

WADDEN SEA FORUM

Working Group Energy/Industry/Infrastructure (WG EII)

10th Meeting

Brunsbüttel, 22 November 2010

FINAL DRAFT MINUTES

1. Opening

Document: WG EII 10-1 Draft Agenda

The host of the meeting, Mr Schnabel, welcomed the participants at Brunsbüttel Ports. The chairman, Mr Rothkopf also welcomed the participants and opened the meeting around 11:00. Mr Revier was not able to join the meeting. A short round of introduction was made. A list of participants is in **Annex 1**. The agenda was **adopted** without any amendments and is in **Annex 2**.

2. Adoption of the minutes WG EII-9

Document: WG EII 9 Final Draft Minutes

The meeting adopted the final draft minutes of WG EII-9, 16 March 2010 without any amendments.

3. Announcements

Gerd Töpken introduced a resolution of the chamber of commerce Ostfriesland/Papenburg, in which it was requested to solve the conflicts between wind turbines and radar control of the German air force. The installation of wind farms would be an economic potential which should be used, on the other hand, disturbances of air surveillance could not be accepted. A solution could be the acquisition of new radar units. Frank Schnabel informed the meeting that the companies GDF Suez and SWS have submitted an application for permission of a coal power plant in Brunsbüttel. Nevertheless, a realisation of the plan would be unforeseeable. He further informed about good progress in the off-shore wind market and the potential for Brunsbüttel was documented in a study made by Uni Consult Hamburg. Thirdly, Mr Schnabel briefly reported about the collaboration of ports along the west coast of Schleswig-Holstein. This cooperation would offer services for the off-shore business. A flyer of this cooperation was handed out.

Eric Dorenbos referred to the oil spill in the Gulf of Mexico and reported that this had led to spin off effects also in Europe. The oil and gas companies took steps for a self-assessment due to the design, construction and operation of wells, inclusive worst case scenarios and delivered a report and presentation to the regulator/government. The bottom line is "no serious shortcomings in safety of drilling activities in The Netherlands". That is not to say that there are no improvement areas, both for oil and gas companies

and the regulator itself. The regulator recommended the formation of 2 joint working groups, one in the area of well design/well construction/well control and the other in the area of emergency response to work the issues. Also the EU will start a consultation process for concrete legislative and/or non-legislative measures. Ref. communication **from the commission to the European parliament and the council: 'Facing the challenge of the safety of offshore oil and gas activities'**.

[http://ec.europa.eu/energy/oil/offshore/doc/com\(2010\)560_en.pdf](http://ec.europa.eu/energy/oil/offshore/doc/com(2010)560_en.pdf)

Martin Kröger stated that the insurance system of the shipping business with its funds and reliability should be transferred to the exploration business to reach secure developments.

Hans-Werner Rothkopf informed the meeting about the forward projection of the harbour concept in Lower Saxony. The cooperation, which started in 2007, would be continued by involving all stakeholders and deliver worthwhile contribution to the German harbour system.

Secondly, he informed the meeting about a proposed enlargement of the Lower Saxonian part of the World Heritage Site, adapted to the new borders of the National Park. With the new Federal Nature Conservation Act, the National Park had been enlarged by some 60,000 ha, which had been bird sanctuaries and conservation area before. This area would cover also the shipping routes to Wilhelmshaven and negative effects on the harbor business would be expected. The harbor organization and chamber of commerce would oppose an enlargement of the World Heritage Site in Lower Saxony.

4. Structure WG EII

The working group shipping discussed in its meeting on 27 September a restructuring of the working groups shipping and EII. The shipping group proposed and agreed that it would make sense to integrate harbor issues in their tasks, as these were very much related to shipping, particularly regarding control and management systems, container handling and shipping supply.

The meeting briefly discussed this item and also agreed to move the harbor business to the shipping group. Further, it was requested to attract new members from the energy sector in the working group EII. The participants promised to use their system and contacts to ask possible experts.

