

JPI Climate and JPI Oceans 2019 Joint Call on Next Generation Climate Science in Europe for Oceans

Call Announcement

Versions:

18/02/2019: Call publication

28/02/2019: Update of FCT Funding Organisation rules (p.21-22)

27/03/2019: Update of the Proposal Form and Proposal Form Instructions (p.37 & p.43)

17/04/2019: Update of the call budget (p.11) and addition of the Icelandic Funding Organisation rules (p. 25-27)

24/04/2019: Update of topic ii) of the call scope (p.3)

Deadline for submission of proposals	14th June 2019 (13H CEST)
Indicative budget	8.6 M€
Joint Call Secretariat	Inès ALTERIO + 33 1 73 54 81 81 ines.alterio@agencerecherche.fr
Submission Web Page	https://aap.agencerecherche.fr/lay-outs/15/SIM/Pages/SIMNouveauProjet.aspx?idAAP=1364
Documents and procedures	http://www.jpi-climate.eu/ http://www.jpi-oceans.eu/

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1. Introduction

In December 2015, 195 countries adopted the UNFCCC Paris Agreement, which sets out a global action plan to limit global warming to well below 2°C. The Joint Call aims to address Article 7.7 of the Paris Agreement: *“Parties should strengthen their cooperation on enhancing action on adaptation... incl. Strengthening scientific knowledge on climate, including research, systematic observation of the climate system and early warning systems, in a manner that informs climate services and supports decision-making.”* Paris Agreement also recognised the importance of ocean for climate. Indeed, oceans play a key role in the climate system and are also affected by climate change. Uncertainties of the climate-ocean interactions and its buffered actions for heat and CO₂ absorption call for more progress on observations and modelling.

2. Scope and objectives

Europe already makes substantial contributions at a national level to the IPCC and the World Climate Research Programme. However, addressing the grand challenges of climate science requires stronger and immediate transnational action to strengthen climate knowledge and enable informed societal transformation to mitigate and adapt to climate change. This Joint Call proposes to focus on oceans and climate, using observations and Earth system models in order to address the following topics:

- i) Strengthening our understanding of climate variability and extremes resulting from the interactions with the oceans such as extratropical and tropical cyclones, and how they are affected by climate change on a range of time scales.
- ii) Improving the representation of air-sea interactions, physical and biogeochemical ocean processes in Earth System Models to better represent small-scale non-linear processes as well as water, energy and carbon cycles. Model-data analyses using innovative approaches will be welcome.
- iii) Improving estimates of climate change induced modifications of ocean physics and ocean chemistry, associated with biogeochemical cycles, including ocean acidification and carbon sequestration.

Applicants will have to clearly indicate which topic they are addressing. Proposals should address **one Topic only**. Note that some funding organisations do not support all topics.

3. Expected impacts

This joint call between JPI Climate and JPI Oceans proposes to mobilize funding organizations for transnational added values on climate sciences with a special focus on oceans and climate interactions. Only a strong collaboration and cohesion between the countries will lead to European leadership in the next IPCC assessments and science contribution required by UNFCCC, which will then trigger a new wave of Climate Services innovation for next decade. Therefore, this joint call aims at funding at least one major

project for each theme encompassing as much as possible all countries participating to the call. Focusing on oceans will shed new light on the stressors impacting on marine life and consequently on marine bio-economy. The joint call will also help inform adaptation policy by bringing key knowledge to increase resilience and adaptation measures for vulnerable areas, especially in coastal and low island areas.

4. Guidelines for Applicants

a. Submission, deadlines and time schedule

Submission

A one-step procedure will be used in this call. Relevant proposal documents (in English, see Annexes) must be submitted electronically by the Lead Project Investigator (LPI) by uploading them on the [electronic submission system](#) with the following **deadline for proposal submission**:

➤ **14th June 2019 (13H CEST)**

Proposals should strictly follow the guidelines given and use the proposal templates (see Annexes).

