

ELMAR Online seminar
Electric passenger ships in urban public transport
 2 June 2021, 9:00 - 12:00 h CEST

Seminar language: English

Time	Topic	Speaker
08:45	<i>Opening of the "venue" & check-in</i>	
Opening & introduction		
09:00	Welcome by the Lead Partner of the ELMAR project Introduction to the agenda	Mario Heinrich <i>Economic Development Corporation Vorpommern</i> Jens Masuch <i>ELMAR project management</i>
Case study: Electric water mobility in Stockholm Region - experiences & visions		
09:05	Region Stockholm 's strategy for CO₂ neutral public transport – and the role of marine e-mobility for achieving this goal <i>Stockholm, which is located on several islands, has the goal to become carbon neutral by 2040. A central element for achieving this goal is to transform the public transport system, in which waterborne transportation plays an important role. Already today, great parts of it operate emission free thanks to procurements with climate requirements. From 2014, first steps to electrify also the waterborne public transport were taken – and further actions are planned for the next years.</i>	Michael Erman <i>Head of the Strategic Planning Group of the Transport Administration of Region Stockholm</i>
	Q & A / discussion	
09:25	Exploring the future of maritime public transport in Stockholm Region: High-speed electric shuttle ships for commuting <i>The activities of Region Stockholm include also pilot projects to explore innovative solutions. One of them is to test high-speed shuttle ships for urban commuting. Those may carry 50-150 pax at long ranges and with up to 30 knots. Being designed as hydrofoils, the vessels create minimum swell – and may become a game changer for public transport in the Stockholm archipelago when coming into commercial operation in 2023.</i>	Tobias Carlsson <i>Strategist in the Strategic Planning Group of the Transport Administration of Region Stockholm</i>
	Q & A / discussion	
09:50	Experiences & lessons learnt from the operation of the electric commuter ferry E/S Sjövägen <i>Since Sept 2014, the electric pax ferry E/S Sjövägen serves the commuter line 80 that includes 10 stops in the inner city of Stockholm. The shipping company Rederi AB Ballerina, which owns and operates the vessel, will report on experiences and lessons learnt from more than 20.000 hours of operation of the 150 pax ferry in the last 7 years.</i>	Gustaf Myrsten <i>CEO of Rederi AB Ballerina</i>
	Q & A / discussion	
10:15	<i>Coffee break</i>	

Time	Topic	Speaker
Innovative solutions for electric urban water transport – a peak into the (near) future		
10:30	Green City Ferries: Zero emission high-speed pax ferries <i>Green City Ferries is a complete electric & hydrogen transport system integrator for high-speed emission-free pax ferries and a pioneer of the segment. The company's journey started with retrofitting the MOVITZ – a conventional pax ship serving a commuter route in Stockholm – with a battery-electric propulsion system. In 2016, the BB Green prototype "AiriEl" was launched, the world's first all-electric high speed pax ferry. From 2022, Green City Ferries will start serial production of the BB Green 24, a light-weight high-speed commuter ferries for 147 passengers that may be equipped either with a battery-electric or hydrogen propulsion system.</i>	Hans Thornell Founder & CEO of Green City Ferries
	Q & A / discussion	
11:10	Zeabuz: Autonomous urban water mobility <i>The company Zeabuz was founded on top of the research community that created the world's first full scale autonomous ferry prototype "milliAmpere". Based on these experiences, the start-up develops an autonomous and fully-electric urban water mobility system, which enables 24/7 on-demand operation and integration with other smart mobility solutions. The pilot, for the creation of which Zeabuz has teamed up with the Norwegian public shipping company Torghatten AS, will be operational in summer 2022.</i>	Erik Dyrkoren CEO & Co-founder of Zeabuz
	Q & A / discussion	
11:50	Summary & farewell	
12:00	End of the online seminar	

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For **registration**, please send an e-mail to mail@ga-ma.de
 Participation in the seminar is free of charge.