



KIMERAA

KNOWLEDGE TRANSFER TO IMPROVE MARINE ECONOMY
IN REGIONS FROM THE ATLANTIC AREA

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MARITIME CLUSTERS: INNOVATION ACTORS & INSTITUTIONS IN THE ATLANTIC AREA

KIMERAA Transnational Event

CARDIFF, WALES
17th March 2011, 14h30
Cardiff University
Bute Lecture Theatre,
room 1.40



BOOK OF ABSTRACTS



ATLANTIC AREA Transnational Programme
ESPAÇO ATLÂNTICO Programa Transnacional
ESPACE ATLANTIQUE Programme Transnational
ESPAÇO ATLÂNTICO Programa Transnacional



INNOVATION NETWORKS
REDES DE INOVAÇÃO
RÉSEAUX D'INNOVATION
REDES DE INOVAÇÃO



European Union
European Regional
Development Fund



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AGENDA

14h15 OPENING SESSION

Phil Cooke, CASS, University of Cardiff, Maritime Clusters and Knowledge Transfer: An Overview of the Atlantic Area

14h45 Workshop “Traditional Knowledge in the Atlantic Area to support Marine Science”

Estibaliz Hernandez, Mondragon Innovation & Knowledge, Storytelling as a Tool to Manage Tacit Knowledge from Fisherman in the Marine Sector

Cristina Ortega López, University of Huelva, The Importance of the Sea in the Littoral Localities' Economy. The concrete case of the relation between Atlantic Ocean & Huelva

Hugo Pinto, Ana Rita Cruz and Pedro Pintassilgo, University of Algarve, Structuring a Sea Cluster in the Algarve: Contributions from the Innovation Actors Interviews

16h15 Signature of ENKTAA Declaration of Intention

16h30 Coffee-Break

17h00 Workshop “Marine Research to Increase the Competitiveness of the Atlantic Regional Economy”

Julie Porter, CASS, Cardiff University, The Future of Marine Energy in Wales: Networks, Industry & the S.E.A.

Sónia Pereira and Jorge Minguens, UPIN – University of Porto, University of Porto approach to marine sciences and technologies: the OceanScan case

Ana Rita Cruz and Hugo Pinto, University of Algarve, A Tool to Support Overcoming the Gap between Invention and Innovation: The Rationale behind the Creation of KIMERAA's Catalogue of Competencies and Services

18h15 ORIENTED DEBATE AND CLOSING SESSION

Phil Cooke, CASS, University of Cardiff and Flávio Martins, University of Algarve, Structuring the Sea Cluster in Atlantic Area Regions: Concluding Remarks from KIMERAA's Workshop

Maritime Clusters and Knowledge Transfer: An Overview of the Atlantic Area

Philip COOKE

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Abstract:

This presentation will focus on two policy areas. The first of these concerns the widespread, but relatively understudied, phenomenon of maritime clusters with growth potential. In the project, these cover, for example, marine energy clusters, algae development clusters, and maritime services clusters. The second broad area in the presentation concerns maritime clusters that are socioeconomically significant. These have a more diverse range of activities and include clusters such as coastal tourism. The activities include: beach-focused, water-based tourism, walking, cultural activities, cuisine and seaborne transportation. Examples, based on data collected in late 2010 by the KIMERAA partnership, are discussed from all partner regions in the Atlantic Area.

Keywords:

Atlantic Area, Knowledge Transfer, Maritime Cluster

Storytelling as a Tool to Manage Tacit Knowledge from Fisherman in the Marine Sector

Estibaliz HERNANDEZ

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Abstract:

Storytelling is not other thing that the use of narratives as a tool to share tacit knowledge. Storytelling combines techniques to involve, to compromise and to inspire people using a more authentic knowledge, powerful to transmit the meaning of concepts without committing the error of defining them.

Most of the experience in the marine sector during centuries is mainly kept in each of the individuals working in the sector, such as fishermen. The best practice to capture tacit knowledge from people is the master-apprentice figure. Unfortunately, this type of practice involves a huge amount of resources. In this moment is where the narratives or storytelling technique makes sense. We can have people with key and relevant knowledge from the marine sector sharing, socializing and creating knowledge within a reasonable cost/benefit ratio, and this way avoiding the risk of escaping knowledge of the sector.

Keywords:

Marine knowledge, narratives, innovation

The Importance of the Sea in the Littoral Localities' Economy. The concrete case of the relation between Atlantic Ocean & Huelva.

