

## Workshop Sediment Management in Ports



Ports are important hubs for international freight distribution, they keep local economy turning and create direct or indirect job opportunities. In order to remain functional, accessible and efficient, a sediment management is an essential requirement in port maintenance.

The process of maintaining the depth of ports and waterways to make them navigable and safe for shipping is connected to a couple of challenges. What influence will future sediment movements have on ports? How can contaminated sediments be handled? How can the influence on the environment be reduced?

This workshop will focus on the challenges ports are facing in water depth preservation, the impacts of dredging activities on the environment and on more sustainable solutions. This venue will give some international good practices on effective and sustainable sediment management and will illustrate some running cooperation projects with a an added value for the regions and the ecosystem.

The workshop is organized with the INTERREG Projects DUAL Ports by Niedersachsen Ports together with Groningen Seaports.

Jens Henrik Møller (GEMBA Seafood Consulting) will be the chairman of the workshop and guide you through the day.

You can register for the workshop by using the following e-mail:  
[info@vordingborgerhverv.dk](mailto:info@vordingborgerhverv.dk)

**Place of venue: Schildweg 16, 9979 XR Eemshaven  
Groningen Seaports  
Eemshaven (Netherlands)**

### Contact Persons:

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[www.northsearegion.eu/dual-ports/](http://www.northsearegion.eu/dual-ports/) and [www.dualports.eu/](http://www.dualports.eu/)



## Agenda Tuesday, 29th of October 2019

- |              |  |              |  |
|--------------|--|--------------|--|
| <b>8:30</b>  | <b>Registration/coffee</b>   | <b>11:15</b> | <b>Plastic Flux to the Sea and Innovation Trajectories</b><br>by Eric Toorman (Devriese, Lisa)<br><i>Flanders Marine Institute (BE)</i>  |
| <b>9:00</b>  | Welcome & Introduction<br>by Bart van der Kolk (Groningen Seaports) & Matthäus Wuczowski<br>(Niedersachsen Ports)  | <b>11:30</b> | <b>Analysis-Methodology of Event-Driven Sedimentation in a Shipyard</b><br>by Jan Visscher<br><i>Ludwig-Franzius-Institute for Hydraulic, Estuarine and Coastal Engineering (DE)</i> |
|              | <b>A. <u>Technologies</u></b>  | <b>11:45</b> | Q&A – speakers part C  |
| <b>9:15</b>  | <b>General Dredging Introduction and Sediment Logistics</b><br>by Jef De Brabandere<br><i>Adjuvans (BE)</i>  | <b>12:00</b> | <b>Building with Nature</b><br>by Martin Baptist<br>Wageningen Marine Research Ecoshape (NL)   |
| <b>9:30</b>  | <b>Dredging Technologies – Future Dredging Equipment</b><br>by Jannes Kamphuis<br><i>IHC (NL)</i>  | <b>12:15</b> | <b>Re-use of Sediment in Port or Coastal Infrastructure</b><br>by Luca Sittoni<br><i>Deltares, Ecoshape (NL)</i>   |
|              | <b>B. <u>Challenges in Sediment Management</u></b>   | <b>12:30</b> | Q&A – speakers part C  |
| <b>9:45</b>  | <b>The nature perspective: Environmental Effects of Sediment management</b><br>by Gregor Scheiffarth & Dr. Inga Nordhaus<br><i>Lower Saxon Wadden Sea National Park Authority (DE)</i> | <b>12:45</b> | <b>Lunch &amp; networking</b>  |
| <b>10:00</b> | <b>Large-scale sediment transport and morphological modeling as a sediment management tool</b><br>by Andreas Wurpts<br><i>NLWKN (DE)</i>   | <b>13:45</b> | <b>D. <u>Best practice projects on sediment management in the Northeast Netherlands</u></b>  |
| <b>10:15</b> | Q&A – speakers part A & B  |              | <b>Bustour: “Evolve mud from the Ems estuary into a resource for the region”</b>   |
| <b>10:30</b> | <b>Coffee break &amp; networking</b>   |              | Dubbele dijk – Marconi - Kleirijperij Valgen - Fivelpoort blokken  |
|              | <b>C. <u>Sustainable Approaches &amp; Solutions in Sediment Management</u></b>   | <b>16:30</b> | <b>Get together</b>  |
| <b>11:00</b> | <b>Generating Energy by Gasification of Marine Sediments and Waste</b><br>by Thies von Appen<br><i>EXOY Green Systems GmbH (DE)</i>  | <b>17:00</b> | <b>End of the workshop</b>   |

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## Accommodation & Directions

### Hotels in Groningen

The major city in the vicinity of Eemshaven (approx. 30km) - Groningen - offers various hotels and guesthouses:

#### **Best Western Hotel Groningen Centre**

Radesingel 50  
Groningen, 9711 EK

#### **Martini Hotel**

Gedempte Zuiderdiep 8  
Groningen, 9711 HG

#### **Van der Valk Hotel Groningen – Hoogkerk**

Borchsingel 53  
Eelderwolde, 9766PP

### Hotels in Delfzijl

The city of Delfzijl which is located approx. 15km south of Eemshaven offers a limited number of small hotels and guesthouses.

### Directions to the place of venue

#### **From Delfzijl:**

Take the N360 towards Appingedam until the crossroads with the N33 (Assen-Eemshaven). Turn **left** onto the N33 towards Eemshaven. You will pass Holwierde, Losdorp and Spijk. Continue along this road until the roundabout in Eemshaven; turn **left** (third exit). You are now on the Kwelderweg. Take the third turning on the **right**, after the Theo Pouw yard. At the end turn to the **left**. After a few hundred metres Nijlicht appears on your **left hand**.

#### **From Groningen (via N46):**

Take the N46 (Eemshavenweg) towards Eemshaven. Continue along this road until Eemshaven and take the first turn on the **right** (Kwelderweg). You are now driving towards the Electrabel power station. Take the first turning on the **left** and at the end of the road turn to the **right**. Nijlicht appears on your **right hand**.

#### **From Veendam:**

Take the N33 towards Eemshaven. You will pass Appingedam, Holwierde, Losdorp and Spijk. Continue along this road until the roundabout in Eemshaven; turn **left** (third exit). You are now on the Kwelderweg. Take the third turning on the **right**, after the Theo Pouw yard. At the end turn to the **left**. After a few hundred metres Nijlicht appears on your **left hand**.



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