

I. PUBLISHABLE EXECUTIVE SUMMARY



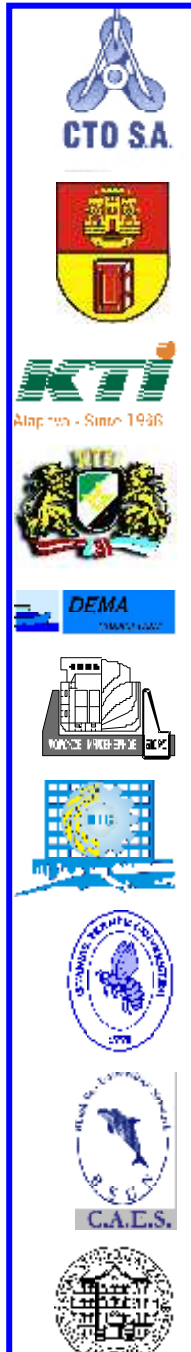
BUILDING BRIDGES BETWEEN EU MEMBER AND CANDIDATE STATES IN MARITIME RESEARCH ON TRANSPORT WITHIN THE FRAMES OF EUROPEAN RESEARCH AREA **EUROMAR - BRIDGES**

EUROMAR-BRIDGES aims to contribute to the improvement of the competitive advantages of the European maritime transport sector, including shipbuilding, by the identification of potential valuable contributions from Candidate Countries, Russia and Turkey in maritime research and joined European initiatives. EUROMAR-BRIDGES has the following general strategic objectives:

- to increase the co-operation and intensify the efforts in Research and Development which are vital to improve competitiveness and technological excellence in maritime field by building the cluster comprised of Candidate Countries, New Member States and Third Countries;
- to identify valuable R&D, SMEs, and other actors with significant and original experience, and stimulate, encourage and facilitate the participation of organizations from the Candidate Countries and New Member States by providing up-to-date information on maritime related European projects;
- to provide the contribution for Integrated and Sustainable Maritime Transport System in Europe by realizing and promoting the idea of European Research Area across the chain of stakeholders at national level;
- to rise the awareness of benefits coming from commonly solving problems related to Sustainable Maritime Transport System - to ensure a sustainable development and security of transport by active participation of organizations from New Member States and Candidate Countries in ERA instruments;
- to integrate and structure the technological and scientific base driving innovation in maritime transport by promoting and encoring SMEs from the mentioned countries which are considered as a driving force behind the sustainable growth.

It should be stressed that the EUROMAR-BRIDGES project is treated as natural element which is focused on helping to jointly use R&D potentials and resources and providing practical support for projects initiation. It promotes a culture of innovation and fertilizes the participation of SMEs in European research. Technically, enhanced exchange of information, technology transfer and research cooperation initiated by the project will help to meet the demands of European transport policy as defined in the White Paper of Transport.

EUROMAR-BRIDGES project is executed by the consortium consisted of the following partners: Centrum Techniki Okrętowej S.A.- Ship Design and Research Centre S.A. (CTO S.A.), **Poland**; Ovidius University of Constantza (OUC-CAES), **Romania**; DEMA Consulting (DEMA), **Slovakia**; Scientific and Technical Unions – Varna (VSTU), **Bulgaria**; Institute for Transport Sciences Ltd. (KTI), **Hungary**; Riga Technical University, Inst. of Materials and Structures (RTU-IMS), **Latvia**; Klaipeda University – Faculty of Marine Technology and the Maritime Institute (KU), **Lithuania**; Istanbul Technical University (ITU), **Turkey**; Institute for High Performance Computing and Information



Systems (IHPCIS), *Russia*; University of Zagreb, Department of Naval Architecture of Faculty of Mechanical Engineering and Naval Architecture (FNA); *Croatia*.

