

The emergence of smart and autonomous ships: How can this make our future more sustainable?

The leaders' view on the future of autonomous ships

This summit will give you a comprehensive overview of how senior commercial, governmental and international decision makers view the future of autonomous and smart shipping and how it can contribute to a sustainable future for our planet. What are the possibilities and obstacles, where will smart and autonomous ships be used and how will the industry adapt? How well will they meet our environmental challenges, and how will these challenges impact the future of international shipping?

Moderator: Susannah Streeter – BBC Journalist

The summit will be organised as keynote sessions and high-level panels, each with a specific theme. Each panel participant will make an introductory statement of 2-4 minutes, followed by a moderated discussion between the panellists.

0830 – 0930 Registration, networking, coffee and snacks

0930 – 0940 Opening ceremony

Welcome by Mr. Trond Langemyr, Chair of the Board NFAS

Official opening by Mr. Daniel Bjarmann-Simonsen, State Secretary to the Minister of Trade and Industry

0940 – 0950 Keynote: Singapore's Vision: Autonomous Ships in Large Ports

Ms. Quah Ley Hoon, CEO Maritime and Port Authority (MPA), Singapore

0950 – 1050 Panel 1: Sustainable and efficient ship transport – an imperative need for the world

Efficient ship transport is the lifeblood of the world. How can shipping maintain the efficiency and increase sustainability? How can the next generation ship transport systems contribute to a better environment for all?

Ms. Lise Kingo, CEO and Executive Director of the United Nations Global Compact: Sustainability also in transport.

Ms. Quah Ley Hoon, CEO Maritime and Port Authority (MPA), Singapore

Mr Jacob Terling, European Commission, DG MOVE: EU priorities.

Ms. Nancy Scheijven-Westra, Dutch Ministry of Transport and Infrastructure: Inland waterways

Mr. Harald Solberg, CEO Norwegian Shipowners' Association: The new role of the ship owner

Mr. Oskar Levander, SVP Kongsberg Maritime Finland Oy: The new business cases

The International Ship Autonomy and Sustainability Summit

03 June 2019 | 10:00 – 18:00 | Clarion Hotel The Hub | Oslo, Norway

1050 - 1110 Coffee and light snacks

1110 – 1125 Keynote: The new role of the cargo owner in ship transport systems

Mr. Bjørn Tore Orvik, CEO and co-founder Yara Birkeland AS

1125 – 1225 Panel 2: Autonomous and smart ships as enablers for sustainable transport

How can autonomy and smart ships be used in the future sustainable transport systems? How can the national and international strategies work together for a green future?

Mr. Geir Håøy, CEO Kongsberg Maritime AS: Supplying the technology

Dr. Vegar Johansen, CEO SINTEF Ocean: Research and innovation

Dr. Bjørn-Johan Vartdal, Head of DNV GL's Maritime Research Group: Class' role in safe technology development.

Mr. Antoon Van Coillie, Blue Line Logistics: Disrupting inland waterways

Mr. Bjørn Laksforsmo, Torghatten AS, Automation in highway ferries

Mr. Vegard Evjen Hovstein, CEO Maritime Robotics: SMEs as innovators

Mr. Masanori Yoshida, Chief advisor and Director of Offshore Development Office Nippon Foundation: Japanese priorities

1225 – 1245 Keynote: Regulatory cautions versus new technology and jobs

Ms. Magda Kopczynska, Director for Waterborne Transport, DG MOVE, European Commission

1253 – 1345 Lunch

1330 – 1430 Panel 3: Allowing the autonomous ship to sail

Even partial autonomy challenges our current regulative framework. What are the gaps that need filling before the next generation shipping systems can be realized?

Mr. Lars Alvestad, Acting Director General of Shipping and Navigation, Norwegian Maritime Authority: Approving autonomous ships.

Mr. Henrik Tunfors, Chairman of IMO working group: Development of international regulations.

Mr. Gijsbert De Jong, Bureau Veritas, Director Sales: Testing and approving the technology.

Mr. Magne Nilssen, Chief Underwriting Officer, Speciality, Gard: Insurance and liability for unmanned ships.

Dr. Henrik Ringbom, Professor II, Scandinavian Institute of Maritime Law: Role of UNCLOS and other international conventions.

Mr. Ørnulf Jan Rødseth, Manager NFAS: International standards.

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1430 – 1435 Networking coffee

1435 – 1535 Panel 4: Creating the jobs of the future

What are the operational outlooks on autonomous and smart shipping? What will the new jobs look like, how will the stakeholders be impacted?

Mr. Tom Eystø, Massterly AS: Managing autonomous ships.

Mr. Einar Vik Arset, Director General Norwegian Coastal Administration: The new coastal state.

Mr. Harmen van Dorsser, Program manager "Harbour Master Next Generation": Innovation potential in ports.

Capt. Morten Kveim, Vice President Maritime Safety and Education, Norwegian Marine Officers Association: New jobs for the crew.

Mr. Per Brinchmann, Vice President, Wilh. Wilhelmsen Holding ASA: Autonomous deep sea shipping.

Mr. Douglas Lang, Group Managing Director, Anglo-Eastern Group: The new business models.

1545– 1550 Final words: Summing up the day

Mr. Trond Langemyr, Chair of the Board, NFAS

1600 Buses to Town Hall for VIP Reception

1700-1900 VIP Reception at Town Hall with Prime Minister