



Progress Report

New Events and Activities

It is the MariFuture's year of marine energy efficiency and pollution reduction. To this end, MariFuture is particularly delighted to learn that its MarieEMS proposal has been approved by the EU's Erasmus + and will be funded through the UK National Agency. The project is expected to start in autumn this year and will be completed in 2017. There are 9 partners from 6 European countries:

1. Southampton Solent University, UK - Project Leader
2. C4FF, UK - Technical Coordination
3. UoB (University of Barcelona -German Melo), ES
4. SAMT (University of Satakunta), FI
5. Spinaker, SI
6. TEAM, IT
7. BAU, TR
8. Makro Shipping, TR – Pilot ship
9. Port of Rauma, FI – Pilot port

The project is expected to make a serious impact in reducing energy use on board ships and in ports and will contribute to a significant reduction of marine pollutions and engine emissions. This project proposes the development of an energy management specification primarily for the new role of the Energy Manager specifically for the shipping industry to be have a facility to continually improve its energy management on board their ships with the view to save energy, reduce pollution and to improve the overall quality of energy management in these enterprises. The intention is also to encourage shipping companies to seek ISO 50001 certification. The expectation is to develop a specification for ships to developing tailor-made arrangements for more efficient use of energy on board ships and their interactions with ports in line with the Energy Management System of ISO 50001. This would allow setting targets and objectives, with a requirement to monitor use of energy and to assess how well the proposed arrangements are effective on pilot basis. Maritime is a transnational sector and it is important to bring in partners which have knowledge of ship types, ship propulsion, ship navigation, energy production, electrical and mechanical parts and circuitry, safety issues, national certification, accreditation and validation of learning materials, pedagogical aspects of learning and last but by no means least online application.

Well done to all partners who put great deal of efforts in making the MariEMS a success. Thanks also to Maritime University of Szczecin (MUS) in Poland and the Polish permanent representative at IMO which/who has agreed to support the project and MUS may become the project evaluator. The project is expected to be discussed in Istanbul in Turkey this September when several senior IMO representatives, including the secretary-General and senior members of global maritime organisations will be attending the annual Golden



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Anchor meetings and ceremonies. MariFuture has also been invited to the event who intends to promote the MariEMS project at this prestigious gathering.

Project MariePRO

The next partner meeting and dissemination of MariePRO project is planned in Hungary, 10-11th September 2015. The national reports on MET programmes together with MET programme/syllabus differences, as well as the work on good practices, particularly with regard to ECVET are the key topics for discussion at the Hungarian venue. The fourth and final workshop is planned to take place in Italy in October 2015; more on this in future News.

The partners will also present their three papers during their visit Hungary at the Budapest ECR conference which is to take place in 9-11 September 2015. The titles and authors' names as originally submitted are:

- **Aerovet: The Challenge Of Integrating European Certificates Into The German Dual System In Aeronautics**
Andreas Saniter (Universitaet Bremen), Rainer Bremer (Universitaet Bremen)

National perspective: German with respect to French, English and Spanish

- **MariePRO: The Risk Of Lowering National Standards By Implementing International Standards**
Johanna Vuorenmaa (University of Turku), Riccardo Antola (Istituto Tecnico Trasporti e Logistica Nautico San Giorgio), Daniele Fantechi (Mediterranean Maritime Research and Training Centre), Martin Ziarati (CENTRE FOR FACTORIES OF THE FUTURE LIMITED)

National perspective: Finish, German, Italian, Maltese, English

- **Ecvet: Increasing Mobility Or Fragmenting Holistic Occupations?**
Andreas Saniter (Universität Bremen), Sari Nyroos (University of Turku), Riccardo Antola (Istituto Tecnico Trasporti e Logistica Nautico San Giorgio), Daniele Fantechi (Mediterranean Maritime Research and Training Centre)



Figure 1: Discussions with senior Government officials and industrialists at Malta's MariePRO Seminar in July 2015 (photo 1) and with senior IMO representatives, industrialists and academics at the UK Seminar in March 2015, concerning MET including environmental issues as well as energy management and safety at sea

Project SeaTALK

As report in the July 2015 News the SeaTALK project has been extended to September 2015. The meetings in Malmo Sweden, 15-16 June 2015 provided an opportunity to discuss how the project can be concluded and all its aims achieved. The SeaTALK material collection and development is



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continuing and anyone who wishes to make a contribution can still do so by going to the website (www.seatalk.pro) and submitting his/her material as advised in the video's. All contributions are welcome. The extension of the project has now provided the partners with an opportunity to bring the SeaTALK framework and materials in line with IMO's new Maritime English Model Course due for publication later this month or in August 2015. In parallel, efforts are being put into seeking accreditation from Malta and from IMarEST. Both bodies have been contacted.



Figure 2 Presentations by Prof. Ziarati - General Coordinator of MariFuture and Chair of C4FF & Prof. Linden - the Acting President of IMO-WMU, to IMO and EU representatives at conference which took place at WMU focusing on environmental and maritime communication issues including use of energy & safety at Sea



Figure 3: - Training the Assessors for Maritime Communication - SeaTALK Project Partners from right to left Prof. Capt. Janusz Urias (Poland), Sonya Toncheva Daniela Zlateva (Bulgaria), Sari Nyroos (Finland), Ass. Prof. Clive Cole (IMO-WMU, SE), Dr M. Ziarati (UK), Prof. Dr. R. Ziarati (UK) - Moderator, Alison Nobel (BL), Capt. Serhan Sernikli & Aykut Erdogan (TR)

Project ACTs

The ACTs project group evaluations have now been concluded. The areas for improvement have been identified. The next step is to conclude the scenarios and review all the developed ones so far and ensure the feedback received from the group evaluations are all taken into consideration.

Apart from the MariEMS’s success several new initiatives are being considered by national and European agencies and commercial organisations; these initiatives will safeguard the future of MariFuture in the next few years. Due to confidentiality issues the nature of these initiatives will not be made public for the time being.

A summary of all projects can be found in www.marifuture.org. For further information about MariFuture please refer to the MariFuture website.

Best wishes

Professor Dr Reza Ziarati

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