

# OPENING CONFERENCE

MAY 30, 2017  
09:00-12:25

## CATALYST FOR CHANGE



**NOR** OSLO MAY 30-JUNE 2  
**SHIPPING 2017**

Main sponsor:



Lunch sponsor:



# PROGRAM OVERVIEW

08:15

## DOORS OPEN

All seated by 09:00 for  
H.R.H Crown Prince Haakon

09:00

## CONFERENCE OPENING

- Musical opening by Angelina Jordan

09:20

## CATALYSTS FOR CHANGE: THE GEOPOLITICAL PERSPECTIVE

- Welcome & A Global Outlook
- Geopolitical Perspectives
- Liquid Borders – How Technology Reshapes The World
- Awards presented by H.R.H. Crown Prince Haakon of Norway

10:15

## CATALYSTS FOR CHANGE: THE INDUSTRY'S PERSPECTIVE

- Disruption of Shipping
- Industry Interruption
- Sustainable Ownership

11:05

## COFFEE BREAK

11:20

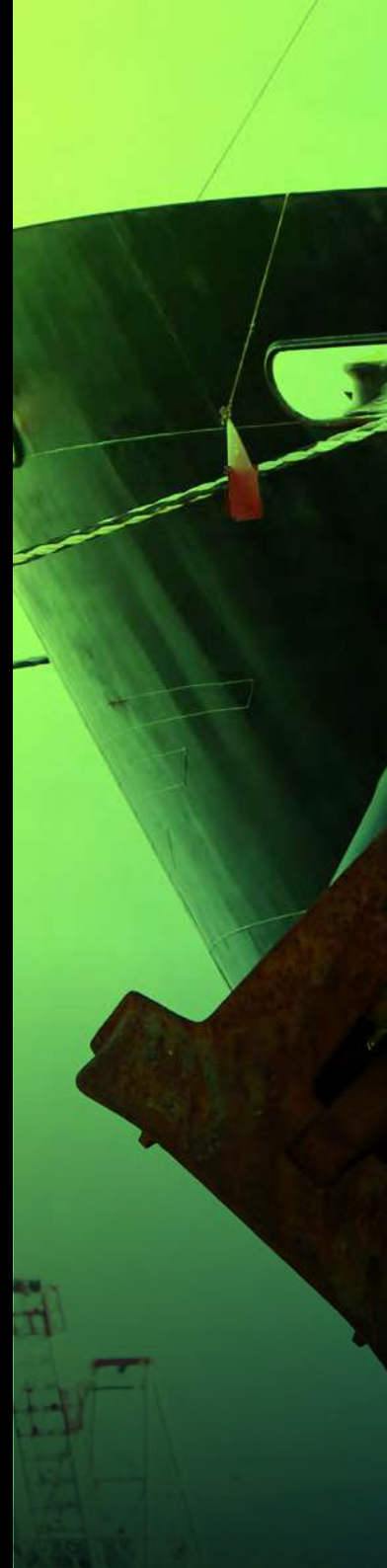
## CATALYSTS FOR CHANGE: TAKING AN OUTSIDERS' PERSPECTIVE

- From Buzzwords to Business
- Cargo Owner As Change Agent
- Blockchain Alliance
- Trust in a Digital World
- The Future Of Transportation

12:20

## TAKE AWAYS & CLOSING REMARKS

- Reflections
- End of Conference / Lunch



# NOR-SHIPING 2017 THEME: CATALYST FOR CHANGE

Catalyst for Change is Nor-Shipping 2017's main theme. The industry is experiencing the effects of a transformative global shift beyond the usual cycles, where both challenges and opportunities arise in three key areas; sustainability, digital transformation and the ocean space. Nor-Shipping will be an arena for discussing what the key factors will be in this changing landscape.

## CONFERENCE SCOPE

The Opening Conference will address the impact of digitization and increased sustainability focus as drivers for change in the maritime industry. The conference aims to create a better understanding of industry disruption and various approaches for how to tackle it.



**H.R.H CROWN PRINCE  
HAAKON OF NORWAY**



**ANGELINA JORDAN**  
Artist



**DR. PARAG KHANNA**  
**MODERATOR**  
Managing Partner  
Hybrid Reality



**JULIAN BRAY**  
**MODERATOR**  
Editor, TradeWinds



**STURLA HENRIKSEN**  
Managing Director,  
Norwegian Shipowners'  
Association

# CATALYSTS FOR CHANGE: THE GEOPOLITICAL PERSPECTIVE

Session 1 will begin with an overview of the geopolitical forces shaping our world. COP21, Brexit, the U.S. elections, regional political unrest and the shift from West to East are just some examples of events that have created new challenges – and uncertainties – for an industry already hit by slow economic growth. How will world events impact upon shipping?



