22nd-23rd April 2015, Klaipėda, Lithuania

LNG in Baltic Sea Ports Projects

Partners - LNG in Baltic Sea Ports Projects

Co-financed by the European Union
Trans-European Transport Network (TEN-T)
Baltic Ports Organization has initiated the development of LNG bunkering infrastructure in 7 ports within the Baltic Sea Region; supported by many industry organisations (shipowners, EU and national ports organisations)

- Focus on pre-investment studies such as environmental impact assessments, feasibility analyses for LNG terminals or bunkering vessels, project designs, regional market studies, safety manuals, etc.
- Activities include a ‘stakeholder platform’ that facilitated discussions among port authorities, shipowners, gas infrastructure providers, energy traders and bunkering companies.
The sequel initiative has been developed by the BPO and it is a continuation and extension of a well-established ‘LNG in the Baltic Sea Ports’ - TEN-T Motorways of the Sea Project.

- Project was developed as a result of the co-operation among the Baltic Region Ports and the action addresses one of the main challenges to maritime transport - air emission from shipping.

- The Global Project is focused on the harmonised pre-investment works and development of facilities for LNG bunkering infrastructure in Baltic Sea ports.

**Project Activities:**

- **Activity 1:** Project Management & Coordination
  - **Activity 2:** LNG in Helsingborg
    - Sub-activity 2.1 – Develop a design for a multi-purpose LNG bunker ship in the area
  - **Activity 3:** LNG in Trelleborg
    - Sub-activity 3.1 – LNG Berth Project Design
    - Sub-activity 3.2 – Complete technical design of LNG storage and bunkering facility at Berth no.13
  - **Activity 4:** LNG in Sundsvall
    - Sub-activity 4.1 – Technical design of berth due to new location
    - Sub-activity 4.2 – Detailed LNG infrastructure planning
  - **Activity 5:** LNG in Rostock
    - Sub-activity 5.1 – Obtaining all permits related to the LNG bunkering procedure
    - Sub-activity 5.2 – Technical Design of LNG bunker station
  - **Activity 6:** LNG in Klaipėda
    - Sub-activity 6.1 – Technological design study
    - Sub-activity 6.2 – Front end engineering design and QRA
    - Sub-activity 6.3 – Environmental procedures and permits
  - **Activity 7:** Harmonisation, LNG 'know-how' transfer & training
    - Sub-activity 7.1 – Harmonisation
    - Sub-activity 7.2 – LNG know-how transfer
    - Sub-activity 7.3 – LNG training scheme
Adding the partners of the ongoing BPO initiative to the seven ports of the concluded TEN-T project, results in the establishment of an extensive network of ports with planned facilities for LNG bunkering in the BSR (in total 9 of 22 Baltic Core ports and 2 comprehensive ports).

This on its own it will be a significant achievement in meeting the future clean shipping strategy in the Baltic Sea Region and in EU.