

Call: EMFF-BlueEconomy-2018. Type of Action: EMFF-AG



Demonstration of intensive shellfish farming in **OPEN**
waters with resilient and affordable **MODuLEs**

Grant Agreement nº 863562

Coordinator: Research & Development Concretes

D6.2 – Project Website



With the contribution of the European Maritime and Fisheries Fund of the European Union

Deliverable Title	Project Website
Deliverable No.	6.2
Related WP	6. Communication, dissemination and Exploitation
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Contributing participants	-
Author(s)	Cristina Maestre, Esteban Camacho
Checked and approved by	Esteban Camacho
Status	FINAL
Description in the GA	Creation and continuous update of the public project website, including descriptions, news, links to social networks, the site with real time data of each pilot sensors and cameras, and a download area. Website, electronic. Language: English, Spanish

Version History

Version	Status	Date	Contribution (Partner)	Summary of changes
V0.1	Draft	15 th , January 2020	Cristina Maestre (RDC)	Website finished
V1.0	Final	30 th , January 2020	Esteban Camacho (RDC)	Final Version

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Executive summary

This deliverable shows the website created for the OpenMode project and hosted at the site www.open-mode.eu. The goal of the website is to communicate the project and disseminate the public results to the stakeholders, maximizing the impact of the action. In this project, the relevance of this communication tool is threefold: 1) Monitor quantitatively the progress of the KPIs of the project and the milestones. 2) Host the open material for the participatory learning of the farmers foreseen in WP5. 3) Host the public output of the sensors installed in the monitoring of the WP3.

The website will be continuously updated to include the last public results and communication activities.

This deliverable details the structure of the project and describes its sections. More information about the Communication strategy can be found in Deliverable 6.1 (Communication and Dissemination Plan, M2).

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1. Scope of the document

This deliverable shows the website created for the OpenMode project and hosted at the site www.open-mode.eu. The goal of the website is to communicate the project and disseminate the public results to the stakeholders, maximizing the impact of the action. In this project, the relevance of this communication tool is threefold: 1) Monitor quantitatively the progress of the KPIs of the project and the milestones. 2) Host the open material for the participatory learning of for the farmers foreseen in WP5. 3) Host the public output of the sensors installed in the monitoring of the WP3.

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2. Name of the website

The website domain (www.open-mode.eu) is based on the acronym of the EMFF project funded by the Call Blue Economy 2018 (*Demonstration of intensive shellfish farming in OPEN waters with resilient and affordable MODuLEs*, OpenMode). The name is separated with a hyphen (dash) because the website www.openmode.eu was not available. It was then considered that the two separate words could help to understand the real mission of this project (float modules in open waters).

The web domain is .eu because the funds of the Blue Economy Call 2018 are provided by the European Maritime and Fisheries Fund (EMFF).

3. Wireframe and structure of the website

The URL of the website is www.open-mode.eu and is available online since December 2019. The website is hosted, maintained, and upgraded by the coordinator, RESEARCH AND DEVELOPMENT CONCRETES, which is also the leader of the WP6 (Communication, Dissemination and Exploitation).

The wireframe (visual guide that represents the skeletal framework of a website) of the web in the moment of launching this deliverable (January 2020) is shown at figure 1. All the sections of the wireframe are briefly described in the next point. The scheme can vary during the project development to improve or correct the initial design.

