LNG in Baltic Sea Ports II
Port of Rostock

03.12.2015, Trelleborg

Hafen-Entwicklungsgesellschaft Rostock mbH
Bunker risk analysis

Risk analysis according to ISO 18683 „Guidelines for systems and installations for supply of LNG as fuel to ships“ and ISO16901 „Guidance on performing risk assessment in the design of onshore LNG installations including the ship/shore interface“

Analysis is basis for approval of bunker operations in the port of Rostock by the port authority and the definition of technical and organisational safety requirements

Approval according to Hafenverordnung Mecklenburg – Vorpommern §22a
1. General approval for bunker operator
2. Obligatory notification of every bunker operation
Bunker risk analysis

Costs: 170,000 EUR
Contractor: DNV-GL
Editing time: Nov./Dec. 2015

Risks while bunkering TTS, STS

Nautical risks while LNG tanker is operating in port of Rostock
Preparatory studies for the establishment of a small scale LNG-Hub

Planned: risk studies according to BImSchG-approval procedure

BUT

This study has not been performed by the project partner as

Port of Rostock is supported by a private investor (Gazprom Germania) who investigates market potential and ensures all studies regarding the BImSchG-approval
Preparatory studies for the establishment of a small scale LNG-Hub
(outside MoS-project LNG in BSP II)

First design studies has taken place, further engineering in 2016

Location of the ssLNG-hub is further specified and harmonized with competing uses (grain storage and handling)

Market potential has been estimated

Primary: road transport (HGV, public transport)
Secondary: maritime bunker volumes
Thank you for your attention!

Opening new horizons