Coordinator contact details:

The project Coordinator organisation name is Ship Design & Research Centre S.A.- Centrum Techniki Okrętowej S.A. (CTO S.A.) **and the Project Coordinator name is** Joanna Wierszyło. The Coordinator contact details are as follows: Tel.: +4858 3074565, e-mail: Joanna.Wierszylo@cto.gda.pl

Considering the overall execution period, i.e. 18 months of EUROMAR-BRIDGES project duration the following executed works should be outlined:

Organisation of Awareness Workshops:

1. 1st Awareness Workshop under general title „*EMEC Towards East Europe - The Marine Equipment Industry and the Shipbuilding Global Challenge: How to Benefit from a European Approach?*” was organized in Gdansk, Poland on 8th of March 2007;
2. 2nd Awareness Workshop under general title “*Building Bridges between EU Member and Candidate States in Maritime Research on Transport*” was organized in Riga, Latvia on 19th of April 2007; visiting the Naval Academy;
3. 3rd Awareness Workshop under general title “*Maritime European Research Area as a Key Accelerator for Joint R&D Activities*” was organized in Tulcea, Romania on 8th of June 2007;
4. 4th Awareness Workshop under general title “*Common R&D Problems Solving at the European Level - Awareness Rising*” was organized in Budapest, Hungary in October 2007;
5. 5th Awareness Workshop under general title “*Participation in European Union Framework Programmes - Advantages & Benefits*” was organized in Varna, Bulgaria on 18th October 2007; visiting the BSHC (Bulgarian Ship Hydromechanics Centre);
6. 6th Awareness Workshop under general title “*Joint Maritime R&D Activities – Benefits from European Approach at the Company Level*” was organized in Klaipeda, Lithuania on 15th of November 2007; visiting the Environment Protection Laboratory.
7. 7th Awareness Workshop under general title “*Opportunities and Possibilities of Participation in European Community Programs – Euromar-Bridges project*” was organized in Zagreb, Croatia on 17th of December 2007
8. 8th Awareness Workshop under general title “*Maritime and Shipping Cluster in the light of Joint Maritime R&D&I Activities*” was organized in Budapest, Hungary on 29th of February 2008
9. 9th Awareness Workshop under general title “*Building Bridges between EU Member, Candidate and Third States in Maritime Research within the frames of European Research Area*” was organized in St. Petersburg, Russia on 18th of April 2008

Organisation of Brokerage Events devoted to specific new project proposals:

1. 1st Brokerage Event devoted to „*Environment Protection in Ship Conversion and Repair Processes*” specific thematic field was organized in Gdansk, Poland; dated 6th of March 2007;
2. 2nd Brokerage Event devoted to “*Modular Waterborne Transport*” specific thematic field was organized in Gdansk, Poland; dated on 14th May 2007;

3. 3rd Brokerage Event devoted to *“The Danube – 7th Pan-European Transport Corridor – a New Challenge for Countries of Central Europe”* specific thematic field was organized in Zilina, Slovakia; dated on 05th February 2008;
4. 4th Brokerage Event devoted to *“Generating of New Ideas about Maritime Technology -2nd FP7 Call”* was organized in Istanbul, Turkey, dated on 04th April 2008;

New project proposals elaboration:

2 project proposals of ENVIPROCON & MOWAT acronyms were elaborated under coordination of CTO S.A. together with other partners and submitted under first call of FP7 as well as 1 project proposal of OPTIMUS acronym was elaborated under coordination of OUC-CAES together with other partners and submitted under second call of FP7.

Web page of EUROMAR-BRIDGES:

The Project home page (<http://www.EUROMAR-BRIDGES.eu>) was developed on the world-wide web for other interested parties to access in order to enhance the communication skills and support as well as for the networking and cooperation at the European and national dimensions.

10 Contact points:

10 Contacts points were established and further developed within the project. The sustainability of the mentioned contact points has been confirmed by signing the letter of intent.

Considering above the overall expected “hard” results such as 9 Awareness objective oriented workshops; 4 specific maritime field oriented brokerage events; 3 new project proposals prepared for FP7, further development of 10 contact points are fulfilled at the end of the EUROMAR-BRIDGES project.

Referring to the short duration of EUROMAR-BRIDGES project which is 18 months, the “soft” expected results concluded as: awareness rising related to the importance of joint R&D activities at the European level measured by statistics of active participation of particular consortium countries; stimulating dissemination and exploitation of the information and best practices taking into consideration the *“proper information – accelerator of the international cooperation”* measured by participation in the number of new project proposals and sustainability of the maritime branch contact points within consortium states; increase of knowledge how to take over the administration and management matters related to the European funded projects. Moreover, the special letter of Intent considering sustainability, future cooperation and impact of the project were commonly elaborated on the basis of the experiences achieved during the execution stage and those letter have been signed appropriately.