



DRAFT AGENDA

**ELMAR demo boat workshop
and international e-mobility conference
Szczecin/ PL
16-17 October 2019**

Venue:

YACHT KLUB POLSKI SZCZECIN
ul. Przestrzenna 11, 70-800 Szczecin, Poland




Draft / status of agenda: 10 Oct 2019

Tuesday, 15 October 2019: Arrival of participants & networking




Time	Topic	Responsible
	<i>Individual travelling to Szczecin</i>	<i>Participants</i>
Informal get-together & networking		
19:30	<i>Informal get-together (self-paying) Location will be announced later on.</i>	<i>All</i>

Day 1: Wednesday, 16 October 2019

Time	Topic	Responsible
Registration, Welcome & Introduction		
10:30	<i>Registration & Coffee</i>	
11:00	Welcome by the host & the Lead Partner of ELMAR project Short introduction to ELMAR project Introduction to agenda	<i>Filip Gruszczyński, Paweł Materka / Polish Sailing Cluster</i> <i>Karl Kuba, Mario Heinrich / Economic Development Vorpommern</i> <i>Igor Kaniecki/ GA-MA</i>
Market potentials for e-mobility on water: presentations of international marine e-mobility sales & supplier market analyses		
11:20	Sales and supplier market analysis Germany • Presentation of results	<i>Dr. Jan Hummel / Neptun Ship Design</i>
	Q & A / discussions / conclusions	<i>Plenary</i>
12:05	Sales and supplier market analysis Poland • Presentation of results	<i>Dr. Marcin Forkiewicz / Gdansk University of Technology</i>
	Q & A / discussions / conclusions	<i>Plenary</i>
12:30	Sales & supplier market study Baltic States • Presentation of results	<i>Dr. Vasilij Djackov / Klaipėda University</i>
	Q & A / discussions / conclusions	<i>Plenary</i>
13:00	<i>Lunch Break</i>	
Electric propulsion on water: Electric drive systems		
14:00	VT-Sport  - http://vts-boats.eu/ - experiences with Torqeedo engines <i>VT Sport offers two models of motorboats (4,25 or 5,7 m long) that can be equipped with Torqeedo propulsion systems. In the session, the company will share their experiences with using the Torqeedo propulsion systems in their boats.</i>	<i>VT-Sport</i>

Time	Topic	Responsible
14:15	<p>E-Tech / Star Investments  – www.etechdrives.com – electric drives, functionalities and examples of use</p> <p><i>E-TECH will present its electric drive systems. They are constructed around the BLDC (brushless DC) motor and come in a seawater resistant and watertight aluminium casing. It will also be possible to see selected products displayed in the venue.</i></p>	Robert Regenhardt / E-Tech
Electric propulsion on water: charging and power supply infrastructure		
15:00	<p>GARO POLSKA  - https://garo.com.pl/ - applications of charging stations in marinas</p> <p><i>The presentation will cover current and possible future technological solutions of the charging station for vessels in yacht harbours and marinas in the aspect of the growing market of electric propulsion for boats.</i></p>	GARO Polska
15:30	Coffee break	
ELMAR Demo boat: How to electrify a small charter / rental boat? (part 1)		
16:00	<p>S-boats - demo-boat workshops  (part 1)</p> <p><i>This will be an opportunity to see and discuss the process of adapting a small charter/rental boat to an electric drive. The presented pilot construction process was implemented in the framework of the ELMAR project. The development team will explain the considerations and decisions taken in the process and their implications on the finally selected technology.</i></p>	Filip Mikołajczyk, Filip Gruszczyński / Yacht Technology Association
16:30	Closure of day 1	
17:30	Joint dinner at Marina Restaurant, ul. Przestrzenna 7, 70-800 Szczecin, Poland	All

Day 2: Thursday, 17 October 2019

Time	Topic	Responsible
Registration, Welcome & Introduction		
08:30	Registration & Coffee	
08:45	Welcome by the host Introduction to the agenda	Polish Sailing Cluster Igor Kaniecki / GA-MA
Electric propulsion on water: battery systems		
09:00	EAS Batteries GmbH  - https://eas-batteries.com/ - Li-ion energy storage systems <i>EAS Batteries produces high efficiency batteries for the individual needs of industry clients coming from marine, space, defence and many others. The presentation will cover the process of developing and manufacturing Li-ion energy storage systems from the cell to the complete battery system.</i>	Dr. Frank Diehl / EAS Batteries GmbH
09:30	NautiTronix  www.nautitronix.de – digital ship inspection – acting instead of reacting <i>"NautiTronix pro" is the intelligent system consisting of specially designed hardware and software. It indicates technical faults before they occur. Due to the continuous access to selected operating parameters the status data of diesel and electric ships are continuously collected and autonomously calibrated by means of an early warning system within defined thresholds.</i>	Andy Krüger, Robert Garbe Nautitronix
10:00	Coffee break	
ELMAR Demo boat: How to electrify a small charter / rental boat? (part 2)		
10:30	S-boats - demo-boat workshops  (part 2) <i>The pilot construction implemented in the framework of the ELMAR project will be presented to the participants in the construction workshop. The development team will explain the considerations and decisions taken in the process and their implications on the finally selected technology.</i> <i>Depending on advancement of the boatbuilding process, and weather conditions, test-drives may be possible.</i>	Filip Mikołajczyk, Filip Gruszczyński / Yacht Technology Association
12:30	End of the meeting	