



## JOINT CALL 2019

# Call Announcement Guidelines for Applicants

**Deadline for the Expressions of Interest: 1<sup>st</sup> March 2019, 17:00 CET**

**Deadline for Proposals submission: 5<sup>th</sup> April 2019, 17:00 CET**

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## 1. Introduction

### 1.1 OCEANERA-NET COFUND

Ocean Energy ERA-NET Cofund (OCEANERA-NET COFUND) is a five-year action supported by the European Union's Horizon 2020 Programme for Research and Innovation. This project, operating from 2017 to 2021, will build on the work of the Ocean Energy European Research Area Network (OCEANERA-NET) which started in 2013 and ended in February 2018.

ERA-NET Cofund is a new instrument under Horizon 2020, the objective being to support public-public partnerships between Member States, including joint programming initiatives and joint calls. This project is funded under the Horizon 2020 Work programme 2016-17 "*Secure, Clean and Efficient Energy*" and the topic "Joint Actions towards the demonstration and validation of innovative energy solutions".

OCEANERA-NET COFUND aims to support transnational, collaborative research and development projects in ocean energy through joint calls and carry out other joint activities which will enhance the coordination of public research and innovation programmes and improve the exploitation of results of the projects funded.

### 1.2 Joint Call 2019

Funding for this Joint Call is provided by seven Funding Organisations (FOs) from four countries (Ireland, Portugal, Spain and Sweden), three regions (Flanders (Belgium), Pays de la Loire (France) and Scotland (UK)). These FOs have allocated funds of up to **6.82 M€** to this Joint Call. This means the call budget for the OCEANERA-NET COFUND Joint Call 2019 will be at least 6.82 M€ EURO. A breakdown of the call budget by country/region is provided in Section 4 and details of the FOs are provided in Annexes A and B.

The aim of the OCEANERA-NET COFUND Joint Call 2019 is to promote the development and competitiveness of the ocean energy sector by supporting projects involving research, technological development and innovation activities, demonstrating or validating innovative technologies of ocean energies: Wave Energy, Tidal and Ocean Currents, Tidal Range, Salinity Gradient, and Ocean Thermal Energy Conversion. However, please note that not all technologies are eligible for funding in all areas – please see Table 1, below, for details.

The focus will be on enabling industry to push technologies from Technology Readiness Level (TRL) 3 to 6 through to TRL 4 to 8, facilitating improvements in technology performance, reliability and cost reduction, supporting the Horizon 2020 aims of maintaining and growing Europe's world leading position in ocean energy and bringing innovative low carbon energy solutions closer to commercial deployment.

## 1.3 Call Documents

The call documents for the OCEANERA-NET COFUND Joint Call 2019 are as follows:

- Call Announcement and Guidelines for Applicants: call objectives, topics and expected impact, national/regional funding rules and how to apply for funding.

The follow templates are provided for applicants:

- Expression of Interest template
- Proposal template

All the documents and templates can be found on the Joint Call page of the project website: <https://www.oceancofund.eu/>.

## 2. Background

The context of the project is the European Union 2030 Framework for Climate and Energy and the targets for a more competitive, secure and sustainable energy system. The project will support the ocean energy sector to contribute to ambitious 2030 targets of boosting the share of renewables (to 27% of the EU energy consumption) and cutting greenhouse gas emissions (by 40% compared to 1990 levels).

Ocean energy is recognised as a key low-carbon technology area for Europe, which has the potential to deliver significant economic development and job creation. The sector will also play a key role in the transformation of the EU's energy system as renewable technologies' contribution to the energy mix increases and they become part of a balanced and integrated system. However, ocean energy is still at pre-commercial stage and considerable progress is required in the research, development, demonstration and validation of technology, to improve performance and reduce the cost of energy, to allow the sector to realise its potential contribution to energy supply, industrial leadership, jobs, growth and sustainable development. Demonstration and validation of technology are essential at this stage to progress towards commercialisation, but availability of funding is currently a constraint. In order to maximise the impact of public sector funding, there is a need for better coordination of research programmes to create a critical mass of investment.

The European Commission (EC) has recognised the importance of the sector by setting up the European Ocean Energy Forum to develop a Strategic Roadmap and supporting a new Technology and Innovation Platform (ETIP Ocean) to bring forward a Strategic Research Agenda.

The Ocean Energy Forum [Strategic Roadmap](#): Building Ocean Energy for Europe was published in November 2016. The Strategic Roadmap states that: "Ocean energy is abundant, geographically diverse and renewable. Developing technology to exploit its potential offers opportunities for Europe to develop a new industrial sector, create jobs and capitalise on its first mover status to cultivate significant export opportunities.

The industry association, Ocean Energy Europe, estimates that 100GW of wave and tidal energy capacity can be deployed in Europe by 2050<sup>1</sup>. This industry target is consistent with recent studies<sup>2</sup> on the practical<sup>3</sup> deployment potential of ocean energy in Europe. The global market for ocean energy could see 337GW<sup>4</sup> of installed capacity by 2050, a third of this would be in Europe. Today 45% of wave energy companies and 50% of tidal energy companies are from the EU<sup>5</sup>. The EU is in need of industrial success stories, and ocean energy can be one. The right support over the coming decade will enable Europe to maintain leadership in a global market, worth a potential €653bn in investments between 2010 and 2050<sup>6</sup>, and an annual market of up to €53bn, hugely benefiting the European economy.” The TP Ocean [Strategic Research Agenda](#) was published in December 2016 and has been used to inform the topics for OCEANERA-NET COFUND calls. The SRA prioritises 12 research areas and proposes 54 research and innovation actions to bring ocean energy technologies forward. The topics have been reviewed and updated to reflect priorities at the time of call publication.

### 3. Scope of Call

The aim of the OCEANERA-NET COFUND Joint Call 2019 is to support transnational, collaborative projects to develop, demonstrate and validate innovative technologies for ocean energy, which contribute to improved performance, reliability and survivability and reduction in the levelised cost of energy (LCOE).

The scope of the call is needs-driven research addressing an ocean energy technology area (Wave Energy, Tidal and Ocean Currents, Tidal Range, Salinity Gradient, or Ocean Thermal Energy Conversion). The scope of the proposed research should be relevant for more than one country, with clear added value from transnational collaboration. The participation of at least one industrial partner in the consortium is mandatory. Projects involving small and medium-sized enterprises (SMEs) are particularly encouraged.

#### 3.1 Challenges

Projects should contribute to tackling the following challenges, as set out in the Horizon 2020 Energy Work Programme 2016-17:

- Bringing innovative low carbon energy solutions closer to commercial deployment.
- Encouraging industrial participation to leverage private sector investment.

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<sup>1</sup> Target ambition estimated by members of Ocean Energy Europe, stated in European Ocean Energy Association (2013). Industry Vision Paper, 2013.

<sup>2</sup>

[https://webgate.ec.europa.eu/maritimeforum/sites/maritimeforum/files/OceanEnergyForum\\_Roadmap\\_Online\\_Version\\_08Nov2016.pdf](https://webgate.ec.europa.eu/maritimeforum/sites/maritimeforum/files/OceanEnergyForum_Roadmap_Online_Version_08Nov2016.pdf)

<sup>3</sup> Practical resource potential is defined as the portion of the ocean resource that is available when other constraints – such as economic, environmental, and regulatory considerations – are factored in.

<sup>4</sup> Ocean Energy Systems 2014. Annual Report 2013. Implementing agreement on Ocean Energy Systems. The Executive Committee of Ocean Energy Systems. [Online] <https://report2013.ocean-energy-systems.org/>.

<sup>5</sup> Joint Research Centre (2015). 2014 JRC Ocean Energy Status Report.

<sup>6</sup> Carbon Trust (2011). Marine Renewables Green Growth Paper.

- Strengthening the European industrial technology base, thereby creating economic growth and jobs in Europe.
- Reducing the environmental impact of the energy system.

The specific challenges, drawing on FOs priorities, recommendations from the Ocean Energy Forum Strategic Roadmap<sup>7</sup> and TP Ocean Strategic Research Agenda<sup>8</sup> are:

- Demonstration and validation in test sites/real sea environment of ocean energy technologies and operations.
- Improving and demonstrating the reliability, survivability and performance of ocean energy devices, systems and components.
- Development of tools for validation, optimisation and improvement of performance.
- Contributing to significant cost reductions.
- Evaluating and optimising the environmental, economic and social impact of ocean energy technologies.
- Resource evaluation and the assessment of its impact on reliability, survivability and performance.
- Stimulating a dedicated installation, operation and maintenance value chain.
- Standardisation of solutions and manufacturing and installation techniques.

