

Industry Seminar: NSR's Future Maritime Transportation & Logistics System

Day: December 9th, 2016
Location: DNV GL Korea, Haeundae I-Park, Busan, South-Korea
Time: 10:00 - 14:15

Seminar Program

Presentations will be given by:

Bjørn Gunnarsson (CHNL of Nord University)

Sergey Balmasov (CHNL's NSR Information Office of Nord University)

Aleksandar-Sasa Milakovic (Department of Marine Technology of NTNU)

Morten Mejlænder-Larsen (Arctic Operations & Technology at DNV GL)

Sungwon Hong (IAL of Youngsan University, South-Korea)

Section I

10:00-10:10	Welcome (10 min)
10:10-10:25	Three-Steps in Addressing Infrastructural and Logistical Challenges in the Arctic (Bjørn Gunnarsson; 15 min)
10:25-10:30	Questions & Answers (5 min)
10:30-10:55	Current Status of Maritime Infrastructure along the NSR (Sergey Balmasov; 25 min)
10:55-11:00	Questions & Answers (5 min)
11:00-11:10	Coffee Break (10 min)
11:10-11:35	Some Development Scenarios for Future NSR Maritime Infrastructure (Morten Mejlænder-Larsen; 25 min)

- 11:35-11:40 Questions & Answers (5 min)
- 11:40-12:05 **Use of Multi-Purpose Offshore Floating Hubs in the Arctic** (Aleksandar-Sasa Milakovic; 25 min)
- 12:05-12:10 Questions & Answers (5 min)
- 12:10-13:00 Lunch (50 min)

Section II

- 13:00-13:25 **Cost Estimates and Financing of a New NSR Maritime Infrastructure** (Bjørn Gunnarsson &; 25 min)
- 13:25-35 **Comment: Investment into NSR Infrastructure to Reduce the Need for Icebreakers Support** (Aleksandar-Sasa Milakovic; 10 min)
- 13:35-13:40 Questions & Answers (5 min)
- 13:40-14:05 **Future Transit Transport and Infrastructure on the NSR** (Sungwon Hong; 25 min)
- 14:05-14:10 Questions & Answers (5 min)
- 14:10-14:15 Concluding Remarks (5 min)