5. CO₂ neutral Wadden Sea Region

The ministers for environment of the three Wadden Sea countries announced at the Sylt conference in March 2010 a CO₂ neutral Wadden Sea until 2030. Recent developments show that some island and counties are going ahead with statements about CO₂ neutral or climate friendly goals till 2020.

The meeting discussed these political aims in general as well as possible activities and processes to contribute to the political aim.

The meeting stated that the issue of CO₂ reduction would be a global issue and that activities (e.g. the implementation of an emission trading system) should primarily be dealt with by the competent international organisations such as the International Maritime Organisation IMO.

The IMO is already discussing CO₂ reduction in the shipping business for almost two years and examples of contribution could be new ship designs, improvement of management plans and slow steaming. Further measures could be the introduction of tax reduction for environmental friendly shipping and innovative drives.

The meeting was of the opinion that first responsibilities had to be taken by the governments in order to define targets for CO₂ emissions, for which an inventory is needed. Also a scoping process would be needed to define borders within the Wadden Sea Region, in which measures should be applied.

Within the discussed process, political commitment is also needed for goals in energy production. This encompasses goals for fossil and renewable energy, CCS as well as energy saving.

In order to continue the discussion about a CO₂ neutral Wadden Sea, the meeting agreed to compile information about relevant activities and measures and to invite the governments to take part in one of the coming meetings. The working group will deliver the information to the secretariat.

6. Container handling and tracking

Martin Kröger from the ZDS informed the meeting about container handling and tracking with an inspiring presentation. The presentation is in **Annex 3**.

7. Harbour development

Mr Schnabel from Brunsbüttel Ports introduced the portfolio and developments of the harbour by a short presentation. Following, a trip through the harbour was made to get a realistic impression of the facilities and activities. The main topics and information are summarized in **Annex 4**.

8. Further work topics

Some of the main work topics have been discussed under the agenda items above. A more detailed discussion was postponed to the next meeting in 2011.

9. Any other business

No other business discussed.

10. Next meeting

The meeting agreed on 3 March 2011 as next meeting date. The location will be settled through the secretariat at a later stage.

11. Closing

The chair thanked Mr Schnabel for hosting the meeting and the participants for their fruitful contributions and closed the meeting at 14:30 hours on 22 November 2010.

Annex 2

WADDEN SEA FORUM

Working Group Energy/Industry/Infrastructure (WG EII)

10th Meeting

Brunsbüttel, 22 November 2010

A G E N D A

- 1. Opening**
- 2. Adoption of the minutes WG EII-9**
- 3. Announcements**
- 4. Structure WG EII**
- 5. CO₂ neutral Wadden Sea Region**
- 6. Container handling and tracking**
- 7. Harbour development**
- 8. Further work topics**
- 9. Any other business**
- 10. Next meeting**
- 11. Closing**



Harbour Group Brunsbüttel Ports GmbH & Glückstadt Port GmbH & Co. KG

Presenter: Frank Schnabel
Date:



Elbehafen Brunsbüttel



Port of Ostermoor Brunsbüttel



Oilport Brunsbüttel



Location - Lower Elbe Strategically excellent location



Brunsbüttel Ports GmbH

Short summary



Brunsbüttel Ports GmbH is 100% owner and operator of the infrastructure and superstructure of the following ports:

- ❖ Elbehafen
- ❖ Port of Ostermoor (within Kiel-Canal)
- ❖ Oilport (within Kiel-Canal)

In addition Brunsbüttel Ports GmbH operate the Port of Glückstadt and another terminal in Hamburg at the Company Aurubis.