### 3.2 Technology Areas

The ocean energy technologies eligible for support under this call are Wave Energy, Tidal and Ocean Currents, Tidal Range, Salinity Gradient and Ocean Thermal Energy Conversion (OTEC).

**Please note that not all FOs are able to fund all technologies.** Detailed information on national/regional priorities and eligibility of technologies and call topics for each funding organisations is summarised in the Table 1, below and in Annex B.

### 3.3 Technology Readiness Level (TRL)

The scope of the call is **development, demonstration and validation** of technologies. The intention is to progress technologies from **TRL 3 to 6** through to **TRL 4 to 8**. Projects must advance technologies by at least one TRL. Projects may also include some lower TRL research activities, where these are a minor but integral part of the wider project. The TRL definitions are as follows:

TRL 3: experimental proof of concept;

TRL 4: technology validated in lab;

TRL 5: technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies);

<sup>7</sup> <https://webgate.ec.europa.eu/maritimeforum/en/frontpage/1036>

<sup>8</sup> <http://oceanenergy-europe.eu/communication/publications/strategic-research-agenda>

TRL 6: technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies);

TRL 7: system prototype demonstration in operational environment;

TRL 8: system complete and qualified.

### 3.4 Call Topics

The call topics to be addressed by proposed projects are as follows:

1. **Ocean Energy Devices:** Development, demonstration and validation of novel or improved energy conversion device concepts, with a focus on generating learning necessary for commercialisation.
2. **Components and Subsystems:** Development, demonstration and validation of components and subsystems, including but not limited to power take-off, monitoring and control systems, foundations, moorings, and platforms, with a focus on reducing failures by testing in ocean conditions and design of systems that reduce uncertainty and risk and allow overall lower costs of installation and recovery of devices.
3. **Grid Connection and Power Systems:** Development, demonstration and validation of electrical architecture and components, power systems, grid connection and grid balancing models, to facilitate the connection of multiple devices, optimised array electrical topology and integration of ocean energy with energy systems.
4. **Materials and Structures:** Design, test and validation of new or improved materials and/or structures to enable the cost-effective development of ocean energy devices, including but not limited to novel materials or novel application of materials from other industrial sectors, anti-biofouling coatings, materials or techniques and improved manufacturing processes to produce materials with better properties for ocean energy applications.
5. **Installation, Operations and Maintenance:** Development and testing of technology, equipment and methods for installation, operations and maintenance of ocean energy systems and arrays, to reduce costs and maximise the safety and availability of ocean energy deployments.
6. **Resource and Impact Assessment:** Development and validation of tools for determining resource and environmental conditions and their impact on the reliability, survivability and performance of ocean energy devices, including effects of marine growth and corrosion, as well as the impact of ocean energy devices on the environment.



**Table 1: Funding Organisations, Eligible Technologies and Call Topics**

FO	Eligible Area	Eligible Technology Areas				
		Wave	Tidal / Ocean Current	Tidal Range	Salinity Gradient	OTEC
SE	Scottish Enterprise (UK)	✓	✓	X**	X**	X**
SWEA	Sweden	✓	✓*	X	✓	✓
CDTI	Spain	✓	✓	✓	✓	✓
SEAI	Ireland	✓	✓	✓	X	X
FCT	Portugal	✓	✓	✓	✓	✓
PDL	Pays de la Loire (France)	✓	✓	✓	X	✓
VLAIO	Flanders (Belgium)	✓	✓	✓	✓	✓

\* No tidal barrage.

\*\* SE's main focus is on wave and tidal but if a Scottish company is developing a product with potential application in another technology area we will consider supporting participation in a project

FO	Eligible Area	Eligible Call Topics					
		1	2	3	4	5	6
SE	Scottish Enterprise (UK)	✓	✓	✓	✓	✓	✓
SWEA	Sweden	✓	✓	✓	✓	✓	✓*
CDTI	Spain	✓	✓	✓	✓	✓	✓
SEAI	Ireland	✓	✓	✓	✓	✓	✓
FCT	Portugal	✓	✓	✓	✓	✓	✓
PDL	Pays de la Loire (France)	✓	✓	✓	✓	✓	✓
VLAIO	Flanders (Belgium)	✓	✓	✓	✓	✓	✓

\* SWEA is not interested in funding resource-mapping projects but could potentially fund development and validation of tools for this.

#### 4. Call Budget and Funding Arrangements

The total budget available for the OCEANERA-NET COFUND Joint Call 2019 is made up of contributions from national/regional FOs. A breakdown of the call budget by country/region is provided in Table 2, below, and details of the FOs are provided in Annexes A and B.

**Partners in project consortia will receive funding from their national/regional FOs.** Projects and funding are therefore subject to national/regional and European State Aid rules.

**Table 2: Indicative Funding**

<b>Funding Organisation</b>	<b>Acronym</b>	<b>Country / Region</b>	<b>Indicative Funding</b>
Scottish Enterprise	SE	Scotland, UK	GBP 1M
Statens Energimyndighet (Swedish Energy Agency)	SWEA	Sweden	SEK 15M
Centro para el Desarrollo Tecnológico Industrial E.P.E (Spanish Centre for the Development of Industrial Technology)	CDTI	Spain	EUR 950,000
Sustainable Energy Authority Ireland	SEAI	Ireland	EUR 1,49M
Fundação para a Ciência e a Tecnologia (Foundation for Science and Technology)	FCT	Portugal	EUR 300K
Région Pays de la Loire (Regional Council of Pays de la Loire)	PDL	Pays de la Loire, France	EUR 487K
Agentschap Innoveren & Ondernemen (Flanders Innovation and Entrepreneurship)	VLAIO	Flanders, Belgium	EUR 1M
<b>TOTAL</b>			<b>EUR ~6.82M</b>

The **maximum amount of grant funding and percentage of eligible costs will depend on national/regional rules**. This is summarised in Annex B and must be checked with the relevant FO for each partner in the project. Applicants must check with their FO the national /regional and State Aid schemes which are being applied and the implications for project funding.

Maximum aid intensities apply to the total of all public funding therefore any **other public sector funding applied for or awarded to the project must be declared** to allow the FOs to carry out a State Aid assessment. In general, it will not be possible to use other grants as match funding for the same eligible costs within OCEANERA-NET COFUND projects.

If national/regional funding has been awarded to previous phases of the project or has been sought for activities related to the proposed OCEANERA-NET COFUND project, this should be declared and an explanation should be provided of the split of eligible costs between projects and how the OCEANERA-NET COFUND funding adds value to any previous work.

## 5. Eligibility Criteria

Please note that the following are basic eligibility criteria for the OCEANERA-NET COFUND Joint Call 2019 but **there are variations in eligibility, depending on the national/regional rules**. All applicants must check the summaries of national/regional rules in Annex B and consult their national/regional FO to ensure they understand the requirements and the applicant, project and activities meet the eligibility criteria.

### 5.1 Proposal Submission:

- The two parts, Expressions of Interest and Proposal application, must be submitted by the lead partner (Project Coordinator), in English and only in electronic form via the Electronic Submission and Evaluation System (ESES), by the stated deadline.
- Only documents based on the templates downloadable from the ESES will be accepted. The instructions for completion and page restrictions must be respected.
- Specific application forms or supplementary information are likely to be required by the national/regional FOs in addition to the OCEANERA-NET COFUND Expression of Interest and Proposal (please check requirements in Annex B).

### 5.2 Eligible Organisations:

- The following organisations are eligible for funding, depending on national/regional rules: enterprises (small, medium and large); research organisations; universities.
- Each organisation must comply with the national/regional rules for eligibility. Please check these rules with the appropriate national/regional contact point.
- Organisations from countries/regions not providing funding to the call may participate in a project if they are able to secure their own funding. In such cases, this should be stated in the Expression of Interest and in the Proposal, including a statement on the source of funding. Funds and resources should be confirmed prior to submission of the Proposal and a signed **Declaration of Own Funding** must be submitted with the Proposal.
- Please note that inclusion of a partner that is not eligible and cannot be funded may lead to rejection of the proposal without further review, particularly if it affects the minimum criteria for consortium composition.
- The Project Coordinator must verify that all applicants in the consortium have contacted their national/regional contact point and confirmed eligibility for funding by their national/regional FO.
- Researchers from FOs and Affiliated Entities of the FOs cannot apply to this call.

### 5.3 Consortium Composition:

- The Project Coordinator of the consortium must be based/operating in a country/region participating in the OCEANERA-NET COFUND Joint Call 2019.
- Each proposal must be submitted by a project consortium consisting of **at least two eligible and independent organisations** based/operating in **at least two different countries** providing funding for the call. This minimum requirement will not be fulfilled by organisations from two regions within the same country.