**STURLA HENRIKSEN**  
Managing Director, Norwegian  
Shipowners' Association

## KEYNOTE WELCOME & A GLOBAL OUTLOOK

Henriksen will take a global view of three threats, three trends and three opportunities affecting our world.



# GEOPOLITICAL PERSPECTIVES

Panelists will discuss global issues based on welcome speech by Henriksen.



**WOLFGANG LEHMACHER**  
Director, Head of Supply Chain & Transport, World Economic Forum



**OLAJOBI MAKINWA**  
Chief Africa, Transparency & Anti-Corruption, UN Global Compact



**MONICA MÆLAND**  
Norwegian Minister of Trade & Industry



**UWE BECKMEYER**  
State Secretary, Ministry for Economic Affairs and Energy, Germany

## KEYNOTE

# LIQUID BORDERS – HOW TECHNOLOGY RESHAPES THE WORLD

Global strategist, international relations expert and best-selling author Parag Khanna shares his views on global tech trends.



**DR. PARAG KHANNA**  
Managing Partner  
Hybrid Reality



# NOR SHIPPING AWARDS



CATALYSTS FOR CHANGE:

# THE INDUSTRY'S PERSPECTIVE

Facing disruptive forces as seen across other industries, we present a disruption of shipping keynote, followed by industry interruption response by shipowners who seek to identify our industry's key strengths and shortcomings. Can we learn from other disrupted industries to avoid making critical mistakes? Should ship owners be prepared to invest strategically in developing digital assets with the same appetite for risk as when investing in steel? How can the industry address the need for new financing and ownership models to ensure more robust and sustainable business?

**TONY SEBA**

Thought Leader, Lecturer,  
Stanford University, Serial  
Entrepreneur Silicon Valley

**EYE OPENER****KEYNOTE**

## DISRUPTION OF SHIPPING

Tony Seba is an expert speaker on industry and market disruption, focusing on exponential technology trends, new business models and product architecture innovations that are leading to the disruption of the world's major industries, including energy, transportation, infrastructure, finance and manufacturing.





# INDUSTRY INTERRUPTION

Panelists will discuss Tony Seba's keynote and reflect on industry strengths and shortcomings in a digital world.



**ELISABETH GRIEG**  
Owner, Grieg Group  
Chair Grieg Star & Vice  
Chair, G2 Ocean



**DR. NIKOS TSAKOS**  
President & CEO, Tsakos  
Energy Navigation /  
Chairman INTERTANKO



**KHAMIS JUMA  
BUAMIM**  
Group CEO  
Gulf Navigation



**GEIR HÅØY**  
President & CEO  
Kongsberg Group

# SUSTAINABLE OWNERSHIP

In this discussion, panelists share views on sustainable ownership models.



**ERIK HELBERG**  
**MODERATOR**  
CEO, Clarksons Platou  
Securities



**KRISTIAN SIEM**  
Founder & Chairman  
Siem Industries



**LEIF HØEGH**  
Director  
Høegh Capital Partners



**KRISTIN H. HOLTH**  
EVP / Global Head of  
Shipping, Offshore &  
Logistics, DNB



**ANDRIAN R. DACY**  
Chief Investment Officer,  
Global Maritime Investment  
Fund J.P Morgan

# CATALYSTS FOR CHANGE: **TAKING AN OUTSIDERS' PERSPECTIVE**

Session 3: We will hear from industry heavyweights on how they are taking bold steps to adapt to the digital world. The keynotes and panels will demonstrate how new technologies can be utilized by leveraging strategic cross-industrial or intra-industrial partnerships to transform business models and global supply chains. The audience will get first hand insights on how these companies transition from buzzwords to business, collaborate with tech partners, and build trust in a digital world.



## KEYNOTE **FROM BUZZWORDS TO BUSINESS**

Wilhelmsen will share how his organisation is adopting "Silicon Valley" thinking.



**THOMAS  
WILHELMSSEN**  
CEO  
Wilh. Wilhelmsen Group

## KEYNOTE **CARGO OWNER AS CHANGE AGENT**

Bhatti will share details on how BHP Billiton's new online auction platform will transform the industry.



**RASHPAL SINGH  
BHATTI**  
VP Freight  
BHP Billiton

## KEYNOTE **BLOCKCHAIN ALLIANCE**

Kouwenhoven will share insights on IBM's "blockchain" project with Maersk - and how digital technologies can reduce costs and improve transparency.



**NORBERT  
KOUWENHOVEN**  
EU Solutions Customs, Borders &  
Logistics, IBM

# TRUST IN A DIGITAL WORLD

New business models often require companies to share data. As more companies seek strategic cross-industrial and intra-industrial partnerships, how can the industry work together to generate trust between parties?



