



## Sediment Management in Ports

**Last week, Niedersachsen Ports and Groningen Seaports hosted a successful workshop that focused on finding sustainable solutions for the challenges that ports face in water depth preservation, the impacts of dredging activities and more.**

An entire day was dedicated to Sediment Management in Ports. Vessels have become bigger and the volume is continuously increasing which sets higher demands for ports maintenance and development to manage distribution. Moreover, the national authorities are stepping back from their responsibility to guarantee the maritime access to Small and Medium-sized ports. By consequence, the port managers need to find cost effective and ecological solutions in order to safeguard their operationability. Finally, the port managers have to consider the impact of the sea-level rise in order to protect their local communities. The traditional solutions, offered by the national governments, like building concrete walls, have become insufficient. Sediment management is an essential requirement to meet those demands.

Speakers and participants shared their knowledge and international best practices on sediment management. Participants were introduced to insights on the topics *Re-use of Sediment in Port and Coastal Structure*, *Dredging Technologies*, *Environmental Effects of Sediment Management*, *Generating Energy by Gasification of Marine Sediments and Waste* among others.

The workshop ended with a bus tour that presented participants to some of the physical locations of projects on sediment management in Northeast Netherlands. The weather was perfect for a field trip which the pictures can illustrate.

[View the full program of the workshop with a list of all the presentations and speakers of the day.](#)

[Read more about the workshop](#)

**Remember to join us at our next workshop WAVE/HYDROGEN/HEAT!**

Scroll down to read more about the workshop.

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## Dredging and sediment logistics

Jeff De Brabandere from Adjuvans (BE) joined the workshop and gave his presentation "General Dredging Introduction and Sediment Logistics". He took us through the history of dredging and illustrated the historical pollution which can be controlled with efficient sediment management. Major pilot projects, which Adjuvans and Groep Decloedt have realised within the ports of Kobenhavn and Hamburg, got the full attention of the audience.

[View the full program of presentations and speakers](#)

## Building with Nature

Martin Baptist, engineer and marine ecologist at Wageningen Marine Research Ecoshape (NL), was one of the workshop's speakers. Martin presented his project on beneficial use of dredged sediment to enhance salt marshes' development by applying a "Mud Motor" in his presentation *Building with Nature*.

[Read more about the project here](#)



## Niedersachsen Ports

Matthäus Wuczkowski is Manager for Sustainability and Innovation at Niedersachsen Ports GmbH & Co. KG. In cooperation with DUAL Ports and Groningen Seaports, he organized the workshop as he saw an opportunity for all participants to share knowledge, good practices and introduce some running cooperation projects for the continuous sustainable development

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of ports.

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Matthäus is the pilot leader for all three pilot projects on the Port of Emden; Sediment, LED lighting and Green Port Officer.

[Read more about the pilot projects](#)



## GreenPort Congress 2019: Small ports take big steps for sustainability

**At the GreenPorts 2019 conference, small ports showcased their progress to tackle emissions and build operational environmental awareness with limited resources.**

Small ports showcased the steps they have been taking towards zero-emission and environmental friendly solutions despite their limited resources and small budgets.

The Port Authority of Skyros in Greece introduced their investment in annual sea bed clean-ups, a ship-generated waste management plan and use of electrical vehicles among others. And the Port of Helsingør in Denmark presented their projects in wind power, battery-powered ferries and short-sea shipping. Their ambition is to build new quay with shore power.

[Read more](#)



## WAVE/HYDROGEN/HEAT Workshop in Hvide Sande, Denmark

**DUAL Ports will host a WAVE/HYDROGEN/HEAT workshop in Hvide Sande, Denmark, on Monday, the 9<sup>th</sup> of December 2019 to Tuesday, the 10<sup>th</sup> of December 2019.**

Join us at our next workshop where the topic is sustainable solutions for ports using Wave, Hydrogen and Heat. At the workshop, you will be introduced to some of the DUAL Ports pilot projects within the three areas who will present their work and progress and share their good practices.

The workshop speakers will take us through topics such as *Windfarms at the west coast of Jutland, the Wave sector in Northern Europe, How to combine different energy forms in*

[Subscribe](#)[Past Issues](#)*port areas and how we run the Blue-Green development in our part of the world.*[Translate ▼](#)[RSS](#)

Christian Byrith, CEO at Interreg North Sea Region Secretariat Viborg, Denmark, will also join us and present information about the North Sea Region Program and what we can expect in the next period.

On Tuesday, the 10<sup>th</sup> of December 2019, the Port of Hvide Sande will host a tour to its facilities along with a presentation of their pilot on how to make Hvide Sande into a zeroemission city using Wave, Solar, Wind, Heat and Hydrogen.

Registration to mail: [jp@vordingborgerhverv.dk](mailto:jp@vordingborgerhverv.dk) or Josephine Petersen +45 2081 9034.

## Practicalities

Insofar you need any support as to the logistics or the lodging, please send a mail to Bent Haumann from Hvide Sande Havn at [bh@hvshavn.dk](mailto:bh@hvshavn.dk).

## Transportation

The Port of Hvide Sande offers transportation with shuttlebus from Billund airport to the place of venue in Hvide Sande.

**Arrival:** The bus will depart from Billund airport no later than 11am on Monday, the 9<sup>th</sup> of December, and it will drive directly to the place of venue.

**Departure:** The bus will depart from Hvide Sande Hotel at 9am on Wednesday, the 11<sup>th</sup> of December, and it will drive directly to Billund airport with expected arrival at 10.30am.

Participants who have booked accommodations at another hotel are encouraged to take a taxi to Hvide Sande Hotel for transportation with the shuttlebus.

Registration for transportation with shuttlebus is to be sent to Bent Haumann at [bh@hvshavn.dk](mailto:bh@hvshavn.dk) **no later than 28<sup>th</sup> of November.**

[Read more here](#)

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To learn more about DUAL Ports, visit [www.dualports.eu](http://www.dualports.eu)

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