- Each project partner should make a significant contribution to the project and contribute to the added value of transnational collaboration.
- Projects should be industry led: **at least one of the partners must be an enterprise (company)** and **at least 51% of person-months or 51% of total project costs should be incurred across the enterprise partners** (excluding non-technical sub-contracts).

#### 5.4 Project Eligibility:

- Projects must be transnational by nature and must be fully relevant within the scope of the call.
- Duration of projects must range between 12 and 36 months.
- Consortia need to be balanced between countries/regions both in terms of number of partners and distribution of budget.
- The **total eligible budget of a single partner and/or a country/region cannot exceed 70 %** of the total eligible project budget (specific additional conditions could apply for some agencies, please check the national annexes).
- At least two thirds (2/3) of project costs should be incurred by partners from countries/regions participating in the call. Partners from other countries/regions have to secure their own funding.
- No minimum or maximum project size has been set, but applicants should be mindful of the total budget available and the allocation of budgets between national/regional FOs.
- Projects must comply with all relevant European and national/regional regulations, including requirements for permits, environmental impact assessments and health and safety procedures.

## 6. Evaluation Criteria

All eligible Proposals will be evaluated by the International Evaluation Panel (IEP) based on three criteria: 'Scientific or Technological Excellence', 'Impact' and 'Quality and Efficiency of Implementation'.

<p><b>Scientific or Technological Excellence:</b></p> <ul style="list-style-type: none"> <li>• Relevance of the project to the call topics, contribution to the further development of the ocean energy sector;</li> <li>• Scientific/technological quality: clarity and pertinence of the objectives; credibility of the proposed approach/technology including trans-disciplinary considerations where relevant; soundness of the concept;</li> <li>• Ambition and innovation content: how ambitious, novel and innovative is the proposed work/technology, and to what extent does it go beyond the state-of-the-art?</li> </ul>
<p><b>Impact:</b></p> <ul style="list-style-type: none"> <li>• The expected ability of the project to overcome relevant barriers and challenges while enhancing innovation capacity and integration of new knowledge;</li> <li>• Future market deployment potential of the proposed innovation within European and global markets;</li> <li>• Impact on European competitiveness and growth: strengthening the competitiveness of companies by developing innovations meeting the needs of European and global markets and, where relevant, by delivering such innovations to the public and private markets, public bodies and/or civil society organisations;</li> <li>• Exploitation and dissemination among relevant stakeholders: effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant. Synergies and contribution to ongoing initiatives;</li> <li>• Sustainability, added value, other economic, environmental and socially important impacts.</li> </ul>
<p><b>Quality and Efficiency of the Implementation:</b></p> <ul style="list-style-type: none"> <li>• Coherence and effectiveness of the work plan: including appropriateness of the allocation of tasks and resources, realistic project timeline and budget, financial and operational capacity to deliver the project, and balance between partners in terms of budget;</li> <li>• Consortium strength and quality: relevant experience/expertise of the consortium members, soundness, complementarity and competence diversity of the partners, including the value of conducting a trans-national project;</li> <li>• Appropriateness and strength of the project management structures and governance procedures, including risk and innovation management;</li> <li>• Transnational added-value: the extent of transnational collaboration in the project and additional European value gained from conducting a transnational project.</li> </ul>

A scoring system from 0 to 5 will be used to evaluate the project against each criterion. The final score results from the sum of the 3 individual scores. Any Proposal receiving a mean score below 3 for one of the main criteria will not be selected for funding.

In the case of Proposals with equal scores, the FOs may decide to apply additional criteria based on two principles, namely the maximisation of the total number of projects recommended for funding, and the maximisation of the representation of the funding agencies involved in the joint call.

## 7. Call Timeline

Date	Step
8 <sup>th</sup> January 2019	Launch of the Joint Call
1 <sup>st</sup> March 2019	Deadline for the Expressions of Interest
8 <sup>th</sup> March 2019	Approval of Eols on ESES
5 <sup>th</sup> April 2019	Deadline for Proposals submission
11-12 <sup>th</sup> September 2019	IEP meeting: ranking of proposals
12 <sup>th</sup> September 2019	SG meeting: selection of proposals
October 2019	Communication of the evaluation outcomes and the funding decision to the project coordinators. Publication of the list of selected proposals on OCEANERA-NET COFUND website.
November 2019 to April 2020	Start of projects

## 8. Partner Search and Support

A website has been developed to assist with partner search. On the website, you can provide a profile of your organisation, present a project idea, make contact with other participants and arrange project meetings. You can find the website here:

<https://ocean-cofund-2019.b2match.io>

There will not be a physical brokerage event but a number of activities are planned to promote the call. National and regional events, which may provide a good opportunity for partner meetings, will be promoted on the OCEANERA-NET COFUND website Events page.

A webinar has been organised in partnership with Ocean Energy Europe and ETIP Ocean, at 10:00 GMT / 11:00 CET on 14th January 2019. You can register for the webinar here:

<https://register.gotowebinar.com/register/2924427547085649153>

Assistance with the application process can be obtained from the Joint Call Secretariat:

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The **National/Regional Contact Points** listed in Annex A can provide specific support to applicants with development of projects and partner search and are the reference points for questions regarding national/regional rules and processes.

## 9. Application Process

The application process is in two stages: Step 1 (Expression of Interest (EoI)) and Step 2 (Proposal). The process and related issues are described below.

### 9.1 Contact National/Regional Funding Organisations

Each of the national/regional FOs has funding rules and eligibility criteria which will be applied to the applicants to the Joint Call. The main rules and criteria are provided in Annex B. It is important that **all applicants** (coordinators and other consortium members) **contact their respective national/regional FO before submitting an EoI**, to discuss the national/regional rules and requirements. It is also recommended that applicants discuss the feedback provided on the EoI with their FOs, to ensure that any requirements are taken into consideration before proceeding with the Proposal.

FOs require **national/regional funding applications** to be submitted in addition to OCEANERA-NET COFUND proposals. These must be submitted directly by the applicants to their respective national/regional FOs, according to their specific deadlines and following their requirements and procedures, as described in the Annex B.

### 9.2 Registration

Proposals for projects must be submitted via the OCEANERA-NET COFUND Electronic Submission and Evaluation System (ESES) on the OCEANERA-NET COFUND website. The ESES will be available when the call opens on 8<sup>th</sup> of January 2019.

The Project Coordinator, that will represent the project consortium, must register to create an account before an EoI can be submitted. From the Joint Call page, click on **“Apply Now”** and you will be taken to the Login page, where you can create a new account.

### 9.3 Data Protection and Privacy Statement

The content of project proposals submitted to the OCEANERA-NET COFUND Joint Call 2019 will be used by the FOs (and their nominated national/regional delivery agencies) for the purpose of assessing and evaluating proposals and subsequently for monitoring projects which are selected for funding. The content of project proposals will also be used by the independent evaluators appointed by the FOs to evaluate the proposals.

Coordinators and project partners planning to submit a project proposal should be aware that personal data relating to persons involved in the project will be collected in the on-line form, EoI and Proposal documents. Coordinators should receive consent from each individual person, including from other project partners, before providing any personal data, including names and email addresses. By consenting to the provision of personal data, individuals are consenting to the use of their data as set out in this Guide for Applicants and the EoI and Proposal templates and the Privacy Statement on the OCEANERA-NET COFUND website.

The content of the Expressions of Interest and Proposals received under the call will be treated as confidential, with the exception of the lists of applications, list of projects selected for funding and publishable project abstracts. Expressions of Interest, Proposals and Evaluation Reports will be stored and accessed within the secure OCEANERA-NET COFUND ESES. Independent evaluators will be required to sign declarations of confidentiality and no conflict of interest before they are able to access proposal details on the ESES.

Applicants should be aware that the information provided may be subject to requests for publication or disclosure in accordance with national, regional or EU-wide access to information legislation. If OCEANERA-NET COFUND or any of the FOs receives a request for disclosure of information, the OCEANERA-NET COFUND Steering Group will consider the request in line with the relevant exemptions or exceptions provided in the legislation and will normally consult with the provider(s) of the information before making any decision to release.

### 9.4 Submission of Proposals

EoIs and Proposals must be submitted electronically, using the Electronic Submission and Evaluation System (ESES) accessible from the Joint Call page on the OCEANERA-NET COFUND website.

#### 9.4.1 Step 1: Expression of Interest

An EoI submission is mandatory. This must be completed by the Project Coordinator on behalf of all the partners and submitted at the ESES by the **deadline of 1<sup>st</sup> March 2019 - 17:00 CET (Brussels) time.**



The EoIs will be used by the FOs to check eligibility of projects and fit with national / regional priorities. EoIs may be submitted at any stage up to the 1<sup>st</sup> of March and the **JCS / FOs will provide feedback to applicants within 2 weeks of receipt**. If you submit an EoI and have received positive feedback by email from the JCS, you should proceed to work up your full Proposal and **do not need to wait until the EoI is formally approved on the ESES**.