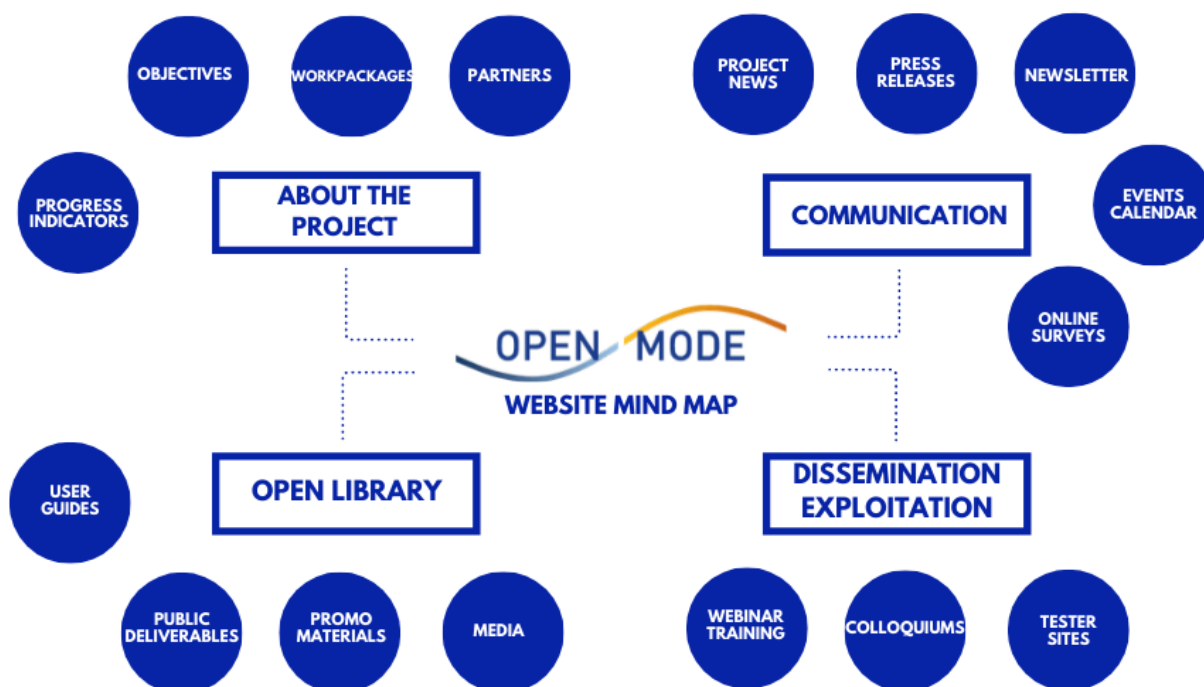


Figure 1. Wireframe of the website of the OpenMode project (January 2020, M3)

Google Analytics is inserted on the website to measure the visits, as one of the KPI's of the project (In11) is to obtain 5.000 visits before the end of the project.

A brief description of each website section is given below.

3.1. Home

In this section is provided a summary of the OpenMode project, the news, below the progress of the Milestones and KPIs. In the bottom part the main contact and the logo are shown, including the text that fulfills the visibility conditions detailed in the Article 22 of the Grant Agreement (ARTICLE 22 — PROMOTING THE ACTION — VISIBILITY OF EU FUNDING). The text included is: "OpenMode-863562. With the contribution of the European Maritime and Fisheries Fund of the European Union". Figure 2 shows a figure with the reference.

The website is, according to the stated in the Grant Agreement, in two languages (English and Spanish). There is a link to follow the project in Twitter ([@OpenMode_EU](https://twitter.com/OpenMode_EU)) and a LinkedIn Group (<https://www.linkedin.com/groups/13785299/>). A link will be also available for the YouTube channel list, where the videos of the trainings and webinars will be uploaded: <https://www.youtube.com/playlist?list=PLuNIVbk2cCoTEqzVvhFhqUHT3FSeE-Hhq>.

OPEN-MODE - Demonstration of intensive shellfish farming in OPEN waters with resilient and affordable MODULES


subscribe our newsletter English Spanish (spanish)

OPEN-MODE HOME THE PROJECT TESTERS DISSEMINATION COMMUNICATION DOWNLOADS LINKS

3 EU-Basins


MEDITERRANEAN BASIN | NORTH SEA BASIN | ATLANTIC BASIN

5 testers located in 5 european countries



DEMONSTRATION OF INTENSIVE SHELLFISH FARMING IN OPEN WATERS WITH RESILIENT AND AFFORDABLE MODULES

NEWS



THE AQUACULTURE PORTAL MIS PECES PUBLISHES AN ARTICLE ABOUT THE OPENMODE PROJECT

Press - 12/22/2019

The article was published on December 20th, 2019 in the Aquaculture Portal Mis Peces with the title: "La Ingeniería RDC lidera un proyecto europeo para desarrollar el cultivo de mariscos en aguas abiertas"

