Small Scale LNG in Europe



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GIE/GasNaturally

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LNG benefits





- Contribution of LNG towards the objectives of the Paris Agreement goals.
- Environmental benefits reduction of CO2, NOx and PM particles (LNG no generates SOx emissions).
- Small scale LNG allows the replacement of highemission fossil fuels in transportation, heating and cooling, industry, power generation (decentralized) and other off-grid destinations/consumers.
- The most commercially attractive option when comparing with low sulphur heavy fuel oil or marine gas oil.

LNG – infrastructure developments



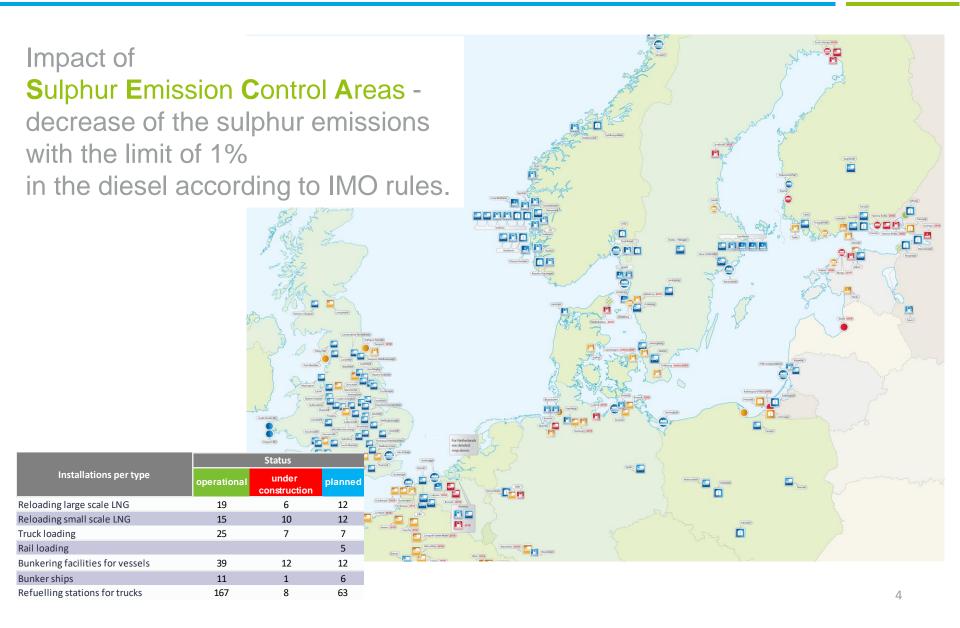




- Small-scale LNG as a reliable and effective solution for off-grid energy supply.
- Small scale LNG as the fuel of choice for clean road and maritime transportation.
- Sunkership volumes are increasing. Marine use of LNG is becoming increasingly popular.
- Significant increase of volumes in LNG truck loading (Poland as a good example - 3000 track operations in 2017).
- LNG is seen as an interesting solution for vehicles for long distances such as trucks and buses.

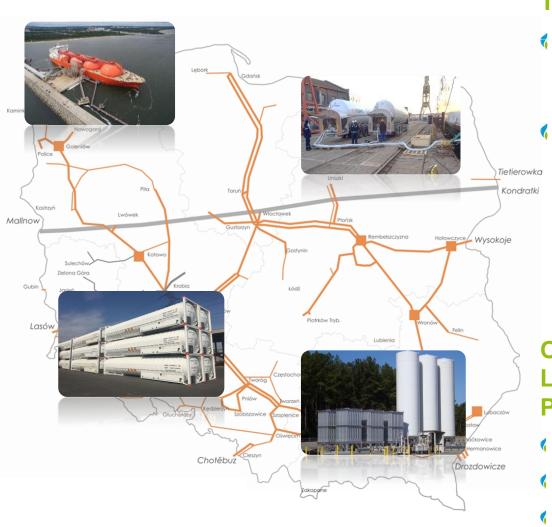
LNG – infrastructure developments





Case Study: Poland





Terminal LNG in Świnoujście

- LNG to Rail. Intermodal LNG transport into ISO containers/gas wagons.
 - Second jetty & small scale services. Loading and unloading small and medium scale LNG tankers; LNG loading to bunkering vessels.

Other infrastructure – LNG Satellite Regasification Plants:

- LNG Peak Shaving Facilities.
- Off-grid consumers.
- Fuelling stations for vehicles.



- The EMSA guidance on LNG bunkering prepared in close cooperation with EC, Member States and the industry (European Sustainable Shipping Forum).
- Commission's efforts to provide EU standards at national levels (e.g. using EMSA Guidance LNG Bunkering)
- The Commission's initiative for the alternative fuels for sustainable mobility in Europe (DAFI).
- EU financial instruments (i.e. CEF, TEN-T, EIB lending).



- The proper and timely implementation of DAFI as a key element of LNG further development.
- The extension of the "Sulphur Emission Control Areas" (SECA) zone across the EU coastline.
- The financial support to encourage the transition of LNG as a transportation fuel.
- Small Scale LNG infrastructure projects to be recognised as sustainable (ongoing debate on the new financial instruments).
- Support for the regional initiatives.

Thank You for your attention

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