The formal approval of the EoI on the ESES is primarily an administrative requirement, to open the ESES for submission of full Proposals, and cannot be completed until after the EoI deadline.

The EoI comprises two parts:

Part A – project summary (entered on line, please note this is called Pre-proposal in the ESES)

Part B – Expression of Interest document

An application will only be considered complete and submitted when both parts have been completed/uploaded to the ESES.

Only EoIs based on the template provided will be accepted. Applicants should refer to the notes in italics in the proposal template for recommendations on the completion of EoIs.

Once the coordinator has set up an account, they should login and from My Account select the call, then click the **“New Application”** button.

## Part A

### Section 1: Project Details

In this section, the project name, acronym, key words, and a short publishable abstract (maximum 300 words) should be provided.

### Section 2: Project Coordinator

In this section, the organisation name, legal status, address, main contact person and contact details for the Project Coordinator must be provided. This information should be automatically completed using the information provided in the registration form, but can be edited if necessary. The estimated costs for the Project Coordinators' work on the project, funding requested and name of the FO from which the funding is sought should also be completed. The Coordinator should ensure that only the project costs and funding requested for their own organisation are included in this section, not the total project costs and grant requested (these will be calculated automatically in the ESES from individual partner entries).

### Section 3: Project Partners

In this section, the organisation name, legal status, address, main contact person and contact details should be provided for each of the partners in the proposed project. Forms for the first two partners will appear automatically. If you have more than two partners, the **“Add Partner”** button will appear after the last partner. Use this to add partners. The

estimated costs for each partner's work on the project, funding requested and name of the FO from which the funding is sought should also be completed.

**Please ensure that the information submitted in Part A, including the numbering order of the project partners, is consistent with Part B.**

## Part B

Part B of the EoI contains the details of the proposed project. At the EoI stage the information will be used to assess the eligibility of the project according to the transnational eligibility criteria and the fit of the project objectives and outputs with the call objectives and call topics. It will also be **used by the FOs to assess the eligibility of individual partners and the activity they will undertake** as part of the project, according to the national/regional rules.

We strongly advise all project partners to discuss their role in the project with their respective national/regional funding organisations and ensure they have consulted any additional documentation provided to ensure they understand the national/regional requirements.

Due to the evaluation process required for Joint Calls, only projects which have demonstrated that all transnational and national/regional eligibility criteria have been met will be allowed to proceed to Step 2.

**Part B must be uploaded as a pdf. Only one pdf will be accepted.**

## Submission

Once the mandatory fields have been completed and a Part B uploaded, the EoI can be submitted by clicking the **"Submit"** button. You can resubmit your proposal multiple times. To resubmit, click the **"Edit"** button. Each time it is resubmitted the previous versions will be overwritten, but will be saved within the system.

When the application has been successfully submitted, **"Yes"** will appear under the Submitted column in the application summary.

### 9.4.2 Step 2: Proposal

After receiving a positive recommendation for Proposal submission, the Project Coordinator must submit the Proposal on behalf of the all the partners on the ESES, by the **deadline of 5<sup>th</sup> April 2019 - 17:00 CET (Brussels) time.**

The Proposal comprises 2 parts:

Part A: Data to be completed in the on-line form.

Part B: The Proposal, to be completed using the template provided and uploaded as a pdf, on the ESES.

An application will only be considered complete and submitted when both parts have been completed/uploaded to the ESES.

Only Proposals based on the template provided will be accepted. Applicants should refer to the notes in italics in the proposal template for recommendations on the completion of Proposals.

### Updating Part A

If your project has been invited to Step 2, the Project Coordinator will be able to edit the information in Part A.

The Project Coordinator will receive feedback from the Step 1 eligibility checks. This feedback may include partners not considered to be eligible for funding by their national/regional funding organisation. In this case, two options are possible:

1. Delete the partner not eligible for funding and reassign their tasks within the remaining members of the consortium;
2. Allow the partner not eligible for funding to collaborate in the project using their own funds.

The Project Coordinator must delete ineligible beneficiaries and/or adjust the project costs and requested funding for each partner, as required.

Changes or potential improvements towards the Proposal step will be allowed, provided they don't modify the scope of the project and don't introduce significant budgetary modifications. **Major changes will lead to the rejection of the proposal** for reasons of fairness towards other applicants.

### Part B

Part B of the Proposal contains the details of the proposed project. At the Proposal stage the information will be used to assess the eligibility of the project according to the transnational eligibility criteria, to check the eligibility of individual partners and the activity they will undertake as part of the project, according to the national/regional rules, and by the independent evaluators.

Due to the evaluation process required for Joint Calls, only projects which have demonstrated that all transnational and national/regional eligibility criteria have been met will be evaluated at Step 2.

Most importantly, the Proposal will be used by the independent evaluators to review and score the project according to the evaluation criteria, as the basis for creating a ranking list of projects as a recommendation to the OCEANERA-NET COFUND Steering Group for funding. Please take into consideration that proposals will be evaluated on three different evaluation criteria. We would advise you to consider each of the award criteria and address them in the appropriate section of the template.

Instructions are provided for each section on what should be covered. The notes aim to explain the evaluation criteria without being exhaustive.

Applicants must structure their proposal according to the headings in the Part B Proposal template and follow the instructions given, including the maximum length specified for each section.

**Part B must be uploaded as a pdf. Only one pdf will be accepted.**

### Submission

Please ensure when making the final submission that the data in Part A and Part B match. In the event of any discrepancies, the data in the uploaded Full Proposal document will be assumed to be the correct version.

Once the mandatory fields have been completed and a Part B uploaded, the Proposal can be submitted by clicking on the **“Submit”** button. You can resubmit your proposal multiple times. To make changes and resubmit, use the **“Edit”** button. Each time it is resubmitted the previous versions will be overwritten but will be saved in the system.

A **Declaration of Own Funding** must be provided for any organisations from countries/regions not participating in the call, or organisations which are not requesting funding. This must be duly signed and stamped by an authorised person within the organisation and be included as an annex to the Proposal.

## 10. Evaluation Process and Funding Decision

### 10.1 Expression of Interest eligibility check

At the Step 1, all EoIs will be checked by the OCEANERA-NET COFUND Joint Call Secretariat with respect to general eligibility criteria, as described in Section 5.

Each EoI will be assessed by the respective FOs at national/regional level:

- Eligibility check according to national/regional funding rules (type of research, organisations and project costs) as described in Annex B; and
- Relevance (priorities and impact) for the national/regional funding programmes, as described in Annex B.

Feedback will be provided to applicants within 2 weeks of receipt of an EoI, or at latest 8<sup>th</sup> March. **Applicants are advised to submit EoIs as early as possible** rather than wait for the deadline, to allow time for any feedback to be taken into consideration.

**On receipt of positive feedback from the JCS / FOs consortia can begin preparation of the full Proposal. You do not need to wait for the EoI to be approved in the ESES.** As explained above, approval of the EoI in the ESES is an administrative requirement, to allow the ESES to be opened up for Proposal submission.

## **10.2 Proposal eligibility check and national/regional evaluation**

At Step 2, all Proposals will be checked by the OCEANERA-NET COFUND Joint Call Secretariat with respect to general eligibility requirements (see Section 5).

Each Proposal will be assessed by the respective FOs at national/regional level:

- Eligibility check according to national/regional funding rules (type of research, organisations and project costs) as described in Annex B; and
- Relevance (priorities and impact) for the national/regional funding programmes, as described in Annex B.

This second check is to allow consideration of any changes to the project and partners and ensure they are still eligible.

Following these assessments, the FOs, through a Steering Group meeting, will jointly agree a list of eligible, fundable projects.

Eligible projects will then be passed for independent evaluation.

## **10.3 International Evaluation of Proposals**

The eligible Proposals will be evaluated by an International Evaluation Panel (IEP) of independent experts, selected according to their expertise. Each project will be reviewed by at least three evaluators, using the evaluation criteria. The IEP will agree a ranked list of eligible projects for consideration by the Steering Group.

## **10.4 Steering Group (SG) Decision**

The selection of Proposals for funding is based on the recommendations from the IEP and on the available national/regional budgets. A final decision on funding will be taken by the SG based on the ranking list drawn up by the IEP and the availability of funds. The overall aim will be to use the available funds to fund as many projects as possible, following the ranking list. Consequently, projects will be selected according to the following principles:

1. Project proposals with a higher ranking go first.
2. Project proposals are funded from the top of the ranking list down.