Cristina ORTEGA LÓPEZ

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Abstract:

Relating to the main aim of the KIMERAA project- *Knowledge transfer to Improve Marine Economy in Regions of the Atlantic Area*, the University of Huelva has made an intensive research in relation to the marine economy in the Province, a littoral region with more than 120 km of coast, to find the most important economical activities in relation to the sea. We pretend to contribute to the progress of the regional economy in a region in the Atlantic Area, transferring the knowledge, apart from finding innovation actors to create linkages between firms and scientific communities, focusing in marine sciences in scientific and technological networks.

We have to stress that we have found that the economy in Huelva is extremely connected to the sea through the different marine clusters: fishing, coastal tourism, seaports, shipping, shipbuilding, canned and salted fish industry, fish farms, research, education, industry, marinas, maritime sports, salt mines...

Keywords:

Economy, Littoral, Sea

Structuring a Sea Cluster in the Algarve: Contributions from the Innovation Actors Interviews

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Abstract:

The coastal tradition in the Algarve, the most important Portuguese tourism destination, is well known. The region has based its economic activities in maritime and marine resources, since ancient times. Presently, besides coastal tourism, fisheries, aquaculture and even new cutting-edge activities linked with the economic valorisation of marine sciences have an important weight in the region. This presentation shows the efforts undertaken by the regional authority [CCDR Algarve] to stimulate a regional Sea Cluster. Based on the results of the KIMERAA's regional analysis, it also summarizes crucial points of view from relevant stakeholders on the creation of a regional Sea Cluster, in which coastal tourism and marine sciences have pivotal roles.

Keywords:

Algarve, Cluster, Coastal Tourism, Marine Sciences

The Future of Marine Energy in Wales: Networks, Industry & the S.E.A.

Julie PORTER
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Abstract:

The SMEs in the emerging marine energy cluster in West Wales, facilitated by Marine Energy Pembrokeshire, have the potential to make a large contribution to the economy of the region and the wider UK. The catalyst to transition the marine energy SMEs from research to application is funding from the MNCs that are also located in the region. However, the involvement of industry is linked to the findings from the Strategic Environmental Assessment (S.E.A.) that are due shortly. Using data acquired through the KIMERAA project, this presentation aims to highlight the current state of the marine energy cluster in West Wales; the obstacles that it faces; and its future growth. To fully understand the impact of 'future growth', examples from the more advanced marine energy cluster in Scotland will be used for comparison.

Keywords:

Marine energy, networks, environment impact

University of Porto approach to marine sciences and technologies: the OceanScan case

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Abstract:

The presentation will aim at presenting University of Porto contribution to the development of the sea knowledge and economy in the Northern region of Portugal and the specific case of OceanScan, a successful start-up company operating in the sea sector. On the one hand, the investment on a marine sciences and technologies campus, a project involving high quality facilities to host advanced studies in marine Science & Technology, R&D groups, a business incubator and a business park specialized in marine technologies and commercialization. On the other hand, the OceanScan start-up company case will be presented as a good example of a spin-off that reached high level expertise on underwater systems and technologies and that is involved in several marine sciences projects. This cluster associate start-up collaborates closely with several entities inside and outside the marine cluster, such as research centres, incubation facilities, industry, the navy, etc. We intend to show how the academic entrepreneurial endeavours foster regional development and how the creation of links between the academy and other actors in the marine area reinforce regional collaboration, innovation and competitiveness.

Keywords:

Entrepreneurship, Marine sciences and technologies, Sea knowledge

A Tool to Support Overcoming the Gap between Invention and Innovation: The Rationale behind the Creation of KIMERAA's Catalogue of Competencies and Services

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Abstract:

The innovation paradox in European Union is a problem underlined in several analysis that regards the problem of good scientific research reaching the market in the form of valuable goods and services. In the Sea Cluster this problem is particularly active due to the prominence of traditional sectors that characterize several branches of this cluster. This communication sets the rationale behind the creation of KIMERAA's Catalogue of Competencies and Services, a online tool that is expected to provide access to different types of information regarding Sea Cluster economic activities and supporting the reducing of the gap between companies and research organizations. The online tool is going to be presented and its main functionalities are going to be underlined.

Keywords:

Algarve, Cluster, Coastal Tourism, Marine Sciences

List of Confirmed KIMERAA Participants

Aitor Urzelai, Mondragon Innovation and Knowledge

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Jorge Miguens, University of Porto

Josune Prieto, Mondragon Innovation and Knowledge

Julie Porter, Cardiff University

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Pedro Pintasilgo, University of Algarve

Phil Cooke, Cardiff University

Sónia Pereira, University of Porto

Uwe Pischel, University of Huelva