

SEAFOODplus and InnovaRFID joint workshop

November 20 - 21, 2006 in Trondheim, Norway

SEAFOODplus is a large EU integrated research project, with the overall objective defined as: *To reduce health problems and to increase well-being among European consumers by applying the benefits obtained through consumption of health promoting and safe seafood products of high eating quality.*

This includes integrating the information flow from primary producer to the other links in the chain by using new technologies regarding global batch identification, data capture, storage and transmission. Among the research partners in this task are SINTEF, DIFRES (The Danish Institute for Fisheries Research), NIFA (Norwegian Institute of Fisheries and Aquaculture) and AZTI (Technological Institute for Marine and Food Research, Spain).

InnovaRFID is partly financed by the Norwegian Research Council with Gilde Norsk Kjøtt (a major Norwegian meat producer) as the contract partner and SINTEF as the research partner. The main project objective is defined as: *Develop innovative processes and solutions for operations and documentation by testing and implementing new wireless technologies for identification, data capture, sensors and location systems in a demanding industrial environment.*

As the seafood and meat sectors have common fields of interests in this area, we take the opportunity to gather participants from the two projects and other invited parties. The main objective of the workshop is to exchange experiences and share ideas on future applications. The discussions at the workshop will be used as input for planning further activities in the two projects.



WORKSHOP PROGRAM:

Monday November 20, 2006

Session 1: RFID technology status and experiences with testing and implementations

The RFID technology is maturing and standardization work is well underway. Some work still remains in verifying readability in challenging applications (e.g. fish). Emerging pilot projects are giving valuable experience.

1230-1300: Registration

1300-1400: Lunch

1400-1410: Welcome: Jostein Storøy, SINTEF

1410-1440: Background and technology status: Gunnar Senneset, SINTEF

1440-1520: Gilde Norsk Kjøtt case: Egil Sørflaten, Gilde Norsk Kjøtt

1520-1550: Coffee

1550-1630: Pack & Sea RFID solution: Lars M. Jankowski, Lyngsøe Systems

1630-1710: Traceability experiences using RFID in fresh fish and “porc to ham” sectors in Spain: Begonia Perez Villareal, AZTI

1710- 1750: Cool chain monitoring case: Terry Myers, Infratab

1900: Workshop dinner

Tuesday November 21, 2006

Session 2: What’s next?

As the RFID technology matures, we see new technologies emerging. How can we utilize sensor networks and Real Time Location Systems (RTLS)? Another important issue is how we handle and make use of the vast amounts of information that will be generated through the supply chain.

0930-1000: Coffee

1000-1045: Current and future technology and applications for sensor networks: Arne Lie, SINTEF

1045-1130: Current and future technology and applications for Real Time Location Systems (RTLS): Rolf Olstad, Radionor

1130-1230: Lunch

1230-1310: Challenges in storing and retrieving vast amounts of product and process data: Kjell Bratbergsengen, NTNU/IDI

1310-1350: What do we see as future demands from international retail chains: Petter Arnesen, Fjord Seafood

1350-1420: Coffee

1420-1500: How to improve processes and increase product differentiation: Per Høines, Gilde Norsk Kjøtt

1500-1600: Plenary discussion: How do we utilize the technology and all this information? What are the industry application areas in 5 years? Focus areas for SEAFOODplus and InnovaRFID?

PRACTICAL INFORMATION:

Registration deadline: Wednesday, November 8.

There will be a fee of NOK 1900,- for participating in the workshop; this will cover some of the meeting expenses (including lunches and the workshop dinner).

How to register: By mail to Kirsten Strømmen, SINTEF Fisheries and Aquaculture (kirsten.strommen@sintef.no, direct phone: +47 9824 5038)

The registration should contain:

- Name
- Institution/company
- e-mail address
- Direct phone/mobile phone
- Invoicing address (for the workshop fee)

Workshop venue: Rica Nidelven Hotel, Trondheim Norway
(<http://www.rica.no/index.cfm?oa=hotel.display&con=685>)

Hotel accommodation: SINTEF has reserved some hotel rooms at the Rica Nidelven Hotel at NOK 995,- for a single room with breakfast. Reservations should be made directly to the hotel by phone +47 7356 8000 or e-mail rica.nidelven.hotel@rica.no. Refer to agreement 11/06/SINTEF/20 for obtaining the agreed price. All hotel expenses must be settled by the participants directly to the hotel.

Transport from/to Trondheim Airport Værnes: The airport bus service departs every 15 minutes. The closest stop for Rica Nidelven Hotel is Trondheim Central Station (about 200 meters).