The final ranked list of projects to be funded will be approved by the SG in view of the available public funding, and this will be followed by the national/regional approval of funding to each project/partner.

Following the decision by the SG, the project Coordinators will receive a letter with the results of the evaluation and selection of projects, and in turn should distribute this to all partners of the consortium. The letter will include the recommendation, or not, for funding of projects and a consensus evaluation report.

## **11. Implementation of Selected Projects**

### **11.1 National/Regional Negotiation Phase**

Individual beneficiaries in projects recommended for funding will have separate contracts/funding agreements with their respective national/regional FOs. Each partner in the consortium must contact their national/regional FO for further instructions regarding procedures. FOs will outline the timing of internal procedures to ensure that partners in a project can agree a suitable start date for the project. Changes to partners within a consortium will only be allowed during the contract negotiation phase if there is a clear justification and all FOs agree to the change. The beneficiaries must inform the Joint Call Secretariat and relevant FO of any events or changes which might affect the implementation of the project.

### **11.2 Start of Projects**

Consortium members need to consider the different times to contract and funding for the FOs involved and agree on a common date for the start of the transnational project. This is expected to be from November 2019, taking into consideration the recommendations of each FO involved. Applicants should check on national requirements and timescales before agreeing on the appropriate start date for the project.

### **11.3 Consortium Agreement**

Each project consortium must agree on a Consortium Agreement (CA) for cooperation, following the principles as described in the Proposal. The CA will underpin the partners' collaboration, their rights and obligations towards one another (including the handling of default of contract) as well as how the Intellectual Property Rights will be handled. The CA should also cover partners in the consortium participating with their own funds or other funding. The CA must be signed by all partners and made available to the FOs. Models for CAs can be obtained from the IPR Helpdesk website:

<https://www.iprhelpdesk.eu/library>

### **11.4 Payment of Grant**

Each partner in a project consortium will receive funding from its respective national/regional FO. Payments will be made in accordance with the contract or grant agreement and national/regional procedures.

### **11.5 Ownership of Intellectual Property Rights**

Results and new Intellectual Property (IP) resulting from funded projects will be owned by the beneficiaries, according to national/regional rules on IP, as well as according to the agreements within the respective CA. If several beneficiaries jointly carry out work to create IP they should agree among themselves, through the CA, the arrangements for ownership and use of IP.

The results of the project and IP should be actively exploited and made available for use, whether for commercial gain or not, in order for public benefit to be obtained from the knowledge created. The FOs will have the right to use documents, information and results submitted by beneficiaries according to the contract/grant agreement between the beneficiary and FO.

### **11.6 Reporting Requirements**

Beneficiaries will be required to report to their respective FOs according to their contact or grant agreement.

In addition, OCEANERA-NET COFUND, through the Joint Call Secretariat, will implement monitoring procedures for funded projects. The Project Coordinator of funded projects will be required to submit a mid-term and a final (within three months of the end of the project) project report, on behalf of the project consortium. These reports cover the activities of the collaboration project as a whole. All reports must be submitted in English using a reporting template which will be provided.

For each project, an OCEANERA-NET COFUND rapporteur will be appointed. This will normally be a representative from one of the FOs participating in the call/funding the project. The role of the rapporteur is to be in close contact with the project, read the progress reports, participating in project meetings as appropriate, and give feedback and recommendations with respect to the technical progress of the project.

### **11.7 Publicity/Dissemination**

Any publications and dissemination materials resulting from the work of the funded projects must acknowledge the OCEANERA-NET COFUND Joint Call 2019 and each FO. A copy must be sent to the Joint Call Secretariat.

### **11.8 Changes to Active Projects**

Any anticipated, significant changes to an on-going project must be reported immediately to the FOs, who will jointly decide on any significant change affecting the whole project.

**Annex A: National/Regional Contact Points**

<b>Funding Organisation</b>	<b>Contact Person</b>	<b>Email</b>	<b>Telephone</b>
Scottish Enterprise (SE) Highlands and Islands Enterprise (HIE)	Karen Fraser	<a href="mailto:karen.fraser@scotent.co.uk">karen.fraser@scotent.co.uk</a> <a href="#">TBC</a>	+44 (0) 141 468 5658
Statens Energimyndighet (SEA)	Maria Olsson Marit Marsh Strömberg	<a href="mailto:maria.olsson@energimyndigheten.se">maria.olsson@energimyndigheten.se</a> <a href="mailto:marit.marsh-stromberg@energimyndigheten.se">marit.marsh-stromberg@energimyndigheten.se</a>	+46 (0) 16 542 06 29 +46 (0) 16 544 22 56
Centro para el Desarrollo Tecnológico Industrial (CDTI)	Gema Del Rio Castro Julian Diaz Cirujano	<a href="mailto:gema.delrio@cdti.es">gema.delrio@cdti.es</a> <a href="mailto:julian.diaz@cdti.es">julian.diaz@cdti.es</a> <a href="mailto:eranets@cdti.es">eranets@cdti.es</a>	+ 34 91 581 0489
Sustainable Energy Authority Ireland (SEAI)	Darren Coppinger Declan Meally Joyce Acheson Patricia Comiskey	<a href="mailto:Darren.Coppinger@seai.ie">Darren.Coppinger@seai.ie</a> <a href="mailto:Declan.Meally@seai.ie">Declan.Meally@seai.ie</a> <a href="mailto:joyce.acheson@seai.ie">joyce.acheson@seai.ie</a> <a href="mailto:Patricia.Comiskey@seai.ie">Patricia.Comiskey@seai.ie</a>	+ 353 (0)1 8082092
Fundação para a Ciência e a Tecnologia (FCT)	Joana Pinheiro Gonçalo Zagalo	<a href="mailto:joana.pinheiro@fct.pt">joana.pinheiro@fct.pt</a> <a href="mailto:gonçalo.zagalo@fct.pt">gonçalo.zagalo@fct.pt</a>	+351 213 911 567 +351 213 924 455
Région Pays de la Loire (PDL)	Charlotte Sugliani	<a href="mailto:c.sugliani@agence-paysdelaloire.fr">c.sugliani@agence-paysdelaloire.fr</a>	+33 (0)240 48 32 95 +33 (0)672 00 18 24
Agentschap Innoveren & Ondernemen (VLAIO)	Jozef Ghijselen Bart de Caesemaeker	<a href="mailto:jozef.ghijselen@vlaio.be">jozef.ghijselen@vlaio.be</a> <a href="mailto:bart.decaesemaeker@vlaio.be">bart.decaesemaeker@vlaio.be</a>	+32 (0)2 432 42 40 +32 (0)2 432 42 49



## Annex B: National/Regional Rules

### Scotland, United Kingdom

<b>Funding Organisation</b>	Scottish Enterprise (SE) <a href="http://www.scottish-enterprise.com">www.scottish-enterprise.com</a>
<b>Funding Commitment</b>	£1m
<b>National / Regional Programme</b>	SE will support projects under the OCEANERA-NET COFUND Joint Call 2019 using a bespoke programme.
<b>National / Regional Contact Point</b>	Karen Fraser, Scottish Enterprise <a href="mailto:karen.fraser@scotent.co.uk">karen.fraser@scotent.co.uk</a> +44 (0) 141 468 5658 Norma Hogan, Highlands and Islands Enterprise
<b>Eligible Area</b>	SE funding is only available to applicants from the Scottish Enterprise area. This excludes the <a href="#">Highlands and Islands area</a> ; For companies based in the Highlands and Islands please contact Norma Hogan, Highlands and Islands Enterprise <a href="mailto:norma.hogan@hient.co.uk">norma.hogan@hient.co.uk</a> .
<b>Eligible Entities</b>	<p><b>Companies</b> that are legal entities registered and operating in the Scottish Enterprise area.</p> <p><b>Research organisations</b> that are legal entities registered and operating in the Scottish Enterprise area, subject to the following conditions: Research organisation will be eligible <b>only if there is also an eligible Scottish company (or companies) involved in the collaborative project</b> and the work being carried out by the research organisation is of direct relevance to at least one of the participating Scottish companies or of demonstrable benefit to the ocean energy sector in Scotland (evidence of relevance and letters of support should be provided); The funding requested by the research organisation should be no greater than the funding requested by the Scottish companies involved in the collaborative project.</p>
<b>Eligible Activities</b>	<p>Projects may include both industrial research and experimental development activities, within the following definitions as set out in Commission Regulation (EU) No 651/2014 of 17 June 2014 (the General Block Exemption Regulation):</p> <p><b>Industrial research:</b> means the planned research or critical investigation aimed at the acquisition of new knowledge and skills for developing new products, processes or services or for bringing about a significant improvement in existing products, processes or services. It comprises the creation of components parts of complex systems, and may include the construction of prototypes in a laboratory environment or in an environment with simulated interfaces to existing systems as well as of pilot lines, when necessary for the industrial research and notably for generic technology validation.</p> <p><b>Experimental development:</b> means acquiring, combining, shaping and using existing scientific, technological, business and other relevant knowledge and skills with the aim of developing new or improved products, processes or services. This may also include, for example,</p>