[Read more](#)

5TH DECEMBER 2019: OPENMODE QUICK-OFF MEETING

Meetings - 12/02/2019

Kick-off meeting for projects selected under the Call for Proposals: Sustainable Blue Economy EASME/EMFF/2018/1.2.1.7

[Read more](#)


OpenMode Project [Follow](#) 5 13

OpenMode Project Retweeted to

@RDConcretes @rdconcretes · 1d Dec

Kick-off meeting - Blue Economy call 2018 | EASME <http://bit.ly/38JLapR> | EU Commission

Our new challenge: @OpenMode_EU project <http://bit.ly/38JpDOA>




[Twitter](#)

OpenMode Project Retweeted to

Kristel Jurado @kjurado7 · 5 Dec

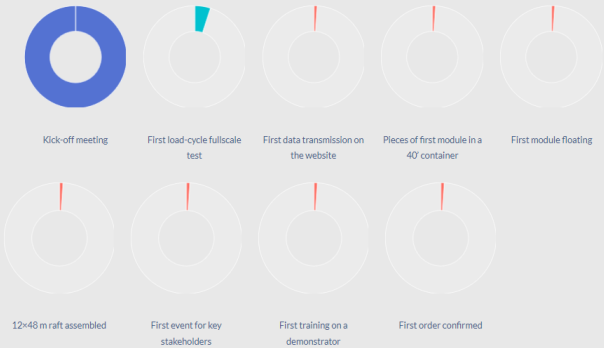
The kick-off meeting for the projects under the #BlueEconomy Call 2018 just started with a warm welcome from @Guernsey_EU. The REASME REAFF looks forward to hearing more on all the projects. @EU_MARE @EU_EASME



[Twitter](#)

PROJECT PROGRESS


MILESTONES




Milestone	Progress
Kick-off meeting	100%
First load-cycle fullscale test	25%
First data transmission on the website	10%
Pieces of first module in a 40' container	10%
First module floating	10%
12x48 m raft assembled	10%
First event for key stakeholders	10%
First training on a demonstrator	10%
First order confirmed	10%

KPIS

- In1: Test modular floating platforms (TRL3) with a 33% higher load carrying capacity than the current state of the technology and maintaining the production costs per m2. KP1=100 kg/m2 1%
- In2: Integrate in a module a continuous remote measurement system to control 14 parameters (4 of water, 3 of swell, 4 of strains in beams and ropes and 3 of weather). Now RDC is controlling in its UHC floating platforms 4 parameters in remote. KP2=14 (+250%). 1%
- In3: Float in open waters 8 modular platforms (140 m2 each) to demonstrate the capacities of the new designs during at least 12 months and in five different locations in the Atlantic, Mediterranean and North Sea Basins. KP3=8 modules floated. 1%
- In4: Assemble and use successfully on the water 4 aligned modules, forming a 48-m length side. At this moment, the maximum length of a side in floating platforms reached by the company is 27 m. KP4=48 m (+77.8%). 1%
- In5: Reach a design of a 12 x 12 m modular floating platform that reduces a 27% the sum of the transportation and assembling costs, which sum approximately 44 €/m2 for the current platforms (20 x 27 m) for the average transportation distance (950 km). KP5=32 €/m2 (-27%). 1%
- In6: 1 patent/utility model for the design of the connections. KP6=1 patent. 1%
- In7: 140 m2 of demonstrator of a floating photovoltaic structure in Malta in open waters. KP7=140 m2. 1%
- In8: Besides the jobs created in the beneficiary companies to implement the project, it is expected that the demonstrators create 10 fulltime equivalent jobs (2 per aquaculture demonstrator). As their lifespan is longer than the project period, they will continue working their business on them after the project. KP8=10 FTE. 1%




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PARTNERS



RDC
Coordinator



PREFFOR
PREFABRICADOS FORMEX

CONTACT INFO

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Subscribe our newsletter





  

Figure 2: Different screenshots of the Home section

From the Home and from the other pages of the project, there is a link (up, in the right part) for the subscription to the Newsletter committed in the project. In the footer can be read that the project is fulfilling the required Privacy Policy.



