



## January News 2018

We hope you that you all had a wonderful Christmas and doing well in the New Year.

MariFuture has decided to continue the 'Year of Efficient Ship' in 2018 due to its importance and the importance of making our members and partners aware of the impact of toxic pollution from shipping and means available to us to reduce the level and amount of the emissions from ship to minimum. To this end, we will be continuing our publication of a development paper on the subject ship energy management in the coming months.

### UniBus

The project intends to improve the quality and relevance of higher education through the creation of opportunities for the two worlds of academia and business to come together particularly regionally. The HEIs and VET providers should be centres of excellence in what they teach and to do this they must develop all staff and prepare their students for the world of work. They must work with and support businesses, for which they are preparing the young people as future employees and customers of the businesses' products and services. It has to be realised that the interests which business has in wishing to establish or improve links with academia are different from those of the academia, and may not always be compatible. The educationalists can aspire to be altruistic; business people can only afford to be altruistic when they have made more than enough money for the maintenance and development of their businesses. This is not a moral judgement – it is a pragmatic one. Academia needs the industry to support it in the development of its programmes so that they can identify and respond to the needs of industry and commerce. It needs industry to seek funds to progressively develop its laboratories, and it needs industry to develop its staff members. Industry needs academia to improve the quality of its employees, present and future; it needs academia for technological progress useful to business, and to better the management of its business; it needs academia for the formation of its future customers, and so of demands for its products and services (Ziarati, 2016).

With regard to the horizontal priorities the projects aims to promote open and innovative education, mainly for adult and young people, embedded in the digital era in the cloud environment. The intention is to develop basic and transversal skills such an entrepreneurship and digital skills so that students could support industry in the challenges it is facing, looking at what is already being done well and should therefore be further developed or supported; and what is being done not well enough, or badly, and therefore needs to be changed, stopped, or replaced by something new. It is also to create new things. A depository of student projects and industry's suggestions for projects could help both industry and academia and this is one area which they can build their future collaborations.

The project started in September 2017 and is expected to be concluded in August 2020.



**Figure 1. First UniBus partner meeting – 27th November 2017**

MariFuture has been working on two H2020 proposals with several partners Europe-wide. One of the two approved Eureka projects will start shortly. C4FF supported the visit to the Eureka ITEA 3 event which took place in September 2017 in Berlin, Germany. Several proposals are being considered for further developments.



Figure 2. PO Days 2017 - Pitch sessions

### IAMU 2017

MariFuture presented two papers at the IAMU 2017. The first paper related to Avoiding Collision at Sea – Pareto Analysis and was presented early in the opening day of the conference on 11 October 2017. The second paper, Maritime Ship Efficiency Energy Management was presented on 13<sup>th</sup> conference early in the morning. Both papers were well received. Several participants expressed interest to work with Marifuture partner initiating new proposals. More information on these developments will be given in February 2018 news.



Figure 3. ACTS Plus Conference



**Figure 4. MariEMS Conference**

### **ACTS Plus**

The first partner meeting for this newly approved project took place on 17-19 November 2016 in Istanbul. The second meeting took place on 30-31 March 2017 in Croatia. The third meeting took place in Varna, Bulgaria on 11-12 October 2017 at the same time as the IAMU conference. The ACTS Plus paper prepared by Professor Ziarati and partners was presented at IAMU by Professor Ziarati, Capt. Mohavic (UoR) and Capt. King (SSU) after the keynote speech by the Rector of NVNA.

The new ACTS project, ACTS Plus is based on the Pareto analysis carried out as a part of the recently concluded ACTs project. The Pareto analysis showed that some of the COLREGs rules are more complicated than others and that there are situations where a number of rules apply. The paper argues the importance of continuing the ACTs project both according to the plans for its post-funding period and also by preparing a new proposal for EU funding (ACTS Plus). It is worth pointing out that as a result of the new paper a proposal was prepared by some the partners and submitted to the UK national agency.

This new ACTS project is led by Southampton Solent University (SSU) and coordinated by C4FF. The project started officially on 1<sup>st</sup> October 2016 and is expected to be concluded in March 2019.

