



# Japan – Norway Workshop

## Future Technology and Finance in the Maritime Sector

**Where:** Ministry of Trade, Industry and Fisheries - Kongensgate 8, Oslo

**When:** Friday 12 February 2016, 09:00 – 14:15.

**Objective:** This workshop aims at bringing together shipping industry players from Norway and Japan to discuss future technology and finance.

The point of departure is the complementarities of Japan and Norway and good government relations. Representatives from the two governments will give an update on relevant government maritime policies related to technologies and finance in session 1.

In session 2, possible technologies that can directly connect to future business, focusing on LNG fuel ship, hydrogen supply chain, and information technology will be discussed.

In the final session 3, the topic is finance and how financial institutions can contribute to innovation in the maritime sector, based on the experience of financial sector in both countries.

### Workshop partners and speakers



Norges  
Rederiforbund  
Norwegian  
Shipowners'  
Association





## Program details

09:00	Registration	
09:15	Opening remarks	<b>Ida Skard</b> Director General of Maritime Department - Ministry of Trade, Industry and Fisheries
<b>Session 1: Government strategies</b>		
09:25	Norwegian Maritime Policy	<b>Pål N. Somdalen</b> Deputy Director - Ministry of Trade, Industry and Fisheries
09:40	Japanese Policies in Maritime Industry	<b>Hiroataka Mori</b> Expert Officer - Ministry of Land, Infrastructure, Transport and Tourism (MLIT) Japan
<b>10:20</b>	<b>Coffee Break</b>	
10:40	Blue Sea - Green Future: perspectives from NSA	<b>Hanna Lee Behrens</b> Executive Director and Head of the Safety, Environment and Innovation Department- Norwegian Shipowners' Association
<b>Session 2: Future Technology - key items</b>		
10:50	<u>LNG fuelled ship</u> as an environmentally friendly tool: Norwegian experience and future perspective	<b>Tor Arne Borge</b> CEO - Nor Lines AS
11:20	<u>Hydrogen (Supply Chain)</u> : Development of Overseas Energy Carrier with Liquid Hydrogen	<b>Seiichi Sugawa</b> Executive Staff Officer of Hydrogen Project Development Centre - Kawasaki Heavy Industries Ltd.
11:50	<u>Big data and Internet of Things (IoT)</u> : How to utilize Big data and IoT in the shipping sector ?	<b>Hideyuki Ando</b> Senior General Manager - MTI (NYK Group)
<b>12:20</b>	<b>Networking Lunch</b>	
<b>Session 3: Finance for future maritime technology</b>		
13:10	Financing innovation in the maritime industry	<b>Guillaume Dufour</b> Deputy General Manager, Maritime Asset Finance Department - Sumitomo Mitsui Banking Corporation Europe Ltd
13:40	Access to capital – maritime industries	<b>Bern E. Blikstad</b> Head of Shipping, Offshore & Logistics Division - DNB Bank ASA
14:10	Closing Remarks	<b>Akihiro Tamura</b> Maritime Director – Japan Ship Centre