* Please, first read our new [privacy policy](#).

Email Address

First Name

Last Name

Company

Consent

☐ I have read and I accept the privacy policy

Consent

Research & Development Concretes S.L. will use the information you provide on this form to send you non-commercial communications by email. Please let us your consent if you would like to hear from us:

☐ I agree with the privacy policy. I want to receive the Newsletter by email.

You can change your mind at any time by clicking the unsubscribe link in the footer of any email

Figure 3: Subscription form for the Newsletter of the project Open-Mode

3.2. The project

This section describes the project context, objectives, partners and Work Packages. A GANTT diagram is shown to explain the time that will be required to reach 100% of the specific objectives of the project.

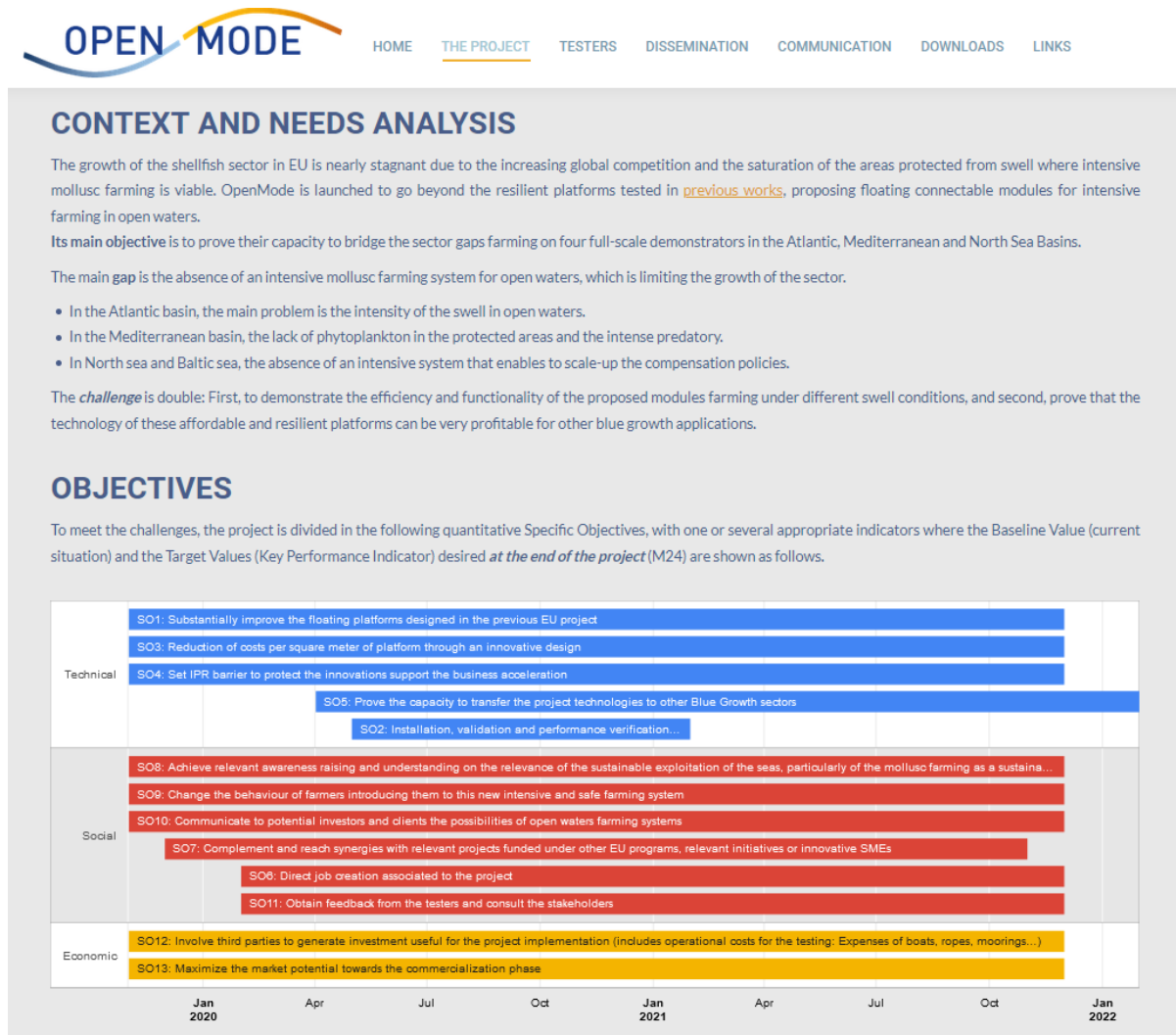


Figure 4: Screenshot of the upper part of the section "The Project"

3.3. Testers

This section describes the location of each of the 5 testers (eight modules). It is possible to click on them to obtain more detailed information. For each of the testers a hashtag has been defined, so the testers can refer to them and this information will directly appear on the website.

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OPEN MODE

HOME THE PROJECT **TESTERS** DISSEMINATION COMMUNICATION DOWNLOADS LINKS

TESTERS

Regions + Testers +

REGIONS

OpenMode will focus on these four regions for carrying out its activities: the Atlantic basin, the Mediterranean Sea, the North Sea and the Baltic Sea regions.

- In the Atlantic basin, the main problem is the intensity of the swell in open waters.
- In the Mediterranean basin, the lack of phytoplankton in the protected areas and the intense predatory.
- In North sea and Baltic sea, the absence of an intensive system that enables to scale-up the compensation policies.

TESTERS

[Tweet #OpenModeTester1](#)

Atlantic basin

Modules 1, 2, 3 and 4

Spain

Sensors

