

From sailing to co-sailing

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€10.000 4helix+
Innovation
Voucher

Blue Growth
Innovation
Creative
Co-Sailing
Sailing Club
Social sharing

Business Yacht Club (BYC) is a sailing club in Barcelona with an own fleet of sailing boats. The customers can book boats and share activities in a boat-sharing business model. To improve the actual model and to create a co-sailing environment it is needed an innovation to re-model their system. The expected result of the project is the development of a software that will integrate different functionalities. The web app will enhance innovation and connectivity in the services that BYC offers. The improvements are based in three milestones: empowering and integrating the booking system, favour connectivity, social

sharing and access to geo-localization and increasing the boat sharing which will reduce the environmental impact. In short-term, the expected results, among others, are the reduction the environmental impact by using less boats/engines/gasoline for more people and the customers will have a simpler way to book and manage their activities. Also, the immediate communications and tracking of boats and customers access control will innovate completely this service passing from an offline methodology to an online platform.

COMPANY

Business Yacht Club Barcelona

Business Yacht Club Barcelona is more than a sailing club

Barcelona, Spain

<https://www.business-yachtclub.com/>

KNOWLEDGE PROVIDER

Bajo el cocotero - Guillem Lorman

Cabrera de Mar, Spain

<http://bajoelcocotero.com/es/>

**BUSINESS
YACHT
CLUB**
BARCELONA

bajo el
COCOTERO
creative studio



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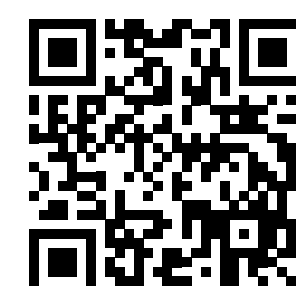


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4helix+



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Project co-financed by the European Regional Development Fund

Sea in 360°: Climb aboard with Barcelona's last fisherman

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Blue Growth
Innovation
Creative
Fisherman
360experience
Fishing

The idea presented by Cap a Mar is to create a 360° video immersing the consumer in the complete experience of a day fishing on the Catalan coast on one of their vessels proposed product. A 360° video, which shows the daily experience of being a fisherman or woman, and part of the last vestige of primary sector in the city of Barcelona, from 4am until 5pm. The experience will be completed by visiting the dock, receiving the boats following the fishing trip, speaking with the fisherman and captain, observing the fish auction, and learning how the nets are handly made. Moreover, this video will complete the

adventure prior to tasting fresh fish at a KM 0 restaurant, and the option to buy fish at the market and cook it. This project will offer the opportunity to Cap a mar to offer a new and unique experience to a huge market in Barcelona and other docks. The main objectives of the project are to improve the visibility and recognition of the fisherman and the fishing world in the Mediterranean and in the city of Barcelona. And, by using brand new technology, to allow more people to develop an understand the fishing world.

COMPANY

Cap a Mar

Cap a mar: Authentic marine experience guided by fishermen from La Barceloneta

Barcelona, Spain

<https://capamarbcn.com/>

KNOWLEDGE PROVIDER

3D Research

Rende, Italy

<http://www.3dresearch.it/it/>

CAP ➤ MAR



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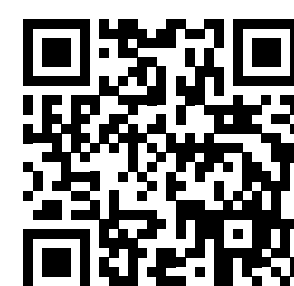


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MAXPROFR, a fire-retardant and eco-friendly solution for boat protection during refitting

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Innovation
Voucher

Blue Growth
Innovation
Creative
Refitting
Fire-retardant
Ecofriendly

The aim of the proposed project is to improve the currently marketed product of Daevi, a company based in the Barcelona metropolitan area. Daevi is a manufacturer of masking films, protective clothing, technical tapes, abrasives, polish, car/boat covers and temporary protection products. These products have to be adapted to the current legislation, specifically by introducing flame retardant capabilities and making them more environmentally-friendly in line with the current and future demands of the circular and sustainable economy. The main objective of the proposed project is the technical improvement

of the current products. This will be carried out on the one hand by introducing the fire retardant capabilities, and on the other hand, reaching biodegradability or recyclability materials, especially in the product line of boat deck protection for boat refit works. Additional requirements of this deck protection are anti-slip, waterproof, break and shock resistant, easy to handle, to cut and to remove after use. Currently, this solution is well established in the market, but the need of increasing the overall quality and performance of the product has driven Daevi to start this research.