**KD ADAMSON**  
Futurist  
Futureonautics



**THOMAS WILHELMSSEN**  
CEO, Wilh. Wilhelmsen  
Group



**REMI ERIKSEN**  
Group President & CEO  
DNV GL



**MARCO RYAN**  
Chief Digital Officer  
Wärtsilä



**BIBOP GRESTA**  
Chairman, Hyperloop  
Transportation Technologies

**EYE OPENER**

**KEYNOTE**

## THE FUTURE OF TRANSPORTATION

Gresta will present the "Next Big Thing" in transportation: Hyperloop.

# TAKE AWAYS & CLOSING REMARKS

## REFLECTIONS

One representative from each panel will reflect on key takeaways from the conference.



**LEIF HØEGH**  
Director  
Høegh Capital Partners



**DR. NIKOS TSAKOS**  
President & CEO, Tsakos  
Energy Navigation /  
Chairman INTERTANKO



**STURLA HENRIKSEN**  
Managing Director,  
Norwegian Shipowners'  
Association



# NEXT GENERATION SHIP AWARD

The Next Generation Ship Award honours the most promising design for ships that will be at sea in the coming decade, with the ship project demonstrating the greatest advances and innovation in design receiving the award. The design is assessed with respect to energy efficiency, innovation, suitability and flexibility, technology utilization, safety and security and environmental sustainability. All ship types are given equal consideration, regardless of size or segment. DNV GL returns as Nor-Shipping's partner for this award, lending its industry expertise.

## **The Next Generation Ship Award winner 2015:**

### **X-STERN**

The winner in this category, Ulstein's X-Stern, is a design feature for DP-equipped vessels that increases operability through positive effects on station-keeping and wave response in harsh conditions. Developed for vessels dependent on the best possible motion characteristics, it has a sloping and higher stern, allowing for a sharp stern shape in which the transom plate is replaced by a pointed aft. With the X-Stern, a vessel can stay positioned with the stern facing towards the weather, even in harsh conditions.

# ENERGY EFFICIENCY AWARD

The Energy Efficiency Award pays tribute to the ship with the greatest contribution towards energy efficiency in relation to its function or operation. This award addresses more than emissions, focusing on the root of the problem rather than its consequence. Partnering with Nor-Shipping for this award is the International Chamber of Shipping (ICS).

## **The Energy Efficiency Award winner 2015:**

### **HARVEST FROST**

Harvest Frost is a 95,000 dwt bulk carrier designed by Mitsubishi Heavy Industries, built by Oshima Shipbuilding and delivered to Archer Daniels Midland USA on October 29, 2014. MHI provided most of its innovative features, including the conceptual design, various green technologies and the Mitsubishi Air Lubrication System. The vessel also features a new bow shape designed to reduce wave-making resistance. For propulsion, it has adopted an innovative system that effectively converts the main engine power into propulsion power by positioning fins forward of the propellers and placing special grooves in the propeller boss cap.

# YOUNG ENTREPRENEUR AWARD

The Young Entrepreneur Award is part of the joint Nor-Shipping/YoungShip effort to further develop Nor-Shipping as an arena for the next generation. Open to nominees from all segments of the industry, it honors an under 40-year-old professional who has founded a successful company that spearheads challenges or solutions in a new way. YoungShip, the fast-growing international organization for young maritime professionals, is Nor-Shipping's partner and the administrator of the award.

## **The Young Entrepreneur Award winner 2015:**

### **BOYAN SLAT – The Ocean Clean-Up (Netherlands)**

The winner Boyan Slat, founder and CEO of The Ocean Cleanup, combines technology and entrepreneurship to tackle global issues of sustainability. After diving in Greece in 2011 and coming across more plastic bags than fish, he wondered: why can't we clean this up? He then devised a system with an array of floating barriers catching and concentrating the debris to enable a platform to efficiently extract the plastic afterwards. In 2013, he dropped out of his aerospace engineering studies to found The Ocean Cleanup. In 2014, the concept turned out to be a technically feasible and financially viable method to clean up half the Great Pacific Garbage Patch in 10 years' time. Raising \$2.2 million through crowd-funding, the organization was able to enter the pilot phase of the project.

# NOR SHIPPING AWARDS



The Nor-Shipping 2017 Awards will showcase and celebrate the companies and individuals who dare to do business as unusual.

A new trophy designed by Hadeland Glassverk will be presented by His Royal Highness Crown Prince Haakon of Norway to the 2017 Award winners.





ACCELERATE!

# NOR SHIPPING

OSLO JUNE 04-07

2019

SAVE THE DATES!

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Leading sponsors:

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