Camera

[Read more](#)

[Tweet #OpenModeTester2](#)

North Sea

Module number 5

Denmark

Camera

[Read more](#)

[Tweet #OpenModeTester3](#)

Mediterranean basin

Module number 6

Croatia

Camera

[Tweet #OpenModeTester4](#)

Mediterranean basin

Module number 7

Montenegro

[Read more](#)

[Tweet #OpenModeTester5](#)

Mediterranean basin

Module number 8

Malta

Figure 5: Screenshot of the upper part of the section “Testers”

3.4. Dissemination

This section includes the public results that will be disseminated during the project. It will be updated with the progress of the project Tasks. These resources are foreseen under Task 6.2 and include, among others, the User Guide or Technical reports that the partners may produce during the implementation.

OPEN MODE

HOME THE PROJECT TESTERS COMMUNICATION **DISSEMINATION** DOWNLOADS LINKS

DISSEMINATION

TRAININGS AND WEBINARS

The trainings on the modules will be oriented to shellfish farmers, but also to students, young entrepreneurs or enthusiasts of aquaculture, as sharing a module is an affordable option for them to harvest their own seafood or to start a micro-business. Having trainings from each sea basin, this will facilitate the exchange of experiences and good practices across them. Exact dates will be confirmed as they become available.

Upcoming courses

WEBINARS

Each training courses will be recorded to get content for the webinars (online trainings) and later published on the OpenMode website.

COLLOQUIUMS

Three student-oriented colloquiums will be organized to disseminate with the cooperation of the Universities involved in the OpenMode project. Students, researchers and other related EU projects will be invited to participate in these sessions.

Proposed topics are:

- The possibilities of advanced materials for blue growth development
- New technologies for shellfish farming
- Intensive shellfish farming to combat eutrophication

DOCUMENTS

Do you want to know how to optimally farm with the modules?