COMPANY

DAEVI

Manufacturers from 1991 of masking films and protective clothing

Montornés del Vallés

<https://www.daevi.net>

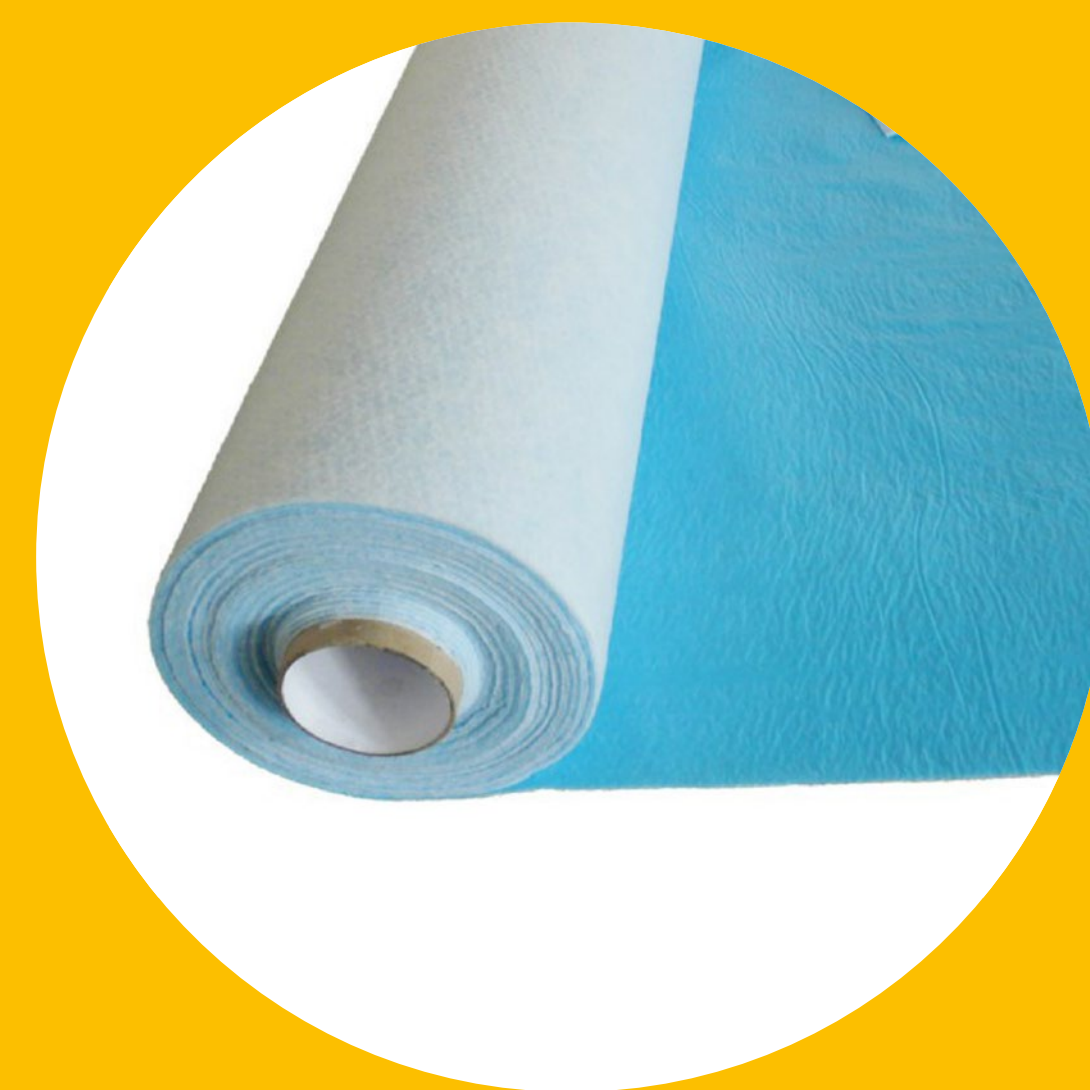
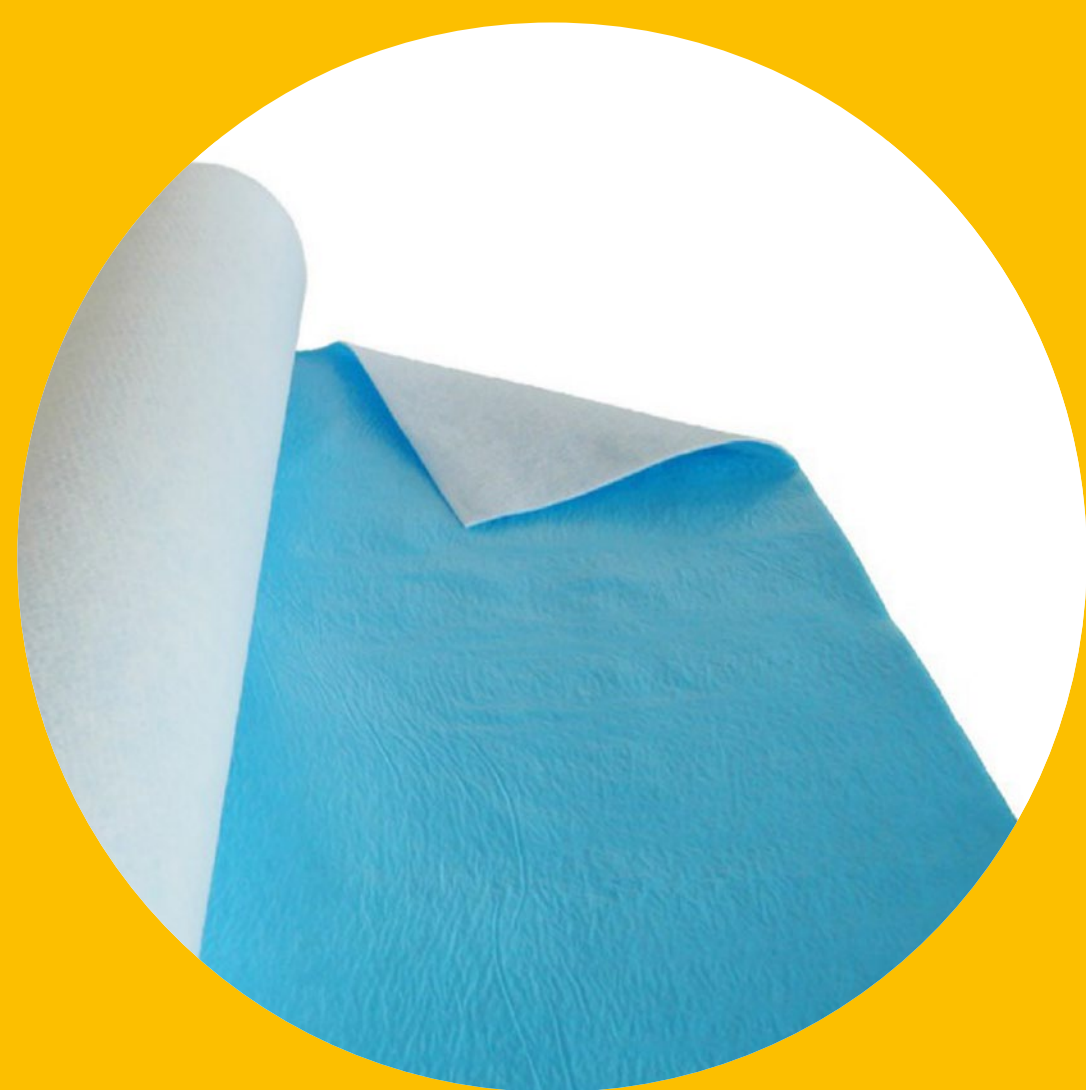


