

27th REGWA Symposium ELMAR: maritime e-mobility

The voyage to electric propulsion in the South Baltic Sea

DATE

2020 November 4

LOCATION

Virtual Meeting

organised by

Stralsund University of Applied Sciences and
Economic Development Corporation Vorpommern

Please register here: regwa.hochschule-stralsund.de





PROGRAM 2020 November 4

Time	Lecturer and Topic
13:00 – 13:10	Welcome & Introduction <i>Mario Heinrich, Economic Development Corporation Vorpommern</i>
Session I	Market potential for electric propulsion in the South Baltic
13:10 – 13:30	Maritime Electro-Mobility – „What is the Main Market Barrier“ in Germany? <i>Harald Arndt, Neptun Ship Design, DE</i>
13:30 – 13:50	Hybrid drive systems in Gdansk Bay and Tricity Water Transport <i>Krzysztof Tomczuk, Electrotechnical Institute Warszawa, PL</i>
13:50 – 14:10	Ferry traffic on the Curonian Lagoon - how large is the potential for going electric? <i>Vasilij Djackov, Klaipeda University, LT</i>
14:10 – 14:30	Break
Session II	Electric passenger ships and charging infrastructure requirements
14:30 – 14:50	Results of the segment study on electric short distance passenger vessels <i>Vasilij Djackov, Klaipeda University, LT</i>
14:50 – 15:10	Rostock's first emission-free ferry on the Warnow river <i>Ingo Schillinger, Ostseestaal GmbH</i>
15:10 – 15:30	Battery charging infrastructure, dynamic charging power distribution, cooperation with the power grid in terms of battery storage and maintenance during out of season period <i>Hubert Gawiński, Electrotechnical Institute Warszawa, PL</i>
15:30 – 15:50	Break
15:50 – 16:10	Future requirements for charging infrastructures in marinas <i>Johannes Gulden, University of Applied Sciences Stralsund, DE</i>
Session III	Electric demo boats
16:10 – 16:30	The making of an electric demo boat in Lithuania <i>Green Boats, LT</i>
16:30 – 16:50	Presentation of use case of an electric demo boat and self-service rental system in Szczecin <i>Yacht Technology Association, PL</i>