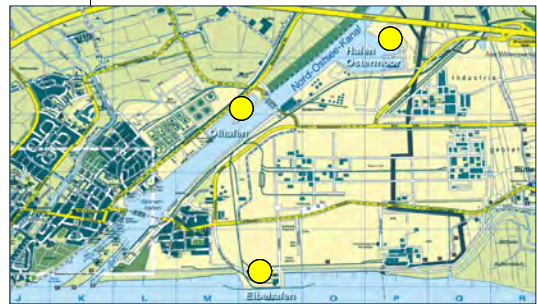
→ 5 Locations

Today Brunsbüttel Ports GmbH has around 100 employees and is part of the SCHRAMM group.



Ports of Brunsbüttel

Industrial site of Brunsbüttel





Service Portfolio of SCHRAMM group

- ◆ Sea tugging
- ◆ Boatmen
- ◆ Barges
- ◆ Tugging
- ◆ Heavy Lift
- ◆ Shipbuilding
- ◆ Port assistance
- ◆ Ports
- ◆ Surveys
- ◆ Stevedores
- ◆ Ships fitting
- ◆ Oil pollution fighting
- ◆ Ships disposal
- ◆ Sea transport
- ◆ Salvage
- ◆ Storage/Logistics
- ◆ Ship constructional engineering



History – some Highlights

Elbehafen Brunsbüttel / Development of Brunsbüttel Ports GmbH



- 1967 The Elbehafen Brunsbüttelkoog GmbH was founded
- 1968 Official opening of Port facilities
- 1999 Privatizing of the Ports of Brunsbüttel**
- 2005 Close of 20-years logistical contract with Aurubis AG (Hamburg)
- 2007 Start of handling copper concentrate**
- 2009 Change of name to Brunsbüttel Ports GmbH
- Today Prospect of settlement of coal power plants and wind energy projects



Multipurpose Port

Available 24h per day - 7 days per week



Cargo handling areas

Bulk Cargo



- Coal
- Building material
- Cement
- Copper Ore
- Substitute fuels

General Cargo



- Wind power stations
- Container
- Engine parts
- Big Bags/Pallets
- Concrete piles
- Barrels/bagged cargo

Liquid Cargo



- Crude oil
- Liquid gas
- Chemicals
- Petroleum goods



Multipurpose Port - Elbehafen Brunsbüttel

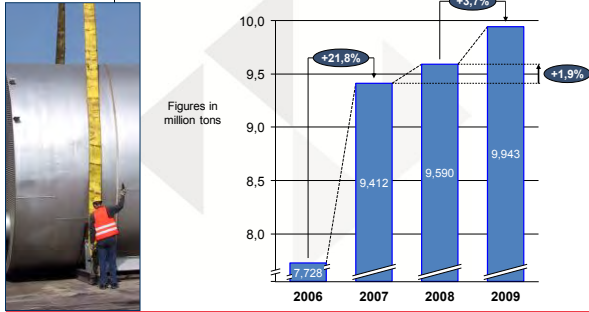
Nautical and technical data





Cargo handling figures Ports of Brunsbüttel

Development 2006 - 2009



www.schrammgroup.de

Seite 9



Ranking of German Seaports

Source: Hafen Hamburg Marketing e.V. and Brunsbüttel Ports GmbH



	2008	2009	Change
	in Mio t	in Mio t	in %
1. Hamburg	118,915	94,762	-20,3
2. Bremen/Bremerhaven	63,501	53,941	-15,1
3. Wilhelmshaven	40,556	34,196	-15,7
4. Lübeck	21,334	17,448	-18,2
5. Rostock	21,278	17,384	-18,3
6. Brunsbüttel	9,590	9,943	+3,7
7. Brake	5,745	4,728	-17,7
8. Bützfleth	5,573	4,673	-16,1
9. Emden	4,517	3,562	-21,1
10. Puttgarden/Fehmarn	4,073	3,479	-14,6

