

PERIODIC REPORT

Grant Agreement number: 266111
Project acronym: MARTEC II
Project title: Maritime Technologies II
Funding Scheme: ERA-NET
**Date of latest version of Annex I against
which the assessment will be made:** 07.08.2013

Periodic report: 1st 2nd 3rd x 4th
Period covered: from 01.01.2014 to 31.12.2014
Organisation name: Forschungszentrum JÜLICH GmbH

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Declaration by the scientific representative of the project coordinator

I, as scientific representative of the coordinator of this project and in line with the obligations as stated in Article II.2.3 of the Grant Agreement declare that:

- The attached periodic report represents an accurate description of the work carried out in this project for this reporting period;
- The project (tick as appropriate) ¹:
 - has fully achieved its objectives and technical goals for the period;
 - has achieved most of its objectives and technical goals for the period with relatively minor deviations.
 - has failed to achieve critical objectives and/or is not at all on schedule.
- The public website, if applicable
 - is up to date
 - is not up to date
- To my best knowledge, the financial statements which are being submitted as part of this report are in line with the actual work carried out and are consistent with the report on the resources used for the project (section 3.4) and if applicable with the certificate on financial statement.
- All beneficiaries, in particular non-profit public bodies, secondary and higher education establishments, research organisations and SMEs, have declared to have verified their legal status. Any changes have been reported under section 3.2.3 (Project Management) in accordance with Article II.3.f of the Grant Agreement.

Name of scientific representative of the Coordinator: Dr. Ralf Fiedler and
 Mrs. Filiz Aslan.....

Date:25 / 02 / 2015.....

For most of the projects, the signature of this declaration could be done directly via the IT reporting tool through an adapted IT mechanism.

¹ If either of these boxes below is ticked, the report should reflect these and any remedial actions taken.

3.1 Publishable summary

Duration:	01.01.2011 – 31.12.2014 (48 month)
Budget:	1.999.915 €
Partners:	17 from 15 European countries
Observers:	13 from further 10 European countries
Objectives:	Network of key funding organisations Inclusion of further key funding organisations Information exchange Common calls
Project Website:	http://www.martec-era.net

Project Logo:



The specific objectives of the MARTEC II are:

- To address fragmentation and reduce duplication of research effort on maritime technologies across Europe
- To identify and respond to gaps in research activities
- To create the necessary critical mass in research in certain areas
- To improve the cost-effectiveness of current research programmes
- To develop common standards for the prioritisation, commissioning and evaluation of research proposals and for the subsequent monitoring and evaluation of the research activities
- To improve access to research results across Europe
- To facilitate the establishment of research programmes in Europe wishing to develop research activities in this area
- To contribute to the competitiveness of the European research community in the field of maritime technologies
- To contribute to the competitiveness of the European maritime industry
- To promote international cooperation

The ERA-NET project for “Maritime Technologies II” – called MARTEC II – aims to create an environment of partnership and co-operative activities between Europe’s disparate national maritime research programmes.

The aim of MARTEC is to strengthen the European Research Area in waterborne research by coordinating and developing synergies between national and regional maritime research programmes and policies. The activities included exchange of information and knowledge among national programme owners and programme managers as well as the implementation of distinct joint activities. The network includes representatives from national and regional public authorities competent for public maritime research programmes and support policies.

By 2014, the MARTEC II project had brought together 30 ministries and organisations responsible for funding research in maritime technologies across 25 different European countries. All together these countries represent more than 95 % of the gross tonnage (GT) of shipbuilding output in Europe, which shows that this network already covers the EU key players in maritime technology.

MARTEC II has created and established a common research and funding platform for long-lasting cooperation by deepening and broadening the cooperation of the national funding organisations and by inviting partners from additional new countries to join the platform.

At the moment, different countries handle maritime research in different ways. In fact, some do not even have a specific maritime programme, which means that this important sector may be absorbed into broader areas of research. There are also huge differences in the way research is administered in different European countries. The European sector must maximise the value of research by creating a sustainable R&D strategy that can bring together Europe's key players.

MARTEC II had focused on funding issues and created a network of key funding agencies that improved the way in which maritime technologies research is managed and developed. This network produced a strategy for future research funding, and encouraged the development of transnational programmes of activity able to reflect the needs of the maritime industry.

The main objectives of the third phase of the project were Common Procedures, Coordinated research, Joint activities, and Cooperation and Sustainability issues.

Common procedures, which will survive for a longer time, will be needed. Therefore common procedures (common calls, common evaluation, common monitoring, common reporting and further common procedures) for future cooperation need to be further established in MARTEC II. A handbook for project handling was developed within the first project reporting period. An update has been published with each call.

A project database with more than 400 projects of 2008 and later is available already. MARTEC II has discussed the mapping process and the future of the maritime database.

Cooperation barriers will appear more visible during the lifetime of a call as well as later during the runtime of projects. Therefore several calls have been established in MARTEC II. General calls were carried out as planned. Thematic calls can be handled later in connection with other initiatives (JPI Oceans, WATERBORNE^{TP}). Brokerage events as a new instrument already attracted more applicants. For the future, in order to make a wider dissemination of the MARTEC II calls, this instrument could also be connected to maritime European events.

A basic picture of national policies was documented already. It was too early to start policy discussion with a limited number of participants. Discussions on European marine/maritime policies should be done together with relevant stakeholders. The discussion on strategic issues will be extended especially with other initiatives like JPI Oceans.

Based on findings with other ERA-NETs a best practice model for long-lasting cooperation will be developed. The aim is to reach an indicative commitment of the funding organisations (MoU) to continue the collaboration based on this model after the end of the ERA-NET project. The new co-funding model can be a good opportunity for future MARTEC II calls.

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