

## DUAL Ports LNG Workshop II

**Location:** Zwolle, the Netherlands

**When:** Wednesday April 24, 2019

**Venue:** Hotel Lumen, Stadionplein 20, 8025 CP Zwolle, Netherlands +31 88 147 1471

**Registration of bedrooms at Hotel Lumen:** [info@lumenzwolle.nl](mailto:info@lumenzwolle.nl) use: DUAL PORTS/Port of Zwolle

**Registration to conference at mail:** [communicatie@portofzwolle.nl](mailto:communicatie@portofzwolle.nl)

### Programme:

- 12:00-13:00 Arrival and Lunch
- 13:00-13:10 Welcome by Mr. Jeroen van den Ende, Port of Zwolle and introduction to DUAL Ports by Mr. Wim Stubbe, Port of Oostende.
- 13:10-14:40 **DUAL Ports LNG workshop II:**  
New and greener fuels in shipping and ports - Opportunities and challenges.
- Various ways of propulsion, multiple sources**  
Mr. Bart Kuipers, Erasmus Centre for Urban, Port and Transport Economics - NL
- Experiences from LNG propulsion in bulk ship**  
Mr. Jens Buchhave, TernTank - DK
- Decentral small-scale LNG and LBG production**  
Mr. Jacob Himmelstrup, NærEnergi - DK
- Business case and feasibility - LNG in the Port of Skagen**  
Mr. Jesper Rullfs, Port of Skagen - DK
- 14:40-15:00 Coffee/tea break
- 15:00-16:00 **Investments in green and blue:**  
Is it a dream or cost efficient?
- Examples of financial cooperation - private and public**  
Mr. Nikolaj R. Krause, MEQ Partners - DK
- Investing in LNG or another alternative source?**  
Mr. Nutte Visser, Director MCS Full Service Container Logistics - NL
- Cleaning ship hulls with robots, less fuel consumption**  
Mr. Alex Noordstrand, Fleetcleaner BV - NL
- 16:00-16:30 **LNG or LBG in ports: Group discussion**  
Challenges for ports to realise the potential of LNG/LBG systems as a value-added activity?
- 16:30-17:00 **Summary of discussions**
- 17:00-17:15 **Concluding remarks on the day - learnings and to do's**
- 17:15-18:00 **Refreshments and informal get together**
- 20:00 - 22:00 **Informal working dinner - Lumen Hotel**

## DUAL Ports Partnership meeting

**Location:** Zwolle, the Netherlands

**When:** Thursday April 25, 2019

**Venue:** Hotel Lumen, Stadionplein 20, 8025 CP Zwolle, Netherlands +31 88 147 1471

**Registration of bedrooms at Hotel Lumen:** [info@lumenzwolle.nl](mailto:info@lumenzwolle.nl) use: DUAL PORTS/Port of Zwolle

**Registration to conference at mail:** [communicatie@portofzwolle.nl](mailto:communicatie@portofzwolle.nl)

### Programme (PARTNERS ONLY):

08:30-08:45 **Welcome to Partnership meeting by Wim Stubbe**

Programme of the day

08:45-10:00 **Short updates on pilots in operation**

#### Pilots in Operation:

SAIL - Fair Wind

Madadh/Geoff

HYDRO - ITM

David

LOW CARBON Harbour PLAN - Port of Zwolle

Jeroen

Green Officer - Emden

Matthäus

Dockland - Port of Oostende

Wim

HEAT - Hvide Sande Fjernvarme

Martin

HYDRO II - Port of Hvide Sande

Bent

SURFACE - Port of Skagen

Jesper

LNG - Port of Skagen

Jesper

10:00-10:15 **Break**

10:15-10:45 **News from**

Administration:

Simona

Communication:

Camilla

Dual Ports meetings in 2019

Wim/Jens

10:45-10:50 **SUM UP and meeting closed**

## DUAL Ports Innovation meeting

**Location:** Zwolle, the Netherlands

**When:** Thursday April 25, 2019

**Venue:** Hotel Lumen, Stadionplein 20, 8025 CP Zwolle, Netherlands +31 88 147 1471

**Registration of bedrooms at Hotel Lumen:** [info@lumenzwolle.nl](mailto:info@lumenzwolle.nl) use: DUAL PORTS/Port of Zwolle

**Registration to conference at mail:** [communicatie@portofzwolle.nl](mailto:communicatie@portofzwolle.nl)

### Programme:

Refreshments served

- |             |  |
|-------------|--|
| 11:00-11:10 | <b>Welcome to Dual Ports Innovation Meeting by Mr. Wim Stubbe</b>  |
| 11:10-11:40 | <b>Presentation by Mr. Fanbing Song,</b><br>F. C. Nüdling - KG Betonelemente GmbH.<br>"Perspectives on the use of AirClean road granulate" |
| 11:40-12:10 | <b>Presentation by Mr. Troels Schönfeldt,</b><br>Seaborg Technologies Aps.<br>"Alternative power systems to ships"                         |
| 12:10-12:40 | <b>Presentation by Jeroen Fanoy and Arno Timmerhuis,</b><br>Provincie of Overijssel<br>"Smart Port / Blue wave"                            |
| 12:40-13:10 | <b>Presentation by Mrs. Thecla Bodewes,</b><br>TB Shipyard (tbc)<br>"Future growth perspective ship builders"                              |
| 13:10-13:15 | <b>Sum up and closing of Innovation Meeting by. Mr. Wim Stubbe</b>   |
| 13:15-14:15 | <b>Lunch</b>   |