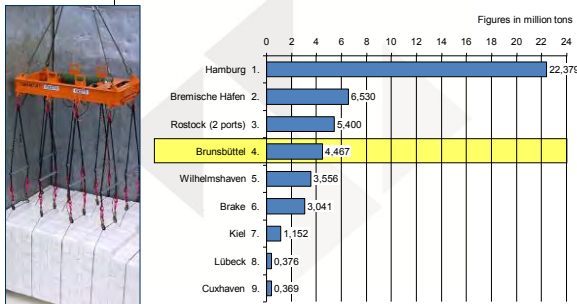
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Seite 10



Bulk cargo handling (dry bulk) - Ranking of selected Seaports

Source: Hafen Hamburg Marketing e.V. - Year 2009



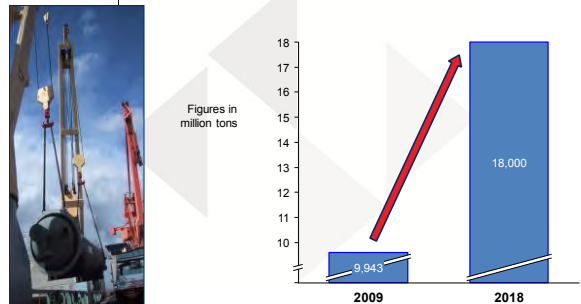
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Seite 11



Forecast

On the basis of actual customer enquiries

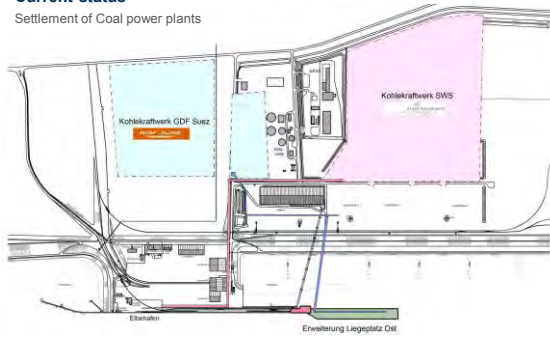


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Seite 12

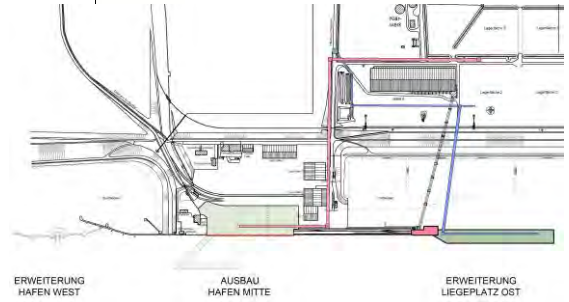
Current status

Settlement of Coal power plants



Projected Port development

Summary of expansion steps



Further projects

Long term Enquiries

Coal

- ❖ Residue disposal

Bulk goods (t. g.)

- ❖ Various goods

General cargo

- ❖ Production of Offshore Jackets
- ❖ Handling, storage and transport of Offshore components

Liquid cargo

- ❖ Tank farm for chemicals
- ❖ Tank farm for mineral oil products

Potential for growth – Windmills

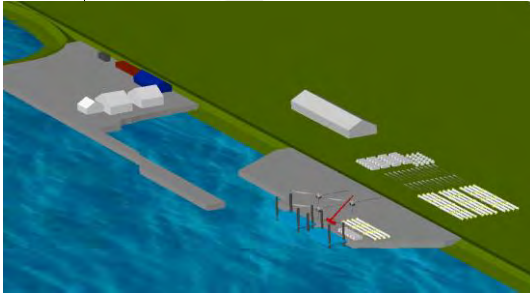


- ❖ Handling of around **1.500 components** for the Onshore (and Offshore) wind energy sector **every year**.
 - ❖ Since 2005 more than 4.500 windmill-components were handled in Brunsbüttel.
- Upward trend!**
- ❖ Transshipment of **12 REpower 5M windmills** (unit weight 350 t)