	<p>activities aiming at the conceptual definition, planning and documentation of new products, processes or services. Experimental development may comprise prototyping, demonstrating, piloting, testing and validation of new or improved products, processes or services in environments representative of real life operating conditions where the primary objective is to make further technical improvements on products, processes or services that are not substantially set. This may include the development of a commercially usable prototype or pilot which is necessarily the final commercial product and which is too expensive to produce for it to be used only for demonstration and validation purposes. Experimental development does not include routine or periodic changes made to existing products, production lines, manufacturing processes, services and other operations in progress, even if those changes may represent improvements.</p>
<b>Eligible Technologies</b>	<p>SE's main focus is on wave and tidal but if a Scottish company is developing a product with potential application in another technology area we will consider supporting participation in a project.</p>
<b>Project Budget</b>	<p>There are no minimum or maximum limits for partner or project budget but applicants should bear in mind the total funding available.</p>
<b>Eligible Costs</b>	<p>Eligible costs are those directly related to the implementation of the project and incurred by the applicant.</p> <p>Project costs should normally be incurred within Scotland, but may relate to activity outside the area if this is fully justified. Costs of activity outside Scotland are not expected to form a large proportion of the eligible costs. The following costs are eligible – see detailed guidance for more information.</p> <p><b>Personnel Costs:</b></p> <ul style="list-style-type: none"> <li>• Staff Costs (Salary, pension and National Insurance): capped at a salary of £60,000 per person per year.</li> <li>• Directors' Fees charged as consultants or sub-contractors to their own business are eligible, capped at £60,000 per year.</li> </ul> <p><b>Equipment:</b> limited to the depreciated cost over a 4-year period (3 years for IT equipment) or in accordance with the company's depreciation policy, on a pro rata basis within the life of the project.</p> <p><b>Consumables</b> (incl. Materials)</p> <p><b>Travel</b></p> <p><b>Subcontracting:</b></p> <ul style="list-style-type: none"> <li>• Consultancy</li> <li>• Directors' Fees charged as consultants or sub-contractors to their own business are eligible, capped at £60,000 per year.</li> <li>• Market Assessment</li> <li>• Trials and Testing</li> <li>• Deployment</li> <li>• Dissemination of project activities and results</li> </ul> <p><b>Other Costs:</b></p> <ul style="list-style-type: none"> <li>• Accountant's certificates (<i>for SMEs only</i>): associated with certifying claims for payment associated with the project.</li> <li>• Training, specific to the project or associated with the implementation</li> </ul>

	<p>of new technology or new skill sets necessary to ensure success of the proposed development.</p> <ul style="list-style-type: none"> <li>• Intellectual Property (<i>for SMEs only</i>)</li> </ul> <p><b>Indirect (Overhead) Costs</b></p>
<b>Maximum Support Levels</b>	<p>Maximum support levels will be determined by the size of company and proposed activity. Support packages will be based on the need for grant and the maximum aid intensities allowed under the <b>Scottish Enterprise Research, Development and Innovation Scheme</b>. The following are the maximum levels of support, which assume that a 15% bonus for effective collaboration is applied. See definitions above.</p> <p><b>Industrial research</b> - Large companies up to 65%, medium companies up to 75%, small companies up to 80%.</p> <p><b>Experimental development</b> - Large companies up to 40%, medium companies up to 50%, small companies up to 60%.</p> <p><b>Research organisations</b> - between 50 and 100% of eligible costs, depending on nature of activity.</p>
<b>Project Duration</b>	<p>The duration of the projects should be between 1 and 3 years.</p>
<b>Additional Requirements</b>	<p>Scottish applicants (project coordinators and partners) must contact Scottish Enterprise for advice about funding rules and requirements before submitting an EoI. <b>All Scottish applicants must submit a formal application to SE</b>, using the application forms provided. This will involve a R&amp;D Grant application at Step 2. Applications must be submitted to SE <b>no later than one week after the deadline for Proposals</b>. Failure to provide an application will mean the proposal is not considered.</p>

## Sweden

<b>Funding Organisation</b>	Swedish Energy Agency (SWEA) <a href="https://www.energimyndigheten.se/">https://www.energimyndigheten.se/</a>
<b>Funding Commitment</b>	15 000 000 SEK Applicants should use the number 1 Euro=10 SEK when converting between Euro and Swedish krona in the cost tables in the proposals.
<b>National / Regional Programme</b>	
<b>National / Regional Contact Point</b>	Maria Olsson or Marit Marsh Strömberg Email: <a href="mailto:maria.olsson@energimyndigheten.se">maria.olsson@energimyndigheten.se</a> , <a href="mailto:marit.marsh-stromberg@energimyndigheten.se">marit.marsh-stromberg@energimyndigheten.se</a>  Telephone: +4616 542 06 29 (Maria), +4616 544 22 56 (Marit)
<b>Eligible Area</b>	
<b>Eligible Entities</b>	Public and private entities e.g. <ul style="list-style-type: none"> <li>• Universities</li> <li>• Research institutes</li> <li>• Companies</li> </ul>
<b>Eligible Activities</b>	<ul style="list-style-type: none"> <li>• Basic research</li> <li>• Industrial research</li> <li>• Experimental development</li> </ul> <u>For industrial research and experimental development, a Swedish company must be participating in the project with a relevant role.</u>
<b>Eligible Technologies</b>	Wave energy, Tidal/ocean current, salinity gradient, ocean thermal energy conversion. The technologies and solutions must have a path to be commercially viable by 2030 in order for us to support it.
<b>Project Budget</b>	There is no maximum or minimum budget per partner as long as the ERA-NET eligibility criteria are met.
<b>Eligible Costs</b>	<ul style="list-style-type: none"> <li>• Personnel</li> <li>• Travel cost</li> <li>• Consultancy</li> <li>• Material</li> <li>• Laboratory cost</li> <li>• Instrument and equipment cost (to the extent and during the period in which they are used for the project)</li> <li>• Indirect cost (not companies)</li> </ul> When filling in the cost tables in the proposals, use the number 1 Euro=10 SEK when converting between Euro and Swedish krona.
<b>Maximum Support Levels</b>	Funding of Swedish participants underlies the Swedish Energy Agency. Decisions on funding research, development and innovation in the energy area for companies are taken according to the ordinance SFS 2008:761 in the Swedish Code of Statues. Funding quota will be decided on a case-by-case basis depending on the size of the company, type of research/development, risk associated with the research activities, commercial perspective of exploitation, collaboration, etc.

	<p>For more information see: <a href="http://www.energimyndigheten.se/forskning-och-innovation/soka-stod-och-rapportera/rattsliga-forutsattningar-for-att-fa-stod/">http://www.energimyndigheten.se/forskning-och-innovation/soka-stod-och-rapportera/rattsliga-forutsattningar-for-att-fa-stod/</a></p> <p>For academia it is possible to apply for 100 % funding. In some cases it can be motivated to include co-financing also for academia, for example if the project is regarded as experimental development rather than industrial research (high TRL).</p>
<b>Project Duration</b>	No national rules
<b>Additional Requirements</b>	<p><u>For industrial research and experimental development, a Swedish company must be participating in the project with a relevant role.</u></p> <p>Proposals will be evaluated by the Swedish Energy Agency according to the following criteria:</p> <ul style="list-style-type: none"> <li>• Is the project in line with the <a href="#">Swedish Energy Agency's strategy</a> for this field?</li> <li>• Dissemination and exploitation</li> <li>• Feasibility of the project</li> <li>• Scientific quality, innovation and relevance</li> </ul> <p>It is necessary for Swedish applicants in projects to send in a national application for the Swedish part of the project to the Swedish Energy Agency, preferably using the online application form E-kanalen. Only one national application is needed (even if there are several Swedish applicants involved in the project). The national application should be submitted no later than the international full proposal (5<sup>th</sup> of April 2019).</p> <p><b>Instructions in Swedish for the national application:</b></p> <p>Ansökan lämnas in som ett så kallat programprojekt inom programmet Marin energiomvandling. I E-kanalen väljs "utlysning" och att ansökan avser "Marin energiomvandling". Utlysningen heter "OCEANERA-NET Cofund utlysning 2". Den internationella projektansökan ska bifogas. Ange Maria Olsson eller Marit Marsh Strömberg som kontaktperson i ansökan. Ansök om behörighet i E-kanalen i god tid, detta kan ibland ta några dagar för att gå igenom.</p> <p>Det som efterfrågas i den nationella ansökan är att motivering, mål, genomförande, budget och resultatspridning framgår.</p> <p>Projektets energirelevans och industrirelevans ska framgå i motiveringen. Målen ska vara mätbara, tydliga och formulerade på sådant vis att de kan uppfyllas under projektets löptid. Tänk på att även målen i den fullständiga internationella ansökan ska vara mätbara och överensstämna med den nationella ansökan så de övergripande målen bör tas fram gemensamt av projektgruppen. Växelkursen 10 SEK/euro ska användas när kostnad och finansiering beräknas.</p>

