PlugBoat 2018
18th & 19th October 2018
Venice, Italy

3rd World Electric & Hybrid Boat Summit
for Coastal & Inland Water Transportation as well as Leisure

plugboat.com
PROGRAM - 18th OCTOBER

08.00  REGISTRATION & WELCOME COFFEE

09.00  OPENING SESSION
Welcome & Worldwide Context
PlugBoat’s Mission and Goals
Frédéric Vergels, Electri-city.mobi, BE

Why Venice?
Tbd

Insights about Electric Propulsion in Italy
tbd

Electric Boats as a Solution to Urban Congestion
Indira Khara, UITP - International Association of Public Transport, BE

European Commission: Legal Framework and Tools
tbd

10.30  COFFEE BREAK

11.00  TECHNOLOGY OVERVIEW
State of the Art, Challenges, Point of View and Vision

Triple Innovation
Hans Thornell, Green City Ferries, NO

Motor boating of the future
Janne Kjellman, Oceanvolt & Q Yachts, UK

Aluminum-air Batteries for Marine Applications
Udi Erell, MatysOnBoard, UK

Easy-to-install High Voltage E-propulsion for Yachts and Smaller Commercial Vessels
Gerhard Hesse, Fischer Panda, DE

Solar Electric Naval Architecture - an Integral Design Approach Showcased by the SoelCat 12
David Czap, Soel Yachts, NL

Electric-Hybrid Hydrofoiled Watertaxi for Venice
Martin Mai, AQUAcon, AT

13.00  LUNCH
11.00  MARKET REVIEW  
Feed-back of Existing Actions, Perspectives for the Future  
Paradigm Shift for Urban Transportation with Electric, Hybrid and Solar Ferries and Watertaxis  
Ivonne Hagena, Torqeedo, DE  
Evaporetto  
Mike Tommasi, 3NERGY, IT  
The Innovative and Versatile “Valentino” Full-electric Boat Class  
Antonino Capillo, University of Rome “La Sapienza”, IT  
Cost-benefit Analysis of a Shore Side Electricity Investment Project  
Gatto Marco, TRT Trasporti e Territorio, IT  
IbizaRespira  
Iñaki Calvo Ponte, Smart Eco Driving, ES

15.40  COFFEE BREAK

16.00  INTRODUCTION SCENARIO  
Best Practices & Lessons Learned, Outlook  
Accelerating Transition to Sustainable Marine Transport with Financial Solutions  
Kanne Ulf, Transport Transformation, CH  
Fuel Cell Solution for Marine Application  
Yane Laperche-Riteau, Ballard Power Systems Europe, FR  
Multi-motor Concept for Watercraft Drivetrain Applications  
Johannes Gerold, FEAAM, DE  
Parallel Hybrid Transmission  
Bart van der Helst, Esco Power, BE
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POSTER SESSIONS

With networking drink

Living Boats Aarhus
Jørn Grønkjær, Living Boats Aarhus, DK

Biocomposite: an Opportunity for more Sustainable Electric Boats
Aline Rogeon, VESO Concept, FR

Solar Electric & Hybrid Living on Water
Martin Mai, AQUAcon, AT

Water Tight Li-Ion Battery Module for Maritime Applications
Oliver Urem, Fiberdraft, AT

Automatisation of Battery Cell Production Based on Laser Welding
Johannes Kaar, Nordfels, AT

GALA DINER

Please note that separate registration is requested to attend the study tour
PROGRAM - 19th OCTOBER

09.00  REGISTRATION & WELCOME COFFEE

09.30  WHAT’S HAPPENING ? WHERE ?
Projects and Ongoing Realisations

Recent Experiences in Modular Offshore Battery Solutions
Willums Jan-Olaf, Zero Emission Marine, NO

Have you Ever Thought about Cutting the Cord? Inductive Charging a Reliable and Powerful Alternative
Steffen Bittler, IPT Technology, DE

Sustainable Public Transportation in Venice
Emanuele Ferro, Alilaguna, IT

Electric Marine Vessels: an Unstoppable Transition?
Gear Luke, IDTechEx, UK

A Report on Plug-in Hybrid Boat Activities in Japan: The Usefulness and the Remarkable CO2 Reduction
Shigeyuki Minami, Osaka City University, JP

French Market Status, Trends and Challenges
Xavier de Montgros, French Association for Electric Boats

11.30  COFFEE BREAK

11.50  DESIGN & ENERGY STORAGE

Using high Efficiency PM Motor to Increase Efficiency in Boat Powertrain
Rambaldi Simone, italianvolt, IT

YeloH2: 75PAX Hydrogen Powered E-boat used for Maritime Public Transportation
Philippe Pallu de La Barriere, Alternative Energies, FR

Volvo Penta Parallel Hybrid Marine Propulsion Concept
Andrea Piccione, Volvo Penta, IT

Technical Multi-drive Hybrid Electric Boat in Venice
Massimo Guarnieri, University of Padua, IT
13.10  LUNCH

14.30  EUROPEAN BOATING INDUSTRY ROUND TABLE ON RECREATIONAL ELECTRIC BOATS
Towards a Greener Blue in Europe - Could E-boats be the Solution?

A Framework of European Legislations Favourable to Electric Boats
Representative from the European Commission, DG Environment

Sail electric
Xavier de Montgros, Association Française du Bateau Electrique, FR
Lighter, with no fuel emission, reduced underwater noise; how electric sea going boats are perfectly suitable for very sensitive marine areas.

Recreational ports of tomorrow
Representative from marina fully equipped with electric plug
Good and best practices from a marina that invested in infrastructure for electric boats.

Discussion Panel with :
Xavier de Montgros, Association Française du Bateau Electrique, FR
Christoph Ballin, Torqeedo, DE
Béranger Laurent, Eco Sailing Project, FR

Moderated by :
Sandrine Devos, European Boating Industry, BE

15.30  CLOSING SESSION
Wrap-up - Strategies for the Future
Feedback from the Different Sessions
Open Debate
What’s Next?
Frédéric Vergels, electri-city.mobi, FR