# Interreg

EUROPEAN UNION

# North-West Europe

# Ocean DEMO

European Regional Development Fund

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# Ocean Demo 3rd Call Process

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*Ocean DEMO Access Coordinator*

Interreg North-West Europe
Ocean DEMO
European Regional Development Fund

# The Ocean DEMO project has 3 main aims:

- Prove investability with investors by demonstrating and de-risking the most promising OE generating technologies in multi-device farm configuration.
- Develop an active supply chain that invests in dedicated OE sub-systems and components.
- Create a supportive policy environment for OE by providing governments with confidence in OE and highlighting OE's economic benefits.

# Outputs

- Operation of 2 OE deployments in multi-device farm configuration in NWE connected to the European electricity grid.

- Advance 15 cross cutting low carbon technologies to near to commercial readiness.

- Supportive policy environment for OE in at least 3 member states in NWE.

# Topics

- Call timeline
- Application procedure
- Test site access providers
- Overview of support package
- Criteria for evaluation
- Application Form

# 3rd Call Timeline

The 3rd call for the Ocean DEMO programme is currently open.

**The deadline for receipt of applications is 17:00 UTC on the 18th September 2020**

Preference will be given to technology developers with readiness level for deployment in late 2020 or early 2021.

The planned deployment needs to be before June 2022

# Application procedure

1. Applicants to contact access coordinator for general information and guidance on selecting a test site if required.
2. Applicants to familiarise themselves with the preferred test site and hold preliminary discussion in regards to a support package for testing and validation.
3. Applicants to fill out application form.
4. The completed and signed application form should be sent to call@oceandemo.eu
5. The User Selection Board will evaluate application and if successful;
6. Support package will be recommended and access contract signed with test site.

# Test site access providers

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Details on call available on: http://oceandemo.eu/

1. **Application form**
2. **3rd Call info text**
3. **3rd Call terms & conditions**

**Queries:**

**Access Coordinator:**
Mairéad Elliott, SmartBay Ireland
mairead.elliott@smartbay.ie
GMIT iHUB Centre, Dublin Road, H91 DCH9, Ireland
Ph: +353 (0)91 394258

| Test Site | Access Provider Contact Details |
| --- | --- |
| SmartBay Ireland<br>http://smartbay.ie/ | Mairéad Elliott – Access Coordinator<br>mairead.elliott@smartbay.ie<br>Ph. +353 91 394258 |
| EMEC<br>http://www.emec.org.uk/ | Lisa Fitzpatrick – Project Leader<br>lisa.Fitzpatrick@emec.org.uk<br>Ph. +44 1856 852246 |
| Ocean Energy Europe<br>https://www.oceanenergy-europe.eu/ | Victor Kempf – Media Enquiries<br>v.kempf@oceanenergyeurope.eu<br>Ph. +32 2400 1042 |
| SEMREV<br>http://www.semrev.fr/en/ | Florent Jubé – Ocean DEMO Project Coordinator<br>Florent.jube@ec-nantes.fr<br>Ph. +33 24037 1545 |
| DMEC<br>https://www.dutchmarineenergy.com/ | Justin den Hartog<br>justin@dutchmarineenergy.com<br>Benjamin Lehner- Ocean DEMO Project Coordinator<br>benjamin@dutchmarineenergy.com<br>Ph. +31 65089 5090 |

# Overview of Support Package

Definition: Formal support instrument provided by Ocean DEMO to the User that includes a subsidised period of Access to a Test Site and relevant services.

A support package can cover the test or validation of low carbon technology.

Interreg NWE covers up to 60% of support package, the remaining 40% of costs to be covered by the developer.

State Aid rules and thresholds need to be observed in the support package and due diligence will be undertaken with each recipient to ensure this prior to the Access Contract being signed.

# Criteria for Evaluation

| Criteria | Weight |
|---|---|
| Readiness for deployment | 30 |
| Feasibility | 30 |
| Schedule | 15 |
| Co-financing strategy | 15 |
| Impact | 10 |

# Criteria for Evaluation

## Readiness for deployment

In this 3rd call the User Selection Board will be looking at technologies that are already at testing and validation stage and ideally ready to deploy this year or early next year.

The planned deployment needs to be before June 2022.

# Criteria for Evaluation

## Feasibility

The user selection board will evaluate the technology readiness level the technology is at and whether the planned testing or validation is suitable for the test site that is being applied for.

