

NEWSLETTER

The great challenges of today

For an industry-oriented economy, a qualitatively and quantitatively reliable energy supply is a high priority. The energy transformation requires accelerated use of various resources, with particular emphasis on regional resources. This means diversifying energy sources and using all existing potential. The more intensive use of alternative fuels also significantly contributes to improved environmental performance. A particular technical challenge related to the energy transition is the storage and distribution of large amounts of energy, for example in the form of liquid biogas (bio-LNG) or natural gas (LNG).

...in line with the Green Deal

The European Green Deal is the arrangement to make the EU's economy more sustainable. The aim is to transform environmental challenges into opportunities based on fostering innovative (non-) technological solutions. To achieve the ambitious goals, several areas of intervention with a horizontal approach should be taking into account:

- investing in environmentally friendly technologies
- supporting industry to innovate
- rolling out cleaner, cheaper and healthier forms of private and public transport
- decarbonising the energy sector
- ensuring buildings are more energy efficient
- working with international partners to improve global environmental standards¹

Liquid Energy as an answer...

Unlocking the potential of (bio-) LNG as an alternative energy source on a micro / nano-scale through cross-border cooperation, bringing together a wide range of

¹ https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal_en



organizations and enterprises, is one of the most important pillars of the project's goals.

The project addresses in an innovative way also specific technological / technical problems, which are still a bottleneck for the wide use of (bio-) LNG, by jointly developing solutions using the innovative technical and technological platform for cooperation at the international level. As a result, the project envisages enhancing decentralized (regional) energy conversion with local consumption at the same time. [- more information](#)

„Magda I”, a ship presenting solutions that will make shipping more eco-friendly.



One of the projects implemented under Liquid Energy will be the modernization of boats. What are the possibilities of replacing the internal combustion engine with (bio-) LNG. [- more information](#)



Project Partners

The Liquid Energy project is implemented by eight partners and 21 associated partners from Poland, Germany and Lithuania representing public authorities, business and science.- [meet the project partners](#)

Contact

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