



HEKLA – Helsingborg & Klaipeda
LNG Infrastructure Facility Deployment



HEKLA ON THE ROAD CAMPAIGN



ABOUT HEKLA

HEKLA – Helsingborg & Klaipėda LNG Infrastructure Facility Deployment project has been recognised as significant step towards the development of an LNG bunkering network in the ports of the Baltic Sea region.

Project consists of four main activities covering real investments.



Investment activity planned in the Port of Helsingborg assumes construction of a new liquefaction plant, a storage horizontal pressure steel tank of 430 m³ and a filling station for tank trucks. The Activity will launch fuelling services for vessels and vehicles in the adjacent areas.

Port of Klaipėda will implement a multipurpose and publicly accessible LNG reloading station that will be connected to the Floating Storage and Regasification Unit – a large scale LNG terminal via a mobile multifunctional refuelling station for transport purposes.

The participating ports are among the first ports within the Baltic Sea region which are to construct infrastructure dedicated to LNG bunkering.

HEKLA's activities are pioneering and to date, there is no operating liquefaction facility in any EU country rendering services for Baltic shipping. The Klaipėda LNG Reloading Station will be the first, dedicated facility in the region. Hence, the project's outcome and experience can be shared amongst the partners and external LNG stakeholders on a Baltic and European scale.

Sharing valuable experience in overcoming problems and obstacles will serve as a cost-saving effect for the interested LNG stakeholders. As a result of the action, the deployment of Liquefaction Plant in Helsingborg and Reloading Station in Klaipėda, project will make LNG fuel

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available in the western and eastern parts of the Baltic Sea.



Despite maritime navigation, being a crucial LNG client, the fuel should be effectively implemented in other modes of transport, especially in road haulage, public transport (bus propulsion) and inland navigation.

Moreover, LNG is seen as an alternative source of energy in port operations (terminal cranes and tractors). In addition, synergies with energy sector should be explored as well.

HEKLA ON-THE-ROAD CAMPAIGN

An important element of HEKLA action is the creation of European and Baltic added value achieved by dissemination and promotion of LNG as an alternative fuel for transport energy sectors.

In order to develop the future market capacity for LNG bunkering, and to drive the investments into industrial LNG adoption, a greater degree of information as to its market availability and potential applications are needed.

Besides the implementation of the LNG infrastructure, the information campaigns will be organised in order to present practical elements and business applications of LNG technology. Within project framework, two on-the-road campaigns will be conducted, which will include visits, promotions and LNG Project presentations within the two Baltic Sea Regions.



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The HEKLA on-the-road campaign will be implemented by permanent distribution of relevant information to key stakeholders having an interest in utilising LNG technology of Helsingborg and Klaipėda.

Following plan for **HEKLA on-the-road campaign** has been scheduled:

South-East Baltic

HEKLA on-the-road campaign

Gdańsk/Gdynia	March 2016
Riga	April/May 2016
Ventspils	April/May 2016
Vilnius	June 2016
LNG Baltic Transport Forum – Klaipėda	Autumn 2016

West-Baltic

HEKLA on-the-road campaign

Rostock/Lübeck	Spring 2017
Aarhus	Spring 2017
Trelleborg/Ystad	Spring/summer 2017
Copenhagen/Malmö	Spring/summer 2017
LNG Baltic Transport Forum – Helsingborg	Autumn/winter 2017

During the seminars and meetings, besides the project partners, the floor will be given to other LNG stakeholders and LNG industry representatives in order to demonstrate their own experience and practical solutions within the field of LNG applications. Availability of the LNG on the site of the investment allows providing reliable information on LNG market, including: price levels, delivery conditions, technical requirements or support at implementation of the LNG equipment.

Both campaigns will be summarised within the LNG Baltic Transport Forum that also will be held

in Klaipėda and Helsingborg respectively. The events will host all LNG stakeholders and other interested parties who will be offered opportunity of face-to-face meetings and know-how transfer. The primary objective of these events is to generate a radical increase in interest groups within the maritime transport and energy sectors.

HEKLA on-the-road campaign will be addressed to key stakeholders representing transport and energy sector as well as other relevant business areas, such as:

- ship owners and operators of shipping lines (using LNG as a marine fuel),
- the shipyard and shipbuilding industry (implementation of LNG technology on-board),
- seaport terminals and the transshipment industry (LNG as a fuel for port equipment),
- road transport companies, including road haulage and public transport companies (LNG as a land transport fuel),
- the transport and transshipment equipment industry (implementation of LNG technology for vehicles),
- industry and enterprises (LNG as an energy source especially for off-grid locations),
- household energy suppliers (LNG for off-grid urban areas),
- public authorities issuing permits for investments and procedures related to the LNG bunkering.

HEKLA – EU ADDED VALUE

The planned comprehensive events: HEKLA's on-the-road campaign and the LNG Baltic Transport Forum will help to enhance the awareness on benefits and requirements for LNG application in transport and energy sectors. Transfer of knowledge and experience within the planned events will also encourage deployment of LNG bunkering infrastructure in the Baltic Sea.

HEKLA, as one of the first projects focusing specifically on the implementation of LNG infrastructure, will also generate valuable knowledge and experience that to be shared with relevant stakeholders via the LNG campaign and LNG Baltic market development action.