on recirculation systems on a broad basis in Nofima Center for recirculation in aquaculture.



Apart from the RAS related program the field trip will take the participants over the Atlantic Road, (<http://www.visitmolde.com/en/Product/?TLp=32362&The-Atlantic-Road=>) one of the top tourist attractions in the area and the lunch and dinner will be included in the price of the field trip.

The number of participants is limited to 90.

We hope you will join us. Welcome.