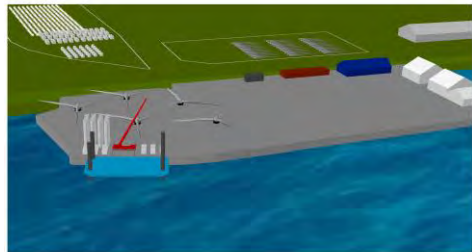
Prospects and concept:

Multi Purpose Pier / new Offshore Pier East, storage areas



Prospects and Offshore concept:

Fill-up western-basin, storage areas



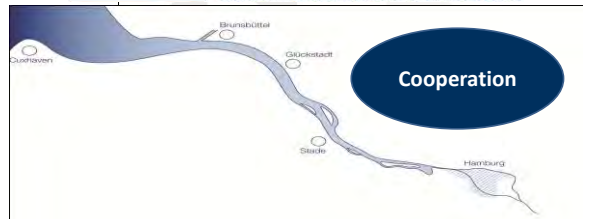
Projected port development

(Draft) Offshofe Port – Port of Ostermoor



Port concept Unterelbe

Cooperation of the Ports of Unterelbe



Port concept Unterelbe

Workshop at Brunsbüttel



1. Corporate marketing
2. Infrastructure / maintenance / purchasing
3. Nautical coordination
4. Approval procedure management / expansion
5. Operative tasks

Benefits for all



Ports of Unterelbe / Hamburg



Port cooperation Offshore-Ports North Sea S-H

The North Sea ports of Schleswig-Holstein agree on cooperation

Linking the North Sea ports of Schleswig-Holstein for the purpose of an overall maritime offer for the installation and supply of offshore wind farms.

- ❖ Assembly and manufacturing ports, ports for supply and ports for immediate support for offshore wind farms
- ❖ Joint port concept
- ❖ Bundling of locational advantages
- ❖ Minimizing interfaces within the supply chain
- ❖ One stop – one contact for the customer



Cooperation Ober- and Unterelbe



Since August 2009 the cooperation of the Sächsische Binnenhäfen, Brunsbüttel Ports GmbH and Glückstadt Port GmbH & Co. KG is working well.

„Oberelbe meets Unterelbe“

Further cooperation



Cooperation of bremenports GmbH & Co.KG and
Brunsbüttel Ports GmbH

Collaboration in the fields of activities:

- ❖ Port planning and development
- ❖ Port infrastructure and port superstructure
- ❖ Hinterland connection and transport logistic
- ❖ Maritime environmental protection

RENSBURG PORT

Customized maritime services in the heavy-lift Port "Neuer Hafen Kiel-Canal"
Osterrönfeld

Portfolio:

- ❖ Administration
- ❖ Organization / cargo handling
- ❖ Storage
- ❖ Additional Services, e.g. mooring



IBJ Award



Best specialist Dry Bulk Port

The International Bulk Journal (IBJ), an international magazine for bulk goods has in 2009 for the first time presented awards for excellent achievements in „Maritime Bulk Industry“.



On 23rd November 2009 Brunsbüttel Ports GmbH received the award in the category „Best specialist Dry Bulk Port“ with the logistical conception for handling copper ore concentrate for Aurubis AG, Hamburg, and for putting the conception successfully into place. The award ceremony was held at the Beurs van Berlage, the former stock exchange in Amsterdam.

Rail traffic Infrastructure

Hinterland Connection - ChemChoast Park Brunsbüttel





Apprenticeship enjoys first priority!

Eight different apprenticeships



Apprenticeships

- ❖ Administrator
- ❖ Office clerks
- ❖ Mechanics
- ❖ Electricians
- ❖ Port logisticians
- ❖ Shipping clerk
- ❖ Industrial clerk
- ❖ Business economist (dual training)

Percentage of apprentices: > 14%



Thank you very much for your attention

SCHRAMM group
Brunsbüttel Ports GmbH
Glückstadt Port GmbH & Co. KG

Presenter: Frank Schnabel
Date:

