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# LiquidEnergy

Liquefied (bio-)gas  
as a driving force  
for development  
and use of green  
energy technology



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POLSKA  
PLATFORMA  
LNG i bioLNG

The alternative fuels as independent power supplies are becoming increasingly significant, even if that means increases in energy costs. These fuels also make a significant contribution to improving environmental performance, such as reducing CO2 and pollution emissions. However, a particular technical challenge associated with the energy transition is the storage and distribution of high volumes of energy, for example in the form of liquid biogas or natural gas.

This is the specific technological issue that the Liquid Energy project addresses, jointly developing solutions and creating a platform for a broader and more universal use of (bio-)LNG in a micro/nano form (e.g. in decentralised energy supply system) as an alternative fuel in the future.



LiquidEnergy

The project Liquid Energy is financed under the Interreg South Baltic Program 2014 — 2020 and realised during the period 01.01.2020 — 30.06.2023 by 4 partners from Poland (Gdynia Maritime University, Maritime University of Szczecin, Metropolitan Area Gdansk-Gdynia-Sopot and Association for the Promotion Knowledge about Sea), 3 partners from Germany (Hanseatic Institute For Entrepreneurship and Regional Development, Rostock University and Inwl Non-profit Limited Institute For Sustainable Economy And Logistics) and 1 partner from Lithuania (Klaipėda Science and Technology Park).

The Maritime Institute of the Gdynia Maritime University is the Lead Partner of the project.

Furthermore, the cooperation of project partners from Poland, Germany and Lithuania allows for joining existing resources, knowledge and relevant actors on cross-border level and significantly contributing to the creation of critical mass and unlocking (especially) business cooperation in this technological area. All of which creates for a way for utilising the untapped potential of (bio-) LNG as an alternative energy source.

### The most important goals of the project:

- ✓ presentation of new and / or innovative technical solutions related to bio-LNG through:
  - the implementation of pilot investments
  - opening a new market for users of bio-LNG as a source of energy on a micro and nano scale
  - analytical activities
- ✓ promoting cross-border cooperation for the development of environmentally friendly technologies, services, products and standards through the B2B (Business to Business) on-line platform.