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UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

CINMarS

Work Shop 1

Final

National Maritime college of Ireland

Cork

Ireland



Jointly organised by the Cork Institute of Technology

And

University College Cork

Funded by the

European Space Agency

TABLE OF CONTENTS

Executive Summary

1. Back ground
2. Methods
3. Objectives
4. Results
5. Recommendations
6. No Information gathered
7. Thanks

Annexes

1. A1 Workshop Programme
2. A2 List of Participants
3. A3 Photos of workshop sheets

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Executive Summary:

This workshop was carried out with relevant stakeholders to inform and gather relevant information for the WP110, WP120 and WP210. The work shop took place in the National Maritime College of Ireland involving targeted invited personnel in the space/maritime sectors. The workshop was part of the maritime space innovation days held in the NMCI in conjunction with the REMCAP project.

Background.

The CINMarS project intends to identify mechanisms to underpin a strategy for developing stronger links and collaboration between the space and maritime sectors.
Using this strategy as a road map to explore benefits in the form of an improved understanding of requirements, potential for joint working and innovation to support and enhance employment and economic opportunities.

This workshop was held to inform the development of deliverables due under 4 work packages:

- Work package 110 – characterising maritime clusters, and identifying which clusters and networks are optimally suited to introduce space-maritime innovation activities,
- Work package 120 – Analysing current space-based activities which may be of interest to the maritime sector, and characterise how ESA and non-ESA innovation activities can animate cross-innovation in these areas,
- Work package 130 - scoping priority areas for joint innovation between the maritime and space sectors.
- Work package 210 – identifying and characterising innovation support and harnessing mechanisms in both the space and maritime sectors.

Delivered under Work Package 130, the workshop gathered information on the four subject areas, and served to refine the stakeholder interviewing which was also occurring around the time of the workshop.

Objectives.

To gather information on:

- Different approaches to fostering and harnessing innovative thinking
- Barriers which impede this
- Cluster impacts on innovation in the maritime sector.
- Cluster activities which foster/harness innovation.
- Cluster activities which could inhibit innovation
- Opportunities/areas in the space-maritime domain.
- Factors/measures which should foster space-maritime sector linkages.
- Factors/measures which should harness the potential of space-maritime sector linkages.
- Networks of clusters of relevance to action spurring these space-maritime links.
- Supports people/companies are accessing
- Awareness of available supports
- Satisfaction/dissatisfaction with available supports
- Additional supports folks need
- Critical elements of supports which affect efficacy, and utility

Methods.

Three stakeholder consultation sessions were held over the course of day 1 of the workshop. These sessions focused on the areas of:

- Drivers and barriers to fostering and harnessing maritime innovation
- Space-Maritime links – ways and means to harness their potential
- Industry and collaborative potential – Enabling companies, SME's and individuals

Consultations were implemented using participatory Group Facilitation Methods developed by the staff of the Institute of Cultural Affairs (ICA) and more commonly known as Technology of Participation (ToP)®. The University College Cork (CMRC-UCC) staff deployed on this exercise have been trained in this methodology through the UCC Staff Training programme. Further information on ToP® can be found at www.ica-usa.org .

Following the consultation, day 2 of the workshop focused on the CINMarS project partners themselves extracting the information from the workshop data, and distilling notes and responses into points of information (perceptions) and points of recommendations.

The project partners would also like to take this opportunity to thank the contributing users consulted, for their input, enthusiasm, and enlightening contributions over the course of the workshop. Your input has allowed us to greatly enhance the scope and detail of the work package deliverables which are in development.

Results.