Budget (kostnadstabell, stödmottagare, samfinansiering mm) ska skrivas enbart utifrån de svenska deltagarna i projektet då det är de svenska deltagarna som får stöd från Energimyndigheten. Genomförandedelen kan använda samma struktur som den internationella ansökan (med arbetspaket) men det ska tydligt framgå i texten vad de svenska aktörerna genomför i projektet och deras roll. Vad gäller målen så kan det inkluderas övergripande mål för hela projektet, dock ska det även finnas med delmål som bara syftar till den svenska delen i projektet. Resultatspridning kan inkludera aktiviteter som hela projektgruppen planerar, men det ska också tydligt framgå hur enbart de svenska deltagarna kommer sprida resultat från projektet. Mål och genomförande ska vara på svenska, resten av delarna kan vara på svenska eller engelska.

Further information can be obtained from the national contact point and the homepage of the Swedish Energy Agency.

E-kanalen for national application:

<http://www.energimyndigheten.se/forskning-och-innovation/soka-stod-och-rapportera/>

## Spain

<b>Funding Organisation</b>	CDTI - Centro para el Desarrollo Tecnológico Industrial, E.P.E.
<b>Funding Commitment</b>	EUR 950 000 (Minimum budget, based on soft loans with a non-repayable part up to 33%)
<b>National / Regional Programme</b>	European Technological Cooperation R&D projects
<b>National / Regional Contact Point</b>	Gema del Río / <a href="mailto:gdr@cdti.es">gdr@cdti.es</a> ; <a href="mailto:eranets@cdti.es">eranets@cdti.es</a> / + 34 91 581 0489 Julián Díaz / <a href="mailto:jdc@cdti.es">jdc@cdti.es</a> / + 34 91 581 0489
<b>Eligible Area</b>	CDTI potentially supports projects in <u>all the call topics</u>
<b>Eligible Entities</b>	CDTI potentially supports registered companies (being SME or large companies) established and carrying out R&D activities in Spain. <i>N.B. Other entities such as Universities, Public Research Institutions, Technological Centres, and non-profit private institutions could participate under subcontracting by Spanish companies (subcontracting cannot exceed the 50% of the national project budget).</i>
<b>Eligible Activities</b>	CDTI potentially supports the following types of RTD, namely Industrial Research and /or Experimental Development (TRL up to 8). <i>N.B. <u>Only technology-based activities</u> within industrial research and/or experimental development projects representing outstanding scientific-technical quality and high innovative potential are eligible for funding (in accordance with the definitions of the General Block Exemption Regulation, <a href="#">EC Regulation n°651/2014</a>). The Spanish part of the proposed work plan must be developed in Spain. Non-technological activities are explicitly excluded for CDTI funding.</i>
<b>Eligible Technologies</b>	CDTI supports all the technologies.
<b>Project Budget</b>	<b>Compulsory Minimum Eligible Budget:</b> € 175000 (this amount applies to the project budget per partner, not the requested funding).
<b>Eligible Costs</b>	<b>The eligible costs include:</b> <ul style="list-style-type: none"> <li>▪ Personnel costs, to the extent employed for the project RTD activities.</li> <li>▪ Instrument and equipment costs, to the extent and during the period in which they are used for the project RTD activities.</li> <li>▪ Contractual research costs, technical knowledge and patents bought or licensed from outside sources at market prices, as well as costs of consulting services intended exclusively for the research project.</li> <li>▪ Other costs (operating expenses) including materials, supplies and similar products, exclusively used for the RTD activities of the project. Audit costs for the national reporting of the project (when applicable).</li> <li>▪ Additional general expenses (indirect costs or overheads, as a percentage of personnel costs).</li> </ul> Management, dissemination, and travel costs <u>are not eligible for funding</u> .
<b>Maximum Support Levels</b>	CDTI funding will be based on a financing package entailing <b>soft loans with a non-repayable part up to 33%</b> . The maximum funding rate will be up to 75% of the approved total budget (exceptionally, this rate could be raised to 85%, please check CDTI website for further details). <a href="http://www.cdti.es/index.asp?MP=100&amp;MS=802&amp;MN=2">http://www.cdti.es/index.asp?MP=100&amp;MS=802&amp;MN=2</a>

<p><b>Project Duration</b></p>	<p><b>Project duration:</b> 12 to 36 months.  <i>N.B. The project must comply with the “incentive effect” required by the EU State Aid rules. Thus, the respective starting date should be afterwards the submission of the CDTI full application subsequent to the international recommendation for funding.</i></p>
<p><b>Additional Requirements</b></p>	<p><b>Project transnationality:</b> projects should be transnational by nature, therefore, each country/ region will be responsible for no more than <b>70%</b> of the total budget project costs.</p> <p><b>Technical and financial solvency:</b> projects must be feasible under technical as well as financial criteria.</p> <p><b>Mandatory National Application:</b> Additionally to the international application process, those applicants requesting funding from CDTI must submit a formal application by way of <b>CDTI electronic submission system</b> (<a href="https://sede.cdti.gob.es">https://sede.cdti.gob.es</a>). The application must include a detailed description, in Spanish Language, of the activities to be undertaken by the company and the respective budget breakdown. Applicants must indicate their VAT (CIF) number in all their respective applications (both international and national). Further guidance and timelines will be published on CDTI website.</p> <p><b>Financial conditions:</b> Specific financial conditions for ensuring the beneficiary’s solvency could be required according to CDTI funding rules. CDTI will avoid double funding, and will not finance projects, or parts of projects, which have been already, funded through other national, transnational or EU calls. CDTI will be responsible for making the final decision regarding the awarding of funds, taking fully into account the transnational evaluation of the collaborative project, the previous funds received by the participants for other related projects, the fulfilment of eligibility and funding rules, and the financial resources available.</p> <p><b>Further information:</b> Applicants are strongly advised to check the detailed information available on CDTI website and the ERA-NET website and to contact the NCP for getting advice about national funding rules, before submitting a proposal. Please check the complete national funding rules and relevant information about the call on the following links:</p> <p><i>“Financiación CDTI para Proyectos de Investigación y Desarrollo”</i>  <a href="http://www.cdti.es/index.asp?MP=100&amp;MS=802&amp;MN=2">http://www.cdti.es/index.asp?MP=100&amp;MS=802&amp;MN=2</a></p> <p><i>“Financiación CDTI para Proyectos Transnacionales en el marco de ERA-NET”</i>  <a href="http://www.cdti.es/index.asp?MP=101&amp;MS=831&amp;MN=2">http://www.cdti.es/index.asp?MP=101&amp;MS=831&amp;MN=2</a></p>



## Ireland

<b>Funding Organisation</b>	<b>Sustainable Energy Authority of Ireland (SEAI)</b> <a href="http://www.seai.ie">www.seai.ie</a>
<b>Funding Commitment</b>	€1,494,176
<b>National / Regional Programme</b>	<b>Prototype Development Fund</b> <a href="https://www.seai.ie/grants/research-funding/ocean-energy-prototype-development-fund/">https://www.seai.ie/grants/research-funding/ocean-energy-prototype-development-fund/</a>
<b>National / Regional Contact Point</b>	Programme Manager, Ocean Energy Development Unit, Sustainable Energy Authority of Ireland, Wilton Park House, Wilton Place, Dublin 2, Ireland.  T: +353-(0)1-808-2198; E: <a href="mailto:oceanenergy@seai.ie">oceanenergy@seai.ie</a>
<b>Eligible Area</b>	
<b>Eligible Entities</b>	Public and private sector companies based in Ireland (including Irish subsidiaries of overseas companies) and carrying out projects in Ireland.
<b>Eligible Activities</b>	The emphasis is on industry-led projects for the following indicative types of activities: industry-led projects to develop and test wave and tidal energy capture devices, systems and sites; independent monitoring of projects/technologies; industry-led R&D aimed at the integration of ocean energy into the electricity market and the national electricity grid (and network); data monitoring, forecasting, communications and control of ocean energy systems; specific industry-led research projects which will be carried out by research centres such as tank testing or numerical model development.
<b>Eligible Technologies</b>	Ocean Energy (Wave, Tidal, Off-shore Wind).
<b>Project Budget</b>	No maximum.
<b>Eligible Costs</b>	<ul style="list-style-type: none"> <li>- Personnel</li> <li>- Instruments and equipment costs, to the extent and for the period used for the research project.</li> <li>- Contractual research costs, technical knowledge and patents bought or licensed from outside sources at market prices, as well as costs of consultancy and equivalent services used exclusively for the research activity.</li> <li>- Other operating expenses, including costs of materials, supplies and similar products incurred directly as a result of the research project.</li> </ul>
<b>Maximum Support Levels</b>	50 – 80% (dependent on company status).
<b>Project Duration</b>	No minimum/maximum length of project.
<b>Additional Requirements</b>	Submit Section 1 – 3 of national application and Budget Details Spreadsheet to SEAI as well as international application. See <a href="#">Application Guide</a> .