UHC rafts User guide

SCHEDULE

Upcoming colloquiums

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Figure 6: Screenshot of the “Dissemination” section of the project

3.5. Communication

This section includes the activities foreseen under Task 6.1. (Communication Activities), and it will be completed with the implementation of the project tasks. As an example, the Newsletters, the connection with the cameras of the demonstration sites, or the information of the events organized in different locations will be available from this section.

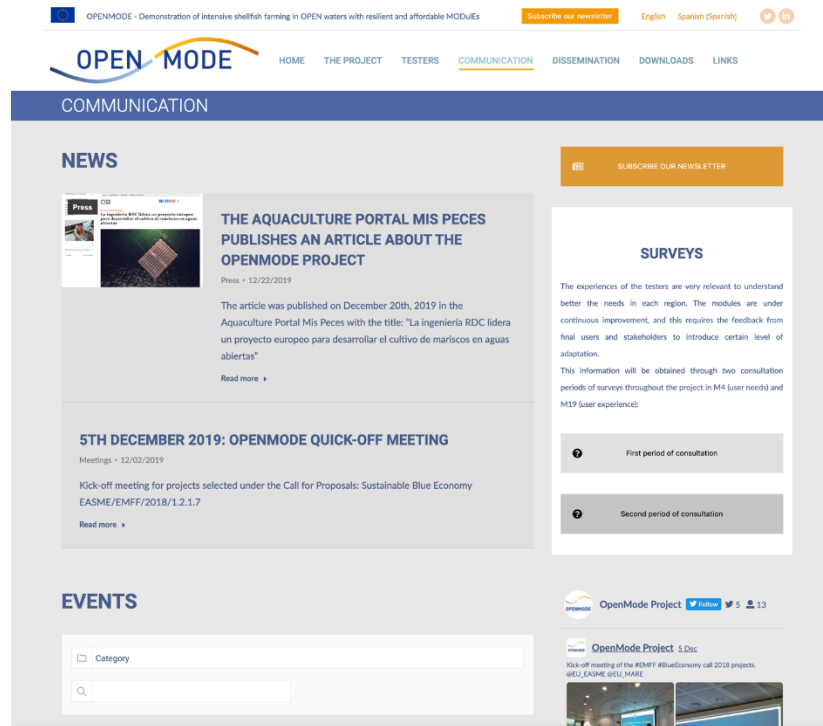


Figure 7: Screenshot of the “Communication” section of the project

3.6. Downloads

This section includes all the public documents that will be generated during the project (Public Deliverables, brochures, Guides...etc). It will be completed with the progress of the project tasks.

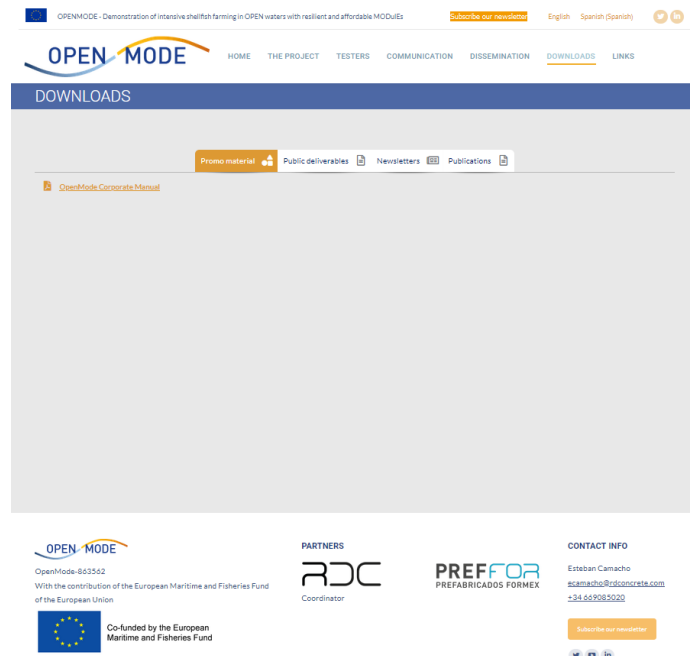


Figure 8: Screenshot of the “Downloads” section of the project

3.7. Links

This section includes the main links related with the project. It can be divided in three parts:

1. The previous projects where the OpenMode partners have developed a platform related with the modules.
2. Other projects related with the thematic of the OpenMode project.
3. Links to the rest of projects funded under the same Call of the OpenMode project (Blue Economy 2018).