For technical questions regarding submission, please contact the Call Secretariat:

Inès ALTERIO: ines.alterio@agencerecherche.fr

For any question about funding organisation eligibility rules and national budgetary questions, please contact the relevant Funding Organisation Contact Point, who are listed in Annexes.

Expected timeline

- Opening Date of the Call: February 18th, 2019
- Closing date for submission of full proposals: June 14th, 2019
- Communication of final results: October 2019
- Start of projects: January 2020
- End of projects: December 2022

During the entire procedure, strict confidentiality will be maintained with respect to the identities of applicants and the contents of the proposals, except for evaluation purpose.

b. Eligibility of projects and consortia

Eligibility rules

All proposals must conform to ALL general eligibility criteria listed below:

- Proposals should address one Topic only. Furthermore, parts of a project cannot be submitted twice to a topic;
- Each consortium must be composed of eligible independent entities from a minimum of three countries involved in the Call through their Funding Organisation;
- All partners in a consortium must strictly adhere to the funding rules of the Funding Organisations which they request support from (see Funding Organisation rule annex);
- Proposals must be submitted before the deadline;
- Proposals must meet all formal criteria set for the call (submitted electronically, respect pagelimits and number/type of attachments allowed, written in English language);
- The initial project duration is up to 36 months. It may be extended subject to each Funding Organisation's specific rules and procedure;
- A researcher is allowed to be Lead Project Investigator (LPI) of only one proposal;
- The Lead Project Investigator must be eligible to be funded by one of the Funding Organisation;

Compliance with Funding Organisations eligibility criteria and rules is mandatory. If after submission, a partner or cost in a proposal nevertheless appears to be not eligible, subject to approval of the relevant Funding Organisation and the Call Board (CB), the applicant might be invited to propose a correction to the problem. Until a correction is submitted and approved by the relevant Funding Organisation and the CB, the proposal will be deemed to not include the corresponding part and evaluated accordingly.

Cooperation with other countries

As both JPI Climate and JPI Oceans intend to foster European integration at large, participation of project **partners from outside** countries other than those involved in the Joint Call is possible and encouraged **if funding is ensured by own resources**.

Additional requirements

All proposals shall demonstrate **strong European added value**. These aspects are reflected within selection criteria (see below). Applicants need to show they are aware of the state-of-the-art and indicate their state-of-play.

Applicants should also describe how information generated in the course of the project will be captured, stored and managed (c.f. [JPI Climate Guidelines on Open Knowledge](#)). Plans for long-term archiving and meta-description of data should be detailed, as should the communication and access plans. Furthermore, each of the proposals which will be funded will have to:

1. Support Green Open Access (immediate or delayed open access provided through self-archiving), or Gold Open Access (immediate open access provided by a publisher for the most important outputs). In the case of Green Open Access, partners will (as soon as possible and at the latest on publication) deposit a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication in a repository for scientific publications. In addition, partners will ensure open access to the deposited publication and bibliographic metadata.
2. Provide at the start of the project a data management plan (DMP) according to the terms and conditions communicated during the granting process. This plan should detail how the project partners will manage the research data generated and/or collected during the project, in particular addressing the following issues:
 - a. What types of data will the project generate/collect?
 - b. What standards will be used?
 - c. How will this data be exploited and/or shared/made accessible for verification and re-use? If data cannot be made available, explain why.
 - d. How will this data be curated and preserved?
 - e. How will the costs for data curation and preservation be covered?
 - f. Will the data be stored in a national data centre for example one of those participating in IOC UNESCO see https://www.iode.org/index.php?option=com_content&view=article&id=61&Itemid=103
 - g. Will the data repository be linked to the European EOSC interface ?