The next partner meeting of the project is planned to take place in Mallorca is scheduled for 18th and 19th April 2018.

### **H2020 Proposals**

MariFuture has now been informed that another of the proposals it has been supporting has gone through stage 1 of the evaluation.

### **EUREKA ITEA Projects and New Proposals**

The Eureka project consortia for the successful proposal OPTIMUM has gained approval for the project, and therefore project OPTIMUM has now officially started.



As reported in the November 2016 News BAU with support from C4FF and their industrial partners prepared several ITEA3 proposals. BAU and C4FF seconded Mr. Lakhvir Singh asked to attend the ITEA3 Open Days in Berlin, 11-13<sup>th</sup> September 2017.

**New ITEA Project** - C4FF participated in the ITEA3 event in Berlin in September and became involved with DayTime project jointly with BAU in Turkey. This is a very strong application and is expected to be successful in both round of evaluations. More on this in February 2018 News.

### **MariEMS**

The fifth MariEMS partner meeting took place on 14-15<sup>th</sup> September 2017 in Barcelona, Spain. A paper has also been prepared for presentation at IAMU 2017, 11-13 October 2017, to disseminate the results of the project to that date. MariFuture has been notified that its paper has been accepted for presentation and publication by IAMU.

MariEMS held a presentation during the Maritime exhibition at Rauma Maritime Campus on 4<sup>th</sup> May 2017. The event on being put on Facebook; Shipping companies like Finnlines, OSM, Langh ship etc., as well as Port of Rauma and other ports are expected to participate. Professor German De Melo held the first MariEMS course in July in Barcelona.

The partners of the MariEMS (Maritime Energy Management Training Strategic Partnership) project met in Slovenia in February (8-12<sup>th</sup>) to monitor progress to date and discuss how to continue the project with a view to make sure the proposal as proposed is implemented successfully and on time.

The second meeting of partners of the MariEMS project took place during 7-9 September, 2016 in Rauma, Finland. The partners discussed the latest developments and reviewed the job specification and the specification for the training of ship energy officers developed so far and attended the project's workshop organised by the Finnish partners, Rauma Port and Satakanta University. The project meetings and the seminar were a great success. On behalf of the Project Manager and partners, Professor Dr Reza Ziarati, gave a key note speech, presenting the importance of the project in reducing energy consumption at sea and in ports. He stated that this project is expected to help reduce energy use on board ships and in port contributing to a significant reduction of marine pollutions and engine emissions. This project proposes the development of an energy management job and training specification, as well as an e-learning delivery system for the new role of the Energy Manager which has been created specifically for the shipping industry. The intention of MariEMS is also to encourage shipping companies to seek compliance with the IMO and relevant ISO requirements.

### **MariLANG Project**

The fifth partner meeting of MariLANG will take place in the UK in March 2018.

The fourth partner meeting of MariLANG was held in Slovenia on 23-24 June, 2017.



The MariLANG project intends to develop a Maritime English training programme based on the EU funded SeaTALK learning materials and the EU funded MarTEL assessments, both of which are compliant with the IMO Maritime English Model (3.17). It is worth mentioning that partners from both SeaTALK and MarTEL were involved in the 2015 revision of the IMO Maritime English Model Course through the International Maritime Lecturers Association (IMLA). The funding of MariLANG is very good news as it will complete the process started with MarTEL establishing a Maritime English assessment system, followed by SeaTALK seeking material for it, in conclusion MariLANG will develop an actual training programme for Maritime English which will include the three new categories defined in the revised model course: Electro-Technical Officers, GMDSS radio operators, and Personnel providing direct service to passengers in passenger spaces on passenger ships.

The next meeting of MariLANG is planned for March 2018 in Kenilworth, UK. C4FF will be hosting the event. The 4<sup>th</sup> training sessions is scheduled for June 2018 at SSU, Southampton, UK.

A summary of all the projects can be found in [www.marifuture.org](http://www.marifuture.org). For further information about MariFuture please refer to the MariFuture website.

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