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OPEN MODE HOME THE PROJECT TESTERS DISSEMINATION COMMUNICATION DOWNLOADS **LINKS**

RELATED PROJECTS

Previous projects Related projects

PREVIOUS PROJECTS

Selmus

Horizon 2020 Programme

SELMUS-738777 H2020 | SME INSTRUMENT: SUPPORTING SMES EFFORTS FOR THE DEVELOPMENT

In 2015 RDC designed a precast raft made of UHC, an innovative material that provides higher durability (>30 years) under aggressive exposure environments. The structure has the same area and elements than the traditional raft (20x27 m). The first prototype was precast in 2016 for the Technology Center AZTI. An intensive work was carried in laboratory and testing prototypes. The continuous monitoring systems (Integrated Sensor Network) and cameras are proving the resiliency of the rafts, which are already demanded by the Galician farmers because they have proven to minimize the operating expenses.

RESHEALIENCE

Ultra High Durability Concrete

RESHEALIENCE-760824 (NM8P)

Since 2018 and under the H2020 project ReSHEALIENCE-760824 (www.uhdc.eu) an intense work is being developed to estimate the real durability of structures in XS and XA aggressive environments. A TRL7 540 m2 UHC raft will be floated in Valencia with continuous monitoring including a continuous measurement of the strain in the beams. Some of them are designed to suffer micro-cracking under service to evaluate the level of self-healing reached with different concrete mixtures.

RELATED PROJECTS

SMARTINCS

SELF-HEALING • MULTIFUNCTIONAL • ADVANCED REPAIR TECHNOLOGIES IN CEMENTITIOUS SYSTEMS

SMARTINCS will implement new life-cycle thinking and durability-based approaches to the concept and design of concrete structures, with self-healing concrete, repair mortars and grouts as key enabling technologies. This will create a breakthrough in the current practice of the construction industry, which is characterized by huge economic costs related to inspection, maintenance, repair and eventually demolition activities and additional indirect costs caused by traffic congestions during maintenance and environmental effects. www.smartincs.eu

EMFF-03-2018 BLUE ECONOMY CALL: INVESTING IN INNOVATION PROJECTS

CORAL4HEALTH: Sustainably produced Marine Coral for Innovative Applications in Bio-medicine for Human Health	MUSSELPRO: Demonstration of an IoT 4.0 mussel processing system for an advanced seafood canning industry	SEASTAR: Real time monitoring and Surveillance of Aquaculture farms with networks of underwater sensors
DOCC-OFF: Digitalization Of Critical Components in Offshore wind turbines	VesselsLife.com: Holistic Life Cycle Analysis (LCA) Platform for the Shipping Industry	T4BS: Tourism 4.0 for the Black Sea
SMART-HATCHERY: Smart Feeding Systems for Hatcheries	Aspring wingsails: Aspiring wingsails for the fishing and maritime transport sectors	FreShER: Floating Solar Energy mooring - Innovative mooring solutions for floating solar energy
SIMBIOSE: Sustainable Innovation in la Martinique - BIOfouling Solution for clean Energy	STARFISH 4.0: Demonstration of an autonomous connected device and digital tools for safety of artisanal fishermen and sustainable management of small-scale fisheries	

Figure 9: Screenshot of the "Links" section

4. Conclusions and future upgrades

This deliverable shows the structure of the OpenMode website and its current state. The design of the website has been done to attract potential collaborators, maximize the impact of the achievements and facilitate the access to the resources of the farmers involved.

At this moment the volume of information is necessarily limited because the project started only few weeks ago, but the site will be continuously updated, upgraded, completed, and improved all along the 24 months of the project development.

The website www.open-mode.eu will be promoted in social networks, symposia, brochures, fairs, activities, and other webpages.