

The Advisory Sessions

MARIBE investigates cooperation opportunities for companies within the four key BG sectors in order to develop these companies and their sectors and to promote the multi-use of space in the offshore economy. We are hosting an Advisory Session to develop a number of the most promising Blue Growth business concepts. We are working with companies developing their business plans and preparing their concepts for future commercialisation. The results of this work will be presented in Advisory Sessions to which we would like to extend you an invitation.

Opportunities & benefits

- ⇒ Access to detailed information on the latest Blue Growth activities in your sector.
- ⇒ Exposure for your organisation to a wide range of Blue Growth stakeholders including members of the European Commission.
- ⇒ Direct access to the latest technologies in Multi-Use Platform and Multi-Use of Space project developments.
- ⇒ Networking opportunities within your own field of expertise as well as in a wider Blue Growth & Blue Economy environment.

Your role in the Advisory sessions

As an expert in your field we would like to have the opportunity to get you involved in this process and be part of an expert panel of financial advisors, investors, business consultants, policy advisors, European Commission members and trade associations in the Blue Growth and Blue Economy arena.

Any travel expenses incurred as result of your participation will be fully covered by MARIBE - details on expenses covered, travel arrangements and meeting venues will be provided in due course.

Purpose & objectives

The main purpose of the MARIBE Advisory Session is to work with companies to develop tailored plans for the development of new business structures (in the form of a partnership, joint venture investment etc.) that strengthen inter-sectorial cooperation and multi-use of space in the offshore economy. The main objectives of the Advisory Sessions are:

- Discussion of the most appropriate business structure to facilitate inter-sectorial cooperation between the parties involved.
- Review of the financials/business plans & other document produced prior to this session regarding the business concept.
- Review of the risk assessment developed identifying the technical & non-technical barriers.
- Discussion on next steps for development of the project.

www.maribe.eu

About MARIBE

MARIBE is a Horizon2020 project that aims to unlock the potential of multi-use of space in the offshore economy (also referred to as the Blue Economy). This forms part of the long-term Blue Growth (BG) strategy to support sustainable growth in the marine and maritime sectors as a whole; something which is at the heart of the Integrated Maritime Policy, the EU Innovation Union, and the Europe 2020 strategy for smart, sustainable growth.



BLUE GROWTH

Blue Growth is the long term strategy to support sustainable growth within the Blue Economy incorporating life-cycle assessment. It encompasses technologies that have high growth and job potential and by their nature they are early stage and novel.

BLUE GROWTH

Blue Growth is the long term strategy to support sustainable growth in the marine and maritime sectors as a whole.

Blue Growth Sectors

Marine Renewable Energy |
Aquaculture | Marine
Biotechnology | Seabed Mining

BLUE ECONOMY

The Blue Economy incorporates technologies that are mature or post-mature stage such as oil & gas, coastal-tourism, shipping and fishing.

The Advisory Sessions logistics

There will be a four day event scheduled and you would be welcome to one or more days *(subject to numbers)*.

Brussels | 13, 14, 15 & 16 June 2016 : A four -day event in which companies pitch their project concepts. You will be required to review a short summary of each project in advance of this event and to offer feedback and advice based on that summary as well as the pitch presented on the day. Networking events will be held each evening. *(note: you would be requested to attend at least one full day session)*

Who's going to be there & why?

- Company representatives presenting their project concept. *(more details of concepts on next page)*
- An advisory panel made up of: investment brokers, financial advisors, investors, trade body representatives, business consultants, policy representatives and European Commission members
- Members of the MARIBE consortium with specific expertise in the area of business modelling, the socio-economic context of the sectors involved as well as the technical and non-technical barriers.

What is going to be reviewed, discussed and presented?

- Technical specifications and costs | Business plans | Risk assessment | Financial Excels prepared for each of the project concepts.
- Reports containing valuable information on socio-economic context, technical and non-technical barriers and investment and business model guidance for involved sectors.

Draft Agenda Advisory Sessions – Brussels June—Each day will run from 09:30-17:00

This is a template agenda to set out the structure per day – a tailored agenda will be provided to meet the specific needs of the companies involved.

