

JŪRA·MOPE·SEA

INTERNATIONAL BUSINESS MAGAZINE

Transport, Logistics, Energy, Science & Technologies and Environment

The magazine SEA has been published since 1935

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The first magazine in Eurasia in the four languages: English, Chinese, Russian and Lithuanian

Education is the passport to the future, for tomorrow belongs to those who prepare for it today.

Malcolm X

JŪRA MOPE SEA at the Inland Waterways Conference in Berlin





On 21-22 February *JŪRA MOPE SEA* international business magazine participated at the 2nd Annual Joint Conference by the Baltic Sea Region Programme Project EMMA and the Chamber Union Elbe/Oder, which took place in the German capital of Berlin. The Conference was supported by the Embassy of Sweden and held at the excellent complex of the Nordic Embassies. Welcoming speeches were presented by Per Thoresson, Ambassador of the Swedish Embassy in Berlin, Kurt Bodewig, European Coordinator Baltic-Adriatic Core Network Corridor TEN-T and Mandate Innovative Financing Instruments DG MOVE, Ingo Eglof, CEO at Port of Hamburg Marketing, Lead Partner EMMA Project and Carsten Christ, President of the Chamber of Commerce and Industry East-Brandenburg.

During his presentation and the meeting with the media, the Lithuanian representative Andrius Sutnikas, Project Manager at Klaipėda Science and Technology Park, provided a detailed introduction of the innovative technological project, developed in Klaipėda – a prototype of a hybrid barge, driven by liquefied biogas and an electric battery. The implementation of the innovative technological project involved the knowledge and resources of partners from three countries: Klaipėda-based Western Baltic Engineering, a subsidiary of the Western Shipyard, the Swedish Avatar Logistics company, the Port of Hamburg Marketing, as well as Klaipėda Science and Technology Park (KSTP), which coordinates the activity of the Lithuanian LNG cluster and became the project's leading partner.

The new technological solution will be used for transporting liquid cargo via inland waters between Stockholm and Göteborg – the second-largest city in Sweden. The barge will be 86 m long, featuring the capacity of 2114 m³.

The prototype currently under development is unique in the entire world: the fact that the barge will be running on liquefied biogas and electricity will enable to achieve zero emissions of CO₂, sulphur and particulates. The liquefied biogas is produced using biomethane – a concentration of methane gas can be supplied to a natural gas network or liquefied and used as transportation fuel. The main source of raw material for the production of biogas is livestock, poultry and farming waste. A part of the raw material consists of municipal waste from cities, sludge from municipal sewage treatment plants, as well as waste from food processing companies.

On the second day of the conference its participants were invited to visit a very interesting object – the Niederfinow Boat Lift, which is the oldest working boat lift in Germany. It lies on the Oder-Havel Canal near Niederfinow in Brandenburg. The lift overcomes a difference in elevation of 36 metres.