## Portugal

<b>Funding Organisation</b>	<b>Fundação para a Ciência e a Tecnologia (FCT)</b>
<b>Funding Commitment</b>	€ 300.000
<b>National / Regional Programme</b>	Project 3599 - Promote the Scientific Production, Technological Development and Innovation
<b>National / Regional Contact Point</b>	Joana Pinheiro: <a href="mailto:joana.pinheiro@fct.pt">joana.pinheiro@fct.pt</a> ; +351 213 911 567 Gonçalo Zagalo: <a href="mailto:gonçalo.zagalo@fct.pt">gonçalo.zagalo@fct.pt</a> ; +351 213 924 455  <b>FCT</b> – Fundação para a Ciência e a Tecnologia Departamento das Relações Internacionais (DRI) Av. D. Carlos I, 126, 1249-074 Lisboa, Portugal
<b>Eligible Area</b>	All the call topics eligible.
<b>Eligible Entities</b>	The following entities having legal authority to enter into contracts may, either individually or jointly, submit proposals for funding of the projects: <ul style="list-style-type: none"> <li>• Higher Education Institutions, their institutes and R&amp;D centers;</li> <li>• Associate Laboratories;</li> <li>• State Laboratories;</li> <li>• Private non-profit institutions whose main objective is to carry out S&amp;T activities;</li> <li>• Companies;</li> <li>• Other public and private non-profit institutions which carry out or participate in scientific research activities.</li> </ul>
<b>Eligible Activities</b>	Projects according to the typology described in article 2º of the regulations available at <a href="https://www.fct.pt/apoios/projectos/regulamentofundosnacionais.phtml.en">https://www.fct.pt/apoios/projectos/regulamentofundosnacionais.phtml.en</a>
<b>Eligible Technologies</b>	Wave Energy, Tidal/Ocean Currents, Tidal Range, Salinity Gradient, Ocean Thermal Energy Conversion (OTEC).
<b>Project Budget</b>	<b>FCT funding commitment</b> for national teams is <b>€300.000</b> . <b>The maximum budget per project is €150.000</b> . In case that more than one Portuguese team participates in the same consortium, the budget must be shared.
<b>Eligible Costs</b>	Direct and indirect costs described in article 8º of the regulations available at <a href="https://www.fct.pt/apoios/projectos/regulamentofundosnacionais.phtml.en">https://www.fct.pt/apoios/projectos/regulamentofundosnacionais.phtml.en</a>
<b>Maximum Support Levels</b>	The percentage of costs covered by national funding: <ul style="list-style-type: none"> <li>• Large Enterprises, Groups and Associations of Enterprises, Medium Enterprises, Small Enterprises - 50%;</li> <li>• Research Institutes and Universities - 100%.</li> </ul> Payments made to companies may not exceed 50% of the total cost of the company's participation. During the execution of the project, the recipients should present to Fundação para a Ciência e a Tecnologia (FCT) the documents related to the total expenses made.
<b>Project Duration</b>	Maximum duration of 36 months.

<b>Additional Requirements</b>	Portuguese teams need to send a statement of commitment to the <b>National Programme Manager(s)</b> from FCT, duly signed, dated and stamped by the Head of the Portuguese applicant organization and by the Principal Investigator, at the stage of Expression of Interest.
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## Pays de la Loire, France

<b>Funding Organisation</b>	Région Pays de la Loire, France <a href="http://www.paysdelaloire.fr">www.paysdelaloire.fr</a>
<b>Funding Commitment</b>	€ 487.000,00
<b>National / Regional Programme</b>	<b>Regional programme for Research &amp; Innovation activities</b>
<b>National / Regional Contact Point</b>	Charlotte Sugliani +33 (0) 2 40 48 32 95 <a href="mailto:c.sugliani@agence-paysdelaloire.fr">c.sugliani@agence-paysdelaloire.fr</a>
<b>Eligible Area</b>	Pays de la Loire region, France
<b>Eligible Entities</b>	Small, Medium and large companies established and carrying out R&D activities in Pays de la Loire. Other entities such as universities, public research institutions, technological centres, and other private non-profit institutions may also participate. There should be at least one industrial partner (company) in the consortium.
<b>Eligible Activities</b>	Projects may comprise industrial research or experimental development activities, and must represent outstanding scientific-technical quality and high innovative potential. The Pays de la Loire part of the proposed work plan must be developed in Pays de la Loire.
<b>Eligible Technologies</b>	Wave, Tidal stream, tidal range, OTEC
<b>Project Budget</b>	There is no requirement in terms of minimum or maximum eligible budget.
<b>Eligible Costs</b>	<ul style="list-style-type: none"> <li>- Personnel costs i.e. the cost of researchers, technicians and other supporting staff to the extent employed on the relevant project or activity (gross salary, without overheads).</li> <li>- Indirect costs: 15% of personnel costs.</li> <li>- Contractual research costs, technical knowledge and patents bought or licensed from outside sources at market prices, and costs for consulting and equivalent services intended exclusively for the research activity.</li> <li>- Other operating expenses, including costs for material, supplies and similar products, which result directly from the research project.</li> <li>- Instrument and equipment costs, to the extent and during the period in which they are used for the research project.</li> </ul>
<b>Maximum Support Levels</b>	<p>Support levels will be determined by the legal status of the applicant, the size of company and the proposed activity. In this regards, the support level may vary from one work package to another.</p> <p><b><u>Industrial research:</u></b></p> <ul style="list-style-type: none"> <li>- large companies up to 65% of the total eligible costs</li> <li>- medium companies up to 75% of the total eligible costs</li> <li>- small companies up to 80% of the total eligible costs</li> <li>- research institutes : 75% of the total eligible costs OR 100% of marginal costs</li> </ul> <p><b><u>Experimental development:</u></b></p> <ul style="list-style-type: none"> <li>- large companies up to 40% of the total eligible costs</li> <li>- medium companies up to 50% of the total eligible costs</li> <li>- small companies up to 60% of the total eligible costs</li> </ul>

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	- research institutes: 50% of the total eligible costs OR 100% of marginal costs.
<b>Project Duration</b>	The duration of the projects will be from 1 to 3 years.
<b>Additional Requirements</b>	

## Flanders, Belgium

<b>Funding Organisation</b>	VLAIO (Agentschap Innoveren en Ondernemen)
<b>Funding Commitment</b>	1 M €
<b>National / Regional Programme</b>	Industrial research and development projects
<b>National / Regional Contact Point</b>	Jozef Ghijselen <a href="mailto:jozef.ghijselen@vlaio.be">jozef.ghijselen@vlaio.be</a> +32 (0)2 432 42 40 Bart de Caesemaeker <a href="mailto:bart.decaesemaeker@vlaio.be">bart.decaesemaeker@vlaio.be</a> +32 (0) 2 432 42 49
<b>Eligible Area</b>	all
<b>Eligible Entities</b>	Industry (research organisations only as subcontractors to industrial partners)
<b>Eligible Activities</b>	Industrial research and experimental development
<b>Eligible Technologies</b>	all
<b>Project Budget</b>	Min. funding 25 k€ (experimental development), 100 k€ (industrial research), max. 1M€ funding per project (cf. funding commitment)
<b>Eligible Costs</b>	Personnel + overhead. Large costs and subcontractors > 8.500 € are possible, but should be explicitly justified.
<b>Maximum Support Levels</b>	25-50% (experimental development) 50-60% (industrial research)
<b>Project Duration</b>	typ. 24 months (experimental development), 36 months (industrial research)
<b>Additional Requirements</b>	regional annex to be submitted to VLAIO for eligibility check (see contact points)