inno2mare

DRIVING INNOVATION FOR A GREEN, DIGITAL, AND SMART MARITIME ECOSYSTEMS

www.inno2mare.eu

Funded by the European Union

STRENGTHENING THE CAPACITY FOR EXCELLENCE OF SLOVENIAN AND CROATIAN INNOVATION ECOSYSTEMS TO SUPPORT THE DIGITAL AND GREEN TRANSITIONS OF MARITIME REGIONS

Creating synergies in „Blue" sectors - INNO2MARE presented at the Brainstorming Session on Digital Transformation in the Maritime Sector

Representatives of the University of Rijeka (UNIRI) have taken active part in the brainstorming session, focusing on challenges and opportunities related to the integration of advanced digital technologies into maritime operations. The maritime industry experts, stakeholders, and innovators discussed strategies for digital transformation in the maritime sector.
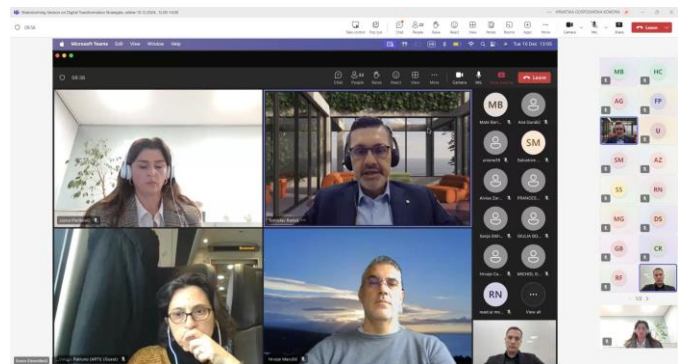
INNO2MARE Young Female Innovation Leader Award

We are happy to announce the first INNO2MARE Young Female Innovation Leader recognition. Do we really believe that "Old saying that a woman on board is bad luck"? Absolutely NO, the INNO2MARE consortium partners not only don't believe this, but to the contrary works actively to counter this deeply rooted belief in maritime industry.

www.inno2mare.eu

INNO2MARE

Young Innovation Leader Recognition

AWARD

to exceptional women professional

dr. sc. Ivana Lučin
University of Rijeka, Faculty of Engineering

for her contribution to the ecosystems' development, promoting eco-friendly solutions in shipbuilding, protect marine ecosystem by promoting the low-carbon transition and use of renewable energies, delivered lectures and promoting the maritime technologies at science popularization program „2023 Rijeka tehnologije" and the 2022 Women in Engineering conference, hosted by the IEEE student branch Rijeka, promoting advancements in sustainable technologies.

Coordinator
Dr. Marko Šimic

UNIVERZA V LJUBLJANI
University of Ljubljana

Funded by the European Union

Publishing of the latest study of Pilot project 2: Digital twin with AI for sustainable and efficient energy management

We're thrilled to announce that our partner DIGITEH/UL has published their latest study in a SCI journal, Algorithms.

The study, titled *"Digital twin with AI for sustainable and efficient energy management"* explores a ground breaking method to improve the energy management of production systems in maritime by using the AI-supported digital twin.
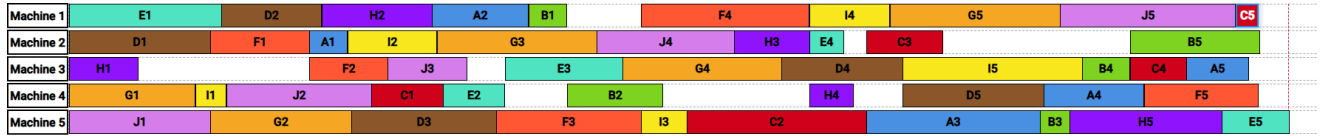
Gantt chart of the best solution for LA01 instance with a make span of 666.

Link to DOI: https://doi.org/10.3390/a17120568

New Study on INNO2MARE Pilot Project 3 published: A Bayesian and Markov Chain Approach to Personal Watercraft Trajectory Forecasting in SCI journal, Journal of The Franklin Institute

We are excited to share the publication of latest study from Inno2mare partner RITEH on Pilot Project 3, where innovative methods for short-term and long-term forecasting of personal watercraft trajectories are explored.

This research presents a Bayesian approach for estimating vessel position, using factors such as heading, speed, time intervals, and offsets of latitude and longitude. Additionally, a Markov chain approach is also introduced to enhance the accuracy of trajectory predictions.

Preprint available : https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5156719

Research and Entrepreneurship: A Successful Blend of Innovation and Business Opportunities

Kranj, January 29, 2025 – The event *"Research and Entrepreneurship: Your Opportunity for a Breakthrough!"* successfully concluded at the Kovacnica venue, bringing together researchers, entrepreneurs, and innovators with the goal of strengthening the collaboration between science and business.

VR engine room simulator presented at the Faculty of Maritime Studies Rijeka

As a part of the "River of Technology" popularization event held at the University of Rijeka, Faculty of Maritime Studies presented their progress on Pilot Project 1.

Inno2mare part of EH Community

With the Inno2mare project, we are proud to be a part of EH community networking, which provides all EU Horizon projects the opportunity to participate in the Widening Impacts Spring 2025 Webinar Series. This series, designed within the SolarHub project, aims to increase the impact of EU Horizon projects by creating a platform where projects can showcase their capacities, activities, and results to a broad and diverse audience of key stakeholders in the EU Horizon program.

The "Kick-off Webinar" was held on January 31, 2025, featuring the presentation of the SolarHub project, coordinated by Dr. Derek Baker, who is also the coordinator of the EH community. Dr. Baker adopted an innovative approach by presenting a portfolio of ExHubs projects. This initiative, focused on Widening Impacts, created a platform for connection, collaboration, and cross-fertilization.

Widening Impacts
Spring 2025 Webinar Series

SolarHub Webinar
1st Announcement

SolarHub's Story
From Idea Conception to
Post-Project Ambitions and Vision

Strengthening Collaboration: Digiteh and UL Visited Iskra BU in Kranj as Part of Inno2Mare

This Wednesday, Iskra welcomed Digiteh and UL, the project coordinator, for a productive working meeting as part of the Inno2Mare project. The session provided a valuable opportunity to focus on Pilot Project 2, particularly the AI Digital Twin learning and data collection.

The EH Community continued with the Widening Impacts Spring 2025 Webinar Series

The Widening Impacts Spring 2025 Webinar Series, initiated by the SolarHub project, continued with its second session on Friday, February 21st, 2025. In this session, the FinEst Centre for Smart Cities, an EU Teaming project aimed at building the world's first global cross-border smart city center of excellence, shared their story with us.

Reset your career, enroll in Bootcamp IT

Are you interested in programming, full of ideas for developing applications, but unsure where to start? Join us for training to become a Junior Developer! **Applications are open until March 16th, 2025.**

Bootcamp IT is an intensive, free, three-month training program designed for those looking to gain experience, practical knowledge, and programming skills—opening doors to employment in the IT sector.

The training runs from April 14th to July 11th and consists of lectures and hands-on exercises in programming. The curriculum includes topics such as Python fundamentals, Python libraries, and a mini project.