Furthermore, consortia shall demonstrate how they take into account sustainability principles in research: i.e. consideration of projects' climate footprint and contributions to a climate-friendly research system, e.g. in terms of (virtual) meetings, travels and energy use (c.f. [JPI Climate Guidance on climate-friendly climate research](#)).

c. Responsibilities, reporting requirements and dissemination

Each of the proposals that will be funded will be required to sign an internal consortium agreement prior to the start of the project (addressing internal organisation, IPR, settlement of disputes, etc.) and to submit periodic reports for their activities (one at mid-term and one at the end of the project) using a common template. Furthermore, they will be expected to participate in dissemination of their results both at events organized by JPI Climate and JPI Oceans and towards the general public. Costs necessary to attend these events can be included in support requests, subject to each funding organisation rules. In addition, project monitoring and reporting should be in accordance with the respective funding organisation's rules.

5. Assessment

Potential applicants are advised to take careful note of the aims and scope of the call as described above. Applicants are strongly advised to assess the relevance of their proposed research against the thematic priorities set forth in the scientific text of the call. Any project that does not correspond to thematic priorities identified will not be recommended for funding, regardless of its quality.

a. Evaluation Process

Evaluation will be made by one independent Scientific Evaluation Committee (SEC) for all 3 topics to insure overall coherence and quality. It consists of experts from the scientific community and covers the full range of topics within the scope of the Call for Proposals. At least 2 independent experts will evaluate each proposal.

b. Evaluation Criteria

Evaluation criteria for the projects are based on the evaluation standards provided by the European Commission. The relevant items and thresholds are detailed below and summarized in Table 1.

1. Relevance of the proposal

- 1.1. The proposal addresses the aim(s) of the joint transnational call as described in the topic descriptions.
- 1.2. Relevance of the proposal compared to the call text and current state of knowledge (Innovative and problem-solving potential of the project and complementarity with already existing results).
- 1.3. Added value of European trans-national co-operation.

2. Excellence

- 2.1. Scientific excellence in terms of progress of knowledge with respect to the state of the art, conceptual breakthrough including methodology.
- 2.2. Innovation level of the project and methods, and multi- and interdisciplinary approach.
- 2.3. Integration of the different disciplinary fields.
- 2.4. Inclusion of relevant societal and ethical aspects.

3. Quality of the consortium and project feasibility

- 3.1. Quality and international competitiveness of participants in the field(s) of the proposal (previous work in the field, expertise of the participants).
- 3.2. Quality and efficiency of the project management (coordination of work packages and tasks management).
- 3.3. Quality of the consortium and collaboration (well-balanced partnership; integrated partnership in work packages; broadness of consortium compared with geographical relevance; previous level of collaborative interaction between the participants).

- 3.4. Feasibility of the project – human, technical and financial resources: adequate work package structure and work plan (tasks, milestones, deliverables, matching events, calendar); adequate equipment and manpower resources; quality of the coordination plan.
- 3.5. Cost-efficiency of the project plan compared with the budget. Appropriateness and justification of the requested funding (justification of the permanent personnel resources, appropriateness of the coordination costs, justification of the temporary personnel resources (trainees, PhD students, post-doctoral researchers), evaluation of the sum for investments and equipment purchases, evaluation of the other financial items (travel, subcontracting, consumables, etc.).

4. Impact

- 4.1. Scientific impact
- 4.2. Dissemination activities and expected impact for end users:
 - strategy for knowledge transfer and for exploiting the potential of the project results
 - potential for utilisation or integration of the project results by the scientific or industrial community or society, and impact of the project in terms of knowledge acquisition
 - openness to stakeholders
- 4.3. Expected impacts in terms of capacity building
 - Mobility/training actions
 - Education initiatives/courses on new identified skills/to fill an educational gap
 - Specific initiatives (e.g. on-field training) linking human capacities and research infrastructures
- 4.4. Actions supporting jobs, including non-academic, in concerned sectors

Criteria are scored on a scale ranging from 0 to 5. The minimum threshold for fundability is set at **3 points for Criteria 3 and 4 points for all other Criteria**. Finally, the **sum of scores** (out of 20) **should be at least 15 points**.