# Criteria for Evaluation

## Schedule

The User Selection Board will evaluate the proposed schedule that should incorporate the full timeline from final product development to transport through to decommissioning and how can this be supported by the test site

# Criteria for Evaluation

## Co-financing Strategy

The Ocean Demo project support will cover in most cases up to 60% of the testing and validation costs of a technology, the remaining finance will have to be sourced by the developer and a financial plan developed.

The preferred test site can provide further details on how the support package may be set up upon being contacted.

# Criteria for Evaluation

## Impact

The focus of the Ocean DEMO programme is to assist enterprises in the test and demonstration of low carbon energy technologies and the progression to commercialisation.
The impact of the project will be measured against:

- No. of new or enhanced transnational clusters or innovation networks
- No. of technologies, products, services and processes developed and tested in real life conditions
- No. of enterprises co-operating with research institutions
- No. of enterprises supported to introduce new to the market products
- Additional capacity of renewable energy production

# Application Form

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## APPLICATION FORM FOR Ocean DEMO

*(max. 10 pages long; include any supporting documentation as an attachment to this form*
*Refer to* **Rules and Conditions** *for definitions of terms)*

**Project acronym**

**Project title** (*max 255 characters including spaces*)

**Applicant details**

**Family name:**
**First name:**
**Gender:**
**Nationality:**
**Phone:**
**Email:**

**Institution name:**
**Institution acronym:**
**Position in Institution:**
**Institution type** (*e.g., SME, MNC, Research, Higher Education, …*)**:**
**Institution postal address:**
**Institution country:**
**Institution web address:**

**Test site for which you are applying for access**

**1st Choice:**
**2nd Choice:**
**3rd Choice:**

**Is this your first application to Ocean DEMO?**
☐No ☐Yes
**If No, please give details** (*max 200 words*)**:**

**Eligibility**

**If your Institution is not established in the country of the test site listed as your 1st choice, or in the NWE region, you may need a subsidiary or branch; do you require assistance to set this up?**
☐No ☐Yes
**If Yes, please give details** (*max 200 words*)**:**

**Please confirm that you are willing to disseminate findings from your project and to give due publicity to Interreg funds received** (*please see* Rules and Conditions *for details*)
☐No ☐Yes
**If No, please give details** (*max 200 words*)**:**

**Please confirm that the Institution you work for is in good financial standings, have sufficient liquidity to carry out the work proposed, is financially autonomous and is solvent** (*proof may be required at a later stage*)
☐No ☐Yes



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**If No, please give details** (*max 200 words*)**:**

**Please confirm that the Institution you work for is willing to engage in an access contract if selected for funding, which may imply becoming sub-partner of an Interreg NWE project** (*please see Rules and Conditions for details, or contact the Access Coordinator*)
☐No ☐Yes
**If No, please give details** (*max 200 words*)**:**

**Please confirm you have discussed the project with your 1st choice test site** (*please see Rules and Conditions for details*)
☐No ☐Yes
**If Yes, please give a brief summary of any relevant outcome of that discussion** (*max 200 words*)**:**

**Project details**

**Description** (*max one page, including images*)
**Provide a description of the proposed test or validation**

**List of objectives** (*max half page*)
**Concise list of the objectives to be achieved, (please order the list by priority, taking into account the time required to achieve each objective)**

**Schedule**
**Requested number of units of access to the test site** (*No. of months on site in the water*)

**Suggested start date of access**

**Provide details of your testing plan, including any major timing constraints, please provide a Gantt chart and/or other visuals to illustrate your plan** (*e.g., times when you will be unable to test within the testing period requested*)

**Specific requirements** (*max one page; list and short description of special technical requirements, vessel type, ideal period of testing, …*)

**Current status and risks**
**What is the current TRL of your device?**

**What are the major risks your plan presents in terms of delays, if any?**

**Are you able to provide evidence that the device is suitable for deployment in a test site in the course of this project?** (*for example, for moored surface devices, whether an inspection by a Marine Surveyor has been carried out, third party validation of conformance to relevant standards, summary of results of testing at a lower TRL, etc.*)
☐No ☐Yes
**Please give details** (*max 400 words*)**:**