The agenda for each project pitch will have:

- I. Introductions
- II. 30 minute pitch to present project concept
- III. 30 minute round table discussion
- IV. 30 minute closed MARIBE discussion

Each project pitch will consist of:

- I. Overview of Technical specifications
- II. Financial overview
- III. Business Plans outline
- IV. Discussion of risk assessment register
- V. Implementation plan strategy

Dinner & networking in the evenings

For an overview of all the project concepts including a short technical description see the next page.





MARIBE Project concepts overview

MARIBE investigates cooperation opportunities for companies within the four key BG sectors in order to develop these companies and their sectors and to promote the multi-use of space in the offshore economy.

Below is a sample of the projects that will be showcased during the MARIBE advisory sessions. As the scope of these projects is currently being finalised, these descriptions are subject to change and more details will be provided in due course



Wave & Aquaculture

-  **Wave Dragon, Seaweed Energy Solutions and BELLONA** are working together on a combined Wave & Aquaculture project in the **North Sea**. Wave Dragon is a floating overtopping device that can provide power and storage facilities for the aquaculture company. By situating an offshore aquaculture farm in close proximity to the Wave Dragon device, the aquaculture farm will benefit from a dampened sea climate whilst enjoying the benefits of an offshore environment. This is particularly beneficial in the North Sea where aquaculture companies are being forced offshore due to space restrictions.
-  **Albatern** is working with **AquaBioTech** as an aquaculture consultancy company representing a potential client to develop a project in the **Mediterranean Basin**, off the coast of Malta. As energy costs are high in Malta, this project investigates the potential of wave energy technology for providing power to an aquaculture farm. The potential for exporting power to the Maltese grid will also be considered.


Shipping & Aquaculture

-  **Grand Port Maritime de Guyane** is developing a fixed offshore shipping platform which will support an aquaculture farm. This floating platform will be located in **French Guiana** and will act as a container hub. The platform will be autonomous and will aim to process fish which will be grown in surrounding aquaculture farms. The shipping terminal also has future plans for large scale expansion into dry docks as well as oil & gas services.
-  **Float Inc.** is developing a large offshore floating platform, modular in design with multiple applications for the mouth of the Baltic Sea. The offshore shipping terminal will be the prime application. Other applications for this Multi-Use Platform are electricity generation and supply for the platform using on-board wind turbines and wave energy machines. The terminal will also house an LNG supply and redistribution capacity.


Offshore Wind & Wave

-  MARIBE is working with members of the **MERMAID** consortium (an FP7-funded Oceans of Tomorrow project) to develop a floating offshore wind and wave concept developed within their project. The consortium is linking with industrial partners to bring this concept to pilot phase.
-  **J J Campbells** engineering firm is working with the **Centre for Renewable Energy** in Dundalk IT to develop an integrated floating wind and wave platform. By combining Wave with Wind, the aim is to complement energy extraction from the resource where wave and wind are not correlated in time.

Offshore Wind & Oil & Gas

-  **Statoil** is currently investigating the potential for a floating offshore wind farm to supply the energy requirements of an offshore floating oil and gas platform building on the experience gained by the **Hywind** project. The project will explore the export potential of the offshore wind farm to the grid therefore demonstrating the ability to combine two established technologies in Multi-Use of Space configuration saving on resources and supplying multiple product offerings for export: oil, gas and electricity.

Offshore Wind & Desalination

-  Freshwater and energy are two inseparable and essential commodities and their scarcity is a major problem that needs to be efficiently solved. Desalinated water requires significant amounts of energy, usually supplied by fossil fuels. **Ecwindwater** is currently exploring desalinated water production powered by a wind turbine combined in a floating Multi-Use Platform. The intended Tier 1 market includes small unconnected islands such as in the Mediterranean expanding globally to countries with water borders that face extremely high levels of water stress as underground aquifers are depleted and where water management is becoming increasingly costly.

Please let us know if you would like to attend and your availability to participate in the Advisory Session in Brussels in June by sending us an e-mail at: maribe@ucc.ie

or by calling
+ 353 21 486 4371.

Please confirm by: **4 March 2016**

Contact details

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