Criteria and items	Scoring
Criteria 1 / Relevance threshold-> items:	minimum 4*
1.1. The proposal addresses the aim(s) of the joint transnational call as described in the topic descriptions.	x
1.2 Relevance of the proposal compared to the call text and current state of knowledge (Innovative and problem-solving potential of the project and complementarity with already existing results).	x
1.3 Added value of European trans-national co-operation	x
Criteria 2 / Excellence threshold-> items:	minimum 4*

2.1 Scientific excellence in terms of progress of knowledge with respect to the state of the art, conceptual breakthrough including methodology	x
2.2. Innovation level of the project and methods, and multi- and interdisciplinary approach.	x
2.3. Integration of the different disciplinary fields.	x
2.4. Inclusion of relevant societal and ethical aspects	
Criteria 3 / Quality of the consortium and project feasibility threshold-> items:	minimum 3
3.1. Competence and expertise of team and complementarities of consortium (e.g. inter-disciplinary / inclusion of all necessary expertise /expertise in managing inter- and transdisciplinary research collaborations, gender balance	x
3.2. Quality and efficiency of the project management (coordination of work packages and tasks management).	x
3.3. Quality of the consortium and collaboration (well-balanced partnership; integrated partnership in work packages; broadness of consortium compared with geographical relevance; previous level of collaborative interaction between the participants).	x
3.4. Feasibility of the project – human, technical and financial resources: adequate work package structure and work plan (tasks, milestones, deliverables, matching events, calendar); adequate equipment and manpower resources; quality of the coordination plan.	x
3.5. Cost-efficiency of the project plan compared with the budget. Appropriateness and justification of the requested funding (justification of the permanent personnel re-sources, appropriateness of the coordination costs, justification of the temporary personnel resources (trainees, PhD students, post-doctoral researchers), evaluation of the sum for investments and equipment purchases, evaluation of the other financial items (travel, subcontracting, consumables, etc.).	x
Criteria 4 / Impact threshold-> items:	minimum 4
4.1. Scientific impact	x
4.2. Dissemination activities and expected impact for end users: • strategy for knowledge transfer and for exploiting the potential of the project results. • potential for utilisation or integration of the project results by the scientific or industrial community or society, and impact of the project in terms of knowledge acquisition. • openness to stakeholders	x

4.3. Expected impacts in terms of capacity building • Mobility/training actions • Education initiatives/courses on new identified skills/to fill an educational gap • Specific initiatives (e.g. on-field training) linking human capacities and research infrastructures	x
4.4. Actions supporting jobs, including non-academic, in concerned sectors	x
Sum of 4 Scores threshold ->	minimum 15

Table 1: Relationship between topics, evaluation step and criteria items and thresholds

Scoring system

- 0** The proposal fails to address the criterion under examination or cannot be judged due to missing or incomplete information
- 1** Poor. The criterion is addressed in an inadequate manner, or there are serious inherent weaknesses.
- 2** Fair. While the proposal broadly addresses the criterion, there are significant weaknesses.
- 3** Good. The proposal addresses the criterion well, although improvements would be necessary.
- 4** Very good. The proposal addresses the criterion very well, although certain improvements are still possible.
- 5** Excellent. The proposal successfully addresses all relevant aspects of the criterion in question. Any shortcomings are minor.

Final selection will depend first on the sum of scores (up to 20), second on funding availability. In case a proposal is selected for funding, a negotiation phase will be made with the relevant organisations to take into account recommendations, including budget.

6. Funding

For this call a total amount of 8.1M€ has been provisionally reserved by the participating Funding Organisations. Indicative budgets for each organisation are given below. Each partner in a funded project will be funded by its Funding Organisation participating in the call.