**Financial details**
**Please provide details of your financial plan for the proposed test or validation.**

# Application Form

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- *Finance schedule, origins of match-funds, steps taken to secure them, current status of any other grant you have applied for:*

**Are you receiving other public funds (local, regional, national or European) to develop your device?** (*including activities other than Test and Validation – See* Rules and Conditions)
☐No ☐Yes
**If Yes, please give details** (*max 200 words; purpose, origin, amounts*)**:**

**Impact**
*(please provide the information requested below, where applicable)*
**What new or enhanced transnational clusters or innovation networks are you involved with? Please provide number & details.**
(*e.g., clusters that you use, or created to develop your device*)

**How many devices will be developed and tested in real life conditions using an OceanDemo support package?**
*(Please see the* Rules and Conditions *for a definition of "device"*)

**How many companies (yours included) for which access to the OCEANDEMO programme means support to introduce "new to the market" products?**

**What research institutions if any are you cooperating with?** (*see* Rules and Conditions *for details*)

**Please provide the additional capacity of renewable energy production for your device.**

**Please provide your views on the impact of the proposed test or validation in supporting low carbon technologies** (*max. one page*)

**Project Team**
**Please describe your team and/or consortium; provide short *bios* of the key personnel**

**Dissemination and Exploitation**
**Please provide an indication of how and what you intend to produce as scientific and/or other output as a result of an eventual OCEANDEMO Support Package**

**List of attachments if any**

**MULTI-DEVICE OPTION** (*refer to Annex A of the* Rules and Conditions)
**Are you interested in participating in a multi-device deployment?**
☐No ☐Yes
**Technical details / relevance**
**Please provide an explanation on why your device is ready and relevant for a multi-device (farm) deployment and how you would envisage this deployment** *(TRL, readiness for deployment, …)*



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**Finance**
**Please give details on your financial provisions to support a multi-device deployment** *(business plan, financing sources, …)*

**Experience**
*Track record, previous deployment experience*

**Declaration**
*I confirm that the information in this application form is correct at the time of submission and I understand and accept that any part of it found to be incorrect may be sufficient to invalidate the application.*

| | |
|---|---|
| **Name:** | **Signature:** |
| **Position:** | |
| **Email:** | |
| **Submitted on:** | |

# Content of Application form

- Applicant Details
- Eligibility
- Project Details
- Project Team
- Dissemination and Exploitation
- Multi-Device Option

# Applicant Details

- Basic Applicant details: E.g. Company name etc.
- Test site preference needs to be provided.

All applicants should talk to their 1st choice prior to applying and ideally any other test sites they decide to put down on the application form.

# Eligibility

1. The *User* must be entitled to disseminate the *Foreground…*

2. The *User* must be in good financial standings…

3. The User must be willing to engage in an Access Contract …

4. The User must not be engaged in any other financial arrangement with the Test Site of their choice, contractual or otherwise, that might overlap an Ocean DEMO Voucher and its Access Contract. It is noted, however, that an Ocean DEMO voucher can be used to provide Access to a Test Site before or after a pre-contracted (or otherwise arranged) Test Site Access

# Eligibility

5. Enterprises outside of the NWE region can still apply but may be required to set up a branch or subsidiary in the country of the test site they are applying for.

6. The setting up of a branch or subsidiary may also apply to an enterprise that is based in a NWE country but is looking to test and demonstrate at a test site that is not located in their country.

# Project Details

- **Description** of the technology and the testing or validation required.

- **Objectives** of the project to be listed.

- A detailed **schedule** to be provided including the units in months and any major timing constraints within the schedule.

- **Current status and risks** to the project to be detailed and the technology readiness level to be provided. Evidence such as a third party verification may be requested by the test site

# Project Details

- **Financial** plan to be provided and any public funds to be declared.

- **Impact** of the project in relation to the Ocean DEMO aims and outputs.

# Project Team

- Description of the project team, consortium and any potential collaborators to be detailed

# Dissemination and Exploitation

- Provide detail of dissemination and exploitation activities for project results from a support package.
- Ocean Energy Europe is managing project communication and dissemination.

# Multi-Device Option

- Indicate if you are interested in the a multi device deployment.

Specific to the Multi Device question:

- Provide technical details
- Finance
- Experience

# Key Points

**The deadline for receipt of applications is 17:00 UTC on the 18th September 2020**

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# Thank you

# Questions & Answers