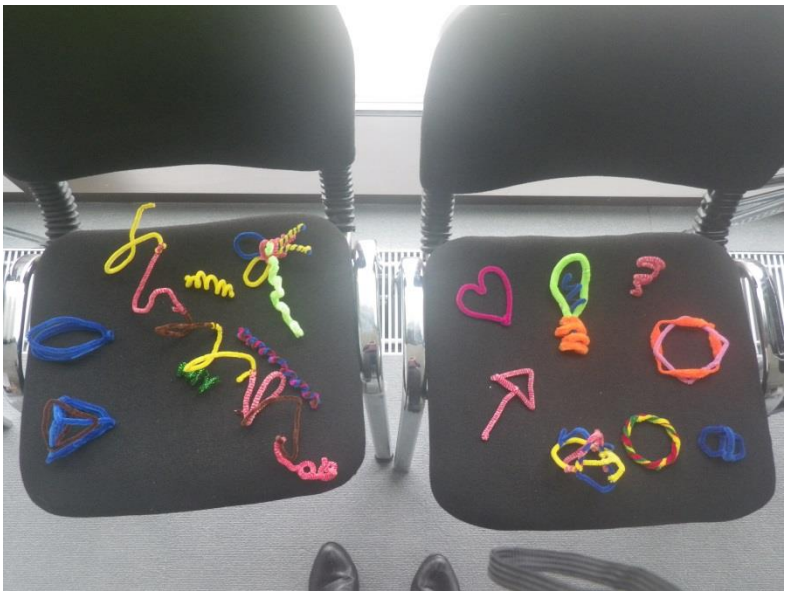
This section contains a series of information points which contain notes, and recommendations, gathered over the course of the consultation. These information points feed directly into the different deliverable reports due from CINMarS. For access to the detailed notes, please contact the workshop organisers. The overview points are provided here as a sample of the information gathered.

Over the course of the discussions, information was gathered on the following aspects of the Space-Maritime innovation ecosystem:

- Factors which promote cooperation between companies;
- Different approaches for fostering innovations;
- Barriers for innovation;
- Cluster impact on innovation;
- Cluster activities which foster innovation;
- Cluster activities which harness innovation;
- Negative aspects of getting involved in the space sector;
- Opportunities / areas for space-maritime innovation;
- Opportunities for S-M joint innovation in the offshore renewable energy (wind, wave, tidal);
- Range of stakeholders who should be approached as the consultation expands;
- Range of supports companies/individuals have accessed;
- Nature of supports companies/individuals have accessed;
- Positive impressions about the supports (or lack of);
- Negative impressions about the supports (or lack of);
- Perception/confidence in ESA programmes;
- Range of companies involved in EU Programmes;
- Opportunities / areas for space-maritime innovation;
- Factors/measures which should foster innovation in the M-S sector;
- Factors/measures which should harness innovation in the M-S sector;
- Factors which promote cooperation between companies;
- Different approaches for fostering innovations;
- Barriers for innovation;
- Cluster impact on innovation;
- Cluster activities which foster innovation;
- Cluster activities which harness innovation;
- Positive aspects of getting involved in the space sector;
- Opportunities / areas for space-maritime innovation.

Thank you

We would like to acknowledge the efforts of the attendees from the different sectors that took part in the CINMarS workshop in Cork, who contributed willingly their time and knowledge, which is contained within this report.



Annex 1 – workshop Programme

CINMarS Workshop

Identifying opportunities and barriers for innovation in the Maritime-Space Domain

Thursday September 24th, 2015

National Maritime College of Ireland
& University College Cork

Time	Agenda
09:00 - 10:00	Registration & Coffee
10:00 - 10:45	Keynote: *Oceans of opportunity - Food for thought* iMERC
10:45 - 11:15	Drivers and barriers to fostering and harnessing maritime innovation • Approaches to capitalising on innovative thinking • The role of clusters • Activities which foster/inhibit harnessing innovation
11:15 - 11:30	Coffee
11:30 - 12:00	Keynote: *European Space Agency capacities - Now and into the Future* ESA
12:00 - 13:00	Space-Maritime links - ways and means to harness their potential • Opportunities in the space-maritime domain • Measures to foster/harness linkages • Who needs to act?
13:00 - 14:00	Lunch & Network
14:00 - 14:30	Keynote: *Mandac Ltd. - The SME experience of accessing supports* Mandac Ltd.
14:30 - 15:30	Industry and collaborative potential - Enabling companies, SME's and individuals. • Awareness of, and engagement with, currently available help & supports • What is working, and what is not working? • Identification of additional supports you need as individuals and SMEs?
15:30 - 16:00	Coffee
16:00 - 16:30	Wrap-up & thank you - end of CINMarS stakeholder workshop

Annex 2 - List & Contact details for attendees.

Please contact the workshop organisers to discuss access to this information

Annex 3 – Workshop Sheet Records

Please contact the workshop organisers to discuss access to this information