Country	Funding Organisation	Indicative budget (€)	Supported topics
France	ANR	2000k€	all
Belgium	BELSPO	500k€	all
Germany	BMBF	2000k€	i) and ii)
Portugal	FCT	300 k€	all
Latvia	IZM	300k€	all
Iceland	MFRI-IMO	500k€	all
Ireland	MI	500 k€	all
Italy	MIUR	500 k€	all
Norway	RCN	2000 k€	all
TOTAL	8600k€		

7. Information and Contacts

The Call Secretariat, ensured by ANR, is responsible for organizing the procedure and for all communication with applicants.

However, for funding organisation eligibility criteria, the funding organisations' documented rules must be consulted and Funding organisation Contact Points (FCP) should be approached (both lists are available in annexes), in particular with regard to eligibility of consortium members, eligible costs and other country-specific aspects of the call. The compliance with Funding organisations' rules is mandatory, and relevant FCPs should be contacted to obtain further information if needed. Further information on the Joint Call is available on the JPI Climate and JPI Oceans websites: <http://www.jpi-climate.eu> / <http://www.jpi-oceans.eu/>

8. Definitions

- The **Call Secretariat (CS)** is the central contact point for Funding Organisations, applicants and evaluators regarding all technical and general issues of the call.
- The **Call Board (CB)** is the decision-making body and consists of one representative of each Funding Organisation.
- A **Funding Organisation** is providing cash funding to the Joint Call.

- A **Lead Principal Investigator (LPI)** is the coordinator of a proposal. The LPI has to submit the whole proposal on the submission website and is the main contact person of the proposal. A researcher is allowed to be LPI for only one proposal.
- The **Scientific Evaluation Committee (SEC)** is the expert group that will be assigned to the evaluation of submitted project proposals in the Joint Call.
- Each Funding Organisation in this Joint Call nominates a **Funding Organisation Contact Point (FCP)** to provide information on each Funding Organisation's funding rules and procedures.

9. Annexes

A. Research Funding Organisations

- Agence Nationale de la Recherche (ANR), France
- Belgian Science Policy office (BELSPO)
- Bundesministerium für Bildung und Forschung (BMBF), Germany
- Ministry of Education and Science (IZM), Latvia
- Fundação para a Ciência e a Tecnologia (FCT), Portugal
- Icelandic Marine and Freshwater Research Institute (MFRI) & Icelandic Meteorological Office (IMO), Iceland
- Marine Institute (MI), Ireland
- Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR), Italy
- Norges Forskningsråd (RCN), Norway

B. Funding Organisation Rules and Contact Points

C. Full Proposal Form

D. Full Proposal Form Instructions

B. Funding Organisation Rules and Contact Points

Country: FRANCE



Funding Organisation:

Agence Nationale de la Recherche

Who is addressed by this information?

This document contains information on specific requirements for Partners applying for ANR funding. Please note that it is mandatory to follow the requirements described below. To make sure that all requirements are met, it is strongly advised to contact your respective funding organisation contact point.

IMPORTANT INFORMATION: Provided below is a brief summary of the ANR guidelines for this call. You should consult all details in the annexes available the page of the call on the ANR web-site (including the document called “**Modalités de participation pour les participants français**”) and the regulations concerning the conditions of allocation of ANR funding which can be downloaded here (“**Règlement Financier Applicable**”: <http://www.agence-nationale-recherche.fr/RF>)

For any help, you can also consult the “fiches pratiques” here: <http://www.agence-nationale-recherche.fr/financer-votre-projet/reglement-financier/>

CONTACT

Funding Organisation	Agence Nationale de la Recherche (ANR), http://www.agence-nationale-recherche.fr/
Contribution to the Call	2,000,000.00€
Link to the page of the call	http://www.agence-nationale-recherche.fr/financer-votre-projet/appels-ouverts/ . Click on the link of the JPI Climate and Oceans Joint Call.
Funding Organisation Contact Point(s)	Inès ALTERIO, Scientific project manager, +33 1 73 54 81 81, ines.alterio@agencerecherche.fr

