Oil Spill Response Industry in Norway
May 27 & 28th, 2013
Agenda

• Innovation Norway

• NOSCA & Member Companies

• Key Goals of Seminar
An international organization

OFFICES IN EVERY COUNTY

REPRESENTATION IN MORE THAN 30 COUNTRIES
Vision of Innovation Norway - Canada

The Norwegian Government’s trade & technology division:

• *Promoting Norway's industrial development*
• *Goal is to assist small to medium sized Norwegian enterprises accessing business opportunities outside of Norway*
• *Innovation Norway’s primary focus is on developing business opportunities and facilitating introductions for Norwegian companies in the North American oil & gas industry*
Our services

Promotional services

Competence services

Advisory services

Networking services

Financing services
We prioritize six sectors

- Energy and environment
- Health
- Agriculture
- Marine
- Maritime, Oil and Gas
- Tourism
Agenda

- Innovation Norway
- NOSCA & Member Companies
- Key Goals of Seminar
Norwegian Oil Spill Control Association (NOSCA)

- Founded in 1993, Not for Profit collaboration
- 34 active member companies
- Key player in R&D and Oil Spill Prevention & Response
- International activities
NOSCA Seminars

• 2011 Horten, Norway
• 2012 Rio de Janiero, Brazil
• 2013 St. John’s, Canada
• 2013 Lofoten, Norway “Oil Spill in Remote Areas and Vulnerable Areas”
Exchange of Experience

- Workshops
- Consultancy
- Exercises
- International Seminars
- Oil Spills
Miros

- Wave and water monitoring in general and integrated systems within the fields of Meteorology, Oceanography and Security
- Large International presence
- Miros OSD has become a standard system for OSRV in the North Sea
- A proven product with yearly testing completed with oil-on-water exercises since 2004

Source: Miros, [http://www.miros.no](http://www.miros.no)
Aptomar

- Oil spill management tools for detection, measurement and monitoring of oil spills day and night
- All data on board vessels is communicated to other vessels and vessel command/response centers
- Securus System is Search and Rescue capable with daylight and infrared possibilities
- Will participate in drilling operations in 2013 and have units throughout the world

NOFI

- 5 key areas of operation: Oil Spill Control, Fisheries, Aquaculture, Floating Wharfs and Special Marine Products
- Developed and Produced in Northern Norway
- Oil Spill Control products are marketed by AllMaritim

Source: NOFI, [http://www.nofi.no/](http://www.nofi.no/)
Norlense

- Internationally renowned within the development and manufacturing of oil spill emergency equipment
- Located in Northern Norway and are familiar with extreme harsh conditions
- Supplied equipment to the Macondo incident

Skimmer Technology

- First response oil spill recovery vessel for shoreline and port operations
- Skimmer integrated into the bow of the vessel
- Oil and debris collection; all viscosities and debris soaked in oil
- Operated by Statoil and Petrobras

Jason Engineering

- Over 37 years of developing firefighting equipment for the maritime industry
- Dispersant systems for oil spill control from vessels
- Systems are available as external, built-in or mobile solutions
- Systems have been designed in co-operation with SINTEF

Source: Jason Engineering, http://jason.no/
Frank Mohn Oil Spill Recovery

- Internationally renowned manufacturer of Framo pumps
- Marine, Oil & Gas pumping, Oil Recovery Systems
- Skimmer systems: Polaris – arctic/ice focused

Maritime Robotics

- Unmanned solutions for maritime operations in harsh environments
- Civilian, military and government partners
- Unmanned surface and aerial vehicles to aerostat surveillance systems and unmanned conversion systems
- OceanEye system

Kaliber Industridesign

• MOSE Technology
• Handheld device for mechanical cleaning of oil spills on hard surfaces
• Can be used in ports, shipyards, along coastlines
• Has been tested by Mercur Maritime and NOFO
• Is looking for technological partners to aid in the commercialization phase

Source: Kalber Industridesign, http://moseinnovation.no/
Key Goals For Seminar

1. Norwegian collaboration with international experience
2. An opportunity to share Canadian challenges faced and to learn how the companies operate in Norway and internationally
3. An opportunity to build networks and gain insight into products in a different setting
Contact Information

Brady Lucas
Innovation Norway
Project Manager – Americas Oil & Gas Team
brady.lucas@innovationnorway.no
647 - 338 - 2004