KNOWLEDGE PROVIDER

Universitat Politècnica de Catalunya

Terrassa, Spain

<https://www.upc.edu/>



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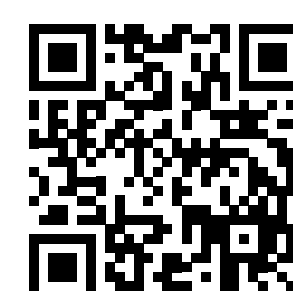


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Delta Sail

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Innovation
Voucher

Blue Growth
Innovation
Creative
Sailing activities
Water sports
Technological platform

Delta Sail is launching a technological platform that will allow sailors around the world to use water sport equipment from sailing clubs in multiple locations. The project consists in developing a new web app that will facilitate the process of renting the equipment. It is worth to highlight that the web app will be accessible both from the desktop and mobile, and in the future will be connect with the sailing clubs CRMs to have an up to date list of material available. The development of this project will allow Delta Sail to acquire users interested in the model,

and to gather sailing clubs in one place. The innovative business model will likely increase the interest and awareness of water sports for those nautical enthusiasts who are not yet members of any club or who are and want to access to more than one club. It is also a window for sailing clubs to reach out more users and offer their activities and events to a broader group. With this project, Delta Sail pretends to become a reference in the nautical sector through the technology used in the development and constant improvement of the platform.

COMPANY

Delta Sail

A boat-sharing platform which facilitates access to different sail clubs over the coast

Barcelona, Spain

<https://www.deltasail.com/>

KNOWLEDGE PROVIDER

MOLIVI

Athens, Greece

<https://www.molivi.gr/>



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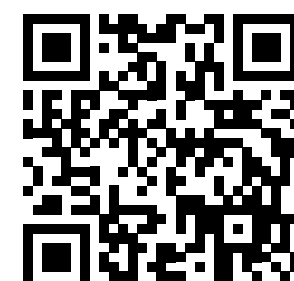


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HIDROALA

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Innovation
Voucher

Blue Growth
Innovation
Creative
Hydrofoil
Surfing
Technology & Surf

Hidroala project is the principle of the knowledge base to mass produce products related to windsurfing, kite surfing and surfing worldwide. The objective envisaged in the first phase is to provide research and development of methodologies and processes to carry out the first solution product to transport hydrofoil in different sports. The project is born to provide the market with an innovative part or section of the assembly that

forms the hydrofoil and provide it with features that alone can be disassembled without the help of tools, and folding for an easy transportation. Within the first phase, it is generated the need to adapt better and faster to technological progress and the current competitive and globalized world, which requires a continuous challenge for company's professionals.

COMPANY

Q-star serveis costers integrats

Having the sea as a milestone, Q-Star is specialised in analysing and managing the quality of beaches

Badalona, Spain

<http://q-star.es/>

KNOWLEDGE PROVIDER

ACID Studio

Banyoles, Spain

<http://www.acid-studio.com/>



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Seastainable Ventures

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Innovation
Voucher

Blue Growth
Innovation
Creative
Artificial reef
Bluelife
Marine reserve

Seastainable Ventures combines science and technology with the natural capital of our oceans, generating impact investment opportunities and enhancing restoration and protection. For this specific case, Seastainable ventures will focus on a Bluelife project, which is a disruptive model of marine reserves. The main objective of the project is to maintain and strengthen biodiversity; protect and preserve the environment in a sustainable, economic and environmental way. In broad terms, the project is based on the recovery and improvement of Natural capital. Both companies will design an artificial reef based on a modular system made of

porous concrete components. The idea of the modularity stems from the need to either add components (in order to increase the reef's size) or to remove components without affecting the rest of the system. The design will allow fishes to move through the reef and not only around. A form inspired by geometry of corals and thus able to create the necessary environment for growth of the habitat. Moreover, the reef will be equipped with a ctd system and sensors that will facilitate the data collection and analyse the state of the seabed.

COMPANY

Seastainable Ventures

Seastainable Ventures develops, accelerates and manages new and innovative projects to help society to transition towards the Blue Economy

Badalona, Spain

<https://www.seastainableventures.com/>

KNOWLEDGE PROVIDER

Fab Lab Ioannina

Ioannina, Greece

<https://www.fablabs.io/labs/fablabioannina>

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VENTURES



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