ELIGIBILITY

Eligible Institutions/Persons (incl. industry and funding rates)	<ul style="list-style-type: none"> - The consortium must include at least one French partner in the research organization category (such as university, EPST – Scientific or Technical Public Institution, EPIC – Industrial or Commercial Public Institution). - ANR may finance Partners that have their primary establishment in France and/or Partners established in the EU and that can prove that they have a secondary establishment in France
Eligible topics	All
Additional specific rules	<p>Please read very carefully the document called “Modalités de participation pour les participants français” http://www.agence-nationale-recherche.fr/financer-votre-projet/ap-pels-ouverts/ . Click on the link JPI Climate and Oceans Joint Call)</p>

BUDGET

Minimum and/or maximum requested budget per Partner and/or per Project	<ul style="list-style-type: none"> - Up to 250,000€ per project - Up to 350,000€ per project in case a French partner coordinates the project - Min. of 15,000€ per partner
Eligible Personnel costs (permanent/temporary)	<p>Costs for permanent personnel are not eligible for public research organizations. Please read paragraph 3.1.1.a) of the conditions of allocation of ANR funding which can be consulted on the ANR website (http://www.agence-nationale-recherche.fr/RF)</p>
Should any other costs/expenses be excluded?	<p>All regulations concerning the conditions of allocation of ANR funding can be consulted on the ANR website (http://www.agence-nationale-recherche.fr/RF , read paragraph 3.1.1 for the eligibility of costs. For overheads, see part 3.1.1.e)</p>

Country: Belgium

Funding Organisation:

Belgian Science Policy Office (BELSPO)



Who is addressed by this information?

This document contains information on specific requirements for Partners applying for BELSPO funding. Please note that it is mandatory to follow the requirements described below. To make sure that all requirements are met, it is strongly advised to contact your respective funding organisation contact point.

CONTACT

Funding Organisation	Belgian Science Policy Office (BELSPO) www.belspo.be
Contribution to the Call	500.000 €
Link to the page of the call	call page will be under the section calls: https://www.belspo.be/belspo/organisation/call_en.stm
Funding Organisation Contact Point(s)	David Cox BELSPO Programme manager +32 2 238 34 03 david.cox@belspo.be Martine Vanderstraeten BELSPO Programme manager +32 2 238 36 10 martine.vanderstraeten@belspo.be

ELIGIBILITY

Eligible Institutions/Persons (incl. industry and funding rates)	<p>The eligible partners are the Belgian university institutions, university colleges, public scientific institutions and non-profit research centres belonging to the list below:</p> <p>http://www.belspo.be/belspo/fisc/wi_list_nl.stm (Dutch)</p> <p>http://www.belspo.be/belspo/fisc/wi_list_fr.stm (French)</p> <p>The private sector and international research organisations based in Belgium are not eligible.</p>
Eligible topics	all
Additional specific rules	-

BUDGET

Minimum and/or maximum requested budget per Partner and/or per Project	<p>The maximum amount that a Belgian partner can request is 250 000 EURO. In case there is more than one Belgian partner in a consortium than this amount should be shared among the Belgian partners.</p>
Eligible Personnel costs (permanent/temporary)	both
Should any other costs/expenses be excluded?	<p>The staff costs are limited to a maximum amount of:</p> <ul style="list-style-type: none"> • 66.000 €/year for a scientist with a Master's degree (regardless of years of experience) • 90.000 €/year for a scientist with a PhD (regardless of years of experience) • 50.000 €/year for a technician (regardless of years of experience) <p>Those amounts are not applicable to persons that are identified by name in the proposal.</p>

	<p>Equipment needs to be purchased in the first half of the project.</p> <p>Overheads The total amount of overheads may not exceed 5% of the total personnel and operating costs (= travel + consumables).</p> <p>Subcontracting Expenses incurred by a third party to carry out tasks or provide services that require special scientific or technical competences outside the institution's normal area of activity. The amount may not exceed 25% of the total budget allocated to the concerned Belgian partner.</p>
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Country: Germany

Funding Organisation: BMBF



Who is addressed by this information?

