

# 27<sup>th</sup> 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](http://regwa.hochschule-stralsund.de)





## PROGRAM 2020 November 4

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