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Our ambition

Shaping opportunities and potentials for sustainable economic LNG development on the North Sea coast and for the state of Lower Saxony!

Support the development of an LNG infrastructure and LNG technology beyond shipping in Lower Saxony and especially in the coastal region!

Key facts

Project:

LNG.Agentur Niedersachsen

Duration:

30 months (01.11.2019 – 30.04.2022)

In cooperation with:

Wilhelmshavener Hafenvirtschafts Vereinigung e.V.



Oldenburgische
Industrie- und Handelskammer



What is Liquefied Natural Gas (LNG)?

- LNG is liquefied natural gas (-163 °C)
- LNG is used as part of the national energy supply, as an energy source in the chemical industry, for heat supply and as an alternative fuel for ships and land-based vehicles
- Advantages:
 - + LNG has a high energy density and in liquefied state is advantageous for transport and storage (one six hundredth of the volume of gas under normal pressure)
 - + The use of LNG as fuel results in a reduction* of CO₂ emissions, nitrogen oxides, particulate matter and sulfur oxides

*in comparison to: marine diesel and heavy oil

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Supported by:



Niedersachsen



Bundesministerium
für Wirtschaft
und Energie



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Activities



LNG strategy

- Support in the development of LNG technology and infrastructure
- Development of scenarios for transport modes, logistic processes, energy supply and interfaces
- Special focus on the role of ports and nautical aspects



LNG infrastructure and distribution

- Identification of LNG infrastructure measures
- Investigation of LNG bunker and supply chain concept aspects



LNG value chains

- Promotion of LNG technology as a climate- and environmentally friendly energy supply and drive alternative
- Support of new usage perspectives and business models
- Commissioning and development of potential studies



LNG innovation projects

- Identify innovation needs and initiate projects
- Development of project outlines and establishment of project consortia
- Special focus on the development potential of Bio-LNG and synthetic LNG (SNG)



LNG regulation and financing

- Analyses of current LNG regulations
- Exploration of financing models and public financing instruments



LNG network

- Targeted and structured stakeholder and policy dialogue
- Implementation of information and education measures on LNG
- Site profiling as LNG region