This document contains information on specific requirements for Partners applying for BMBF funding. Please note that it is mandatory to follow the requirements described below. To make sure that all requirements are met it is strongly advised to contact your respective funding organisation contact point.

CONTACT

Funding Organisation	Federal Ministry of Education and Research (BMBF); www.bmbf.de
Contribution to the Call	2 000 000 €
Link to the page of the call	www.fona.de
Funding Organisation Contact Point(s)	Dr. Armin Mathes, DLR Project Management Agency (on behalf of BMBF), phone: +49 228 3821 1541; email: armin.mathes@dlr.de

ELIGIBILITY

Eligible Institutions/Persons <i>(incl. industry and funding rates)</i>	German-based commercial companies, institutions of higher education, and non-university research establishments
Eligible topics	Topics i) and ii) only
Additional specific rules	The organisation will not fund proposals addressing topic iii)

BUDGET

Minimum and/or maximum requested budget per Partner and/or per Project	-
Eligible Personnel costs (permanent/temporary)	-

Should any other costs/expenses be excluded?	Applicants can apply for costs only which are defined as eligible in German-specific application forms (Anträge auf Ausgabenbasis AZA / Anträge auf Kostenbasis AZK)
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Country: *Portugal*

FCT Fundação para a Ciência e a Tecnologia

MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR

Funding Organisation: *FCT*

– Fundação para a Ciência e Tecnologia

Who is addressed by this information?

This document contains information on specific requirements for Partners applying for **FCT** funding. Please note that it is mandatory to follow the requirements described below. To make sure that all requirements are met and to receive latest information, please contact your respective funding organisation contact point.

IMPORTANT INFORMATION: It is mandatory to submit a specific national declaration (*Declaração de compromisso*) 10 days after the deadline – for more information contact FCT.

CONTACT

Funding Organisation	FCT - Fundação para a Ciência e Tecnologia – www.fct.pt
Contribution to the Call	300.000 EUR (maximum 100.000 EUR per project; maximum of two national teams per project)
Link to the page of the call	https://www.fct.pt/apoios/cooptrans/jpi/oceans/index.phtml.en
Funding Organisation Contact Point(s)	Marta Norton, Scientific officer E-mail: marta.norton@fct.pt Phone: 00 351 213911565

ELIGIBILITY

Eligible Institutions/Persons (incl. industry and funding rates)	All research organizations. Enterprises are funded up to 50%
Eligible topics	All topics will be supported
Additional specific rules	<i>Consult projects funding regulations at:</i> https://www.fct.pt/apoios/projectos/regulamentofundossnacionais.phtml.pt

BUDGET

Minimum and/or maximum requested budget per Partner and/or per Project	Maximum requested budget per project: 100.000 EUR Maximum two national teams involved in a project.
Eligible Personnel costs (permanent/temporary)	<i>Consult national projects funding regulations:</i> https://www.fct.pt/apoios/projectos/regulamentofundossnacionais.phtml.pt
Should any other costs/expenses be excluded?	

Further comments: it is highly recommended to contact FCT before submitting your application. E-mail: marta.norton@fct.pt; phone: 00 351 213911565

Country: Latvia

Funding Organisation: IZM



Who is addressed by this information?

This document contains information on specific requirements for Partners applying for IZM funding. Please note that it is mandatory to follow the requirements described below. To make sure that all requirements are met it is strongly advised to contact your respective funding organisation contact point.

CONTACT

Funding Organisation	Ministry of Education and Science
Contribution to the Call	€300 000
Link to the page of the call	-
Funding Organisation Contact Point(s)	Kaspars Karolis, Senior expert, +37167047996, Kaspars.karolis@izm.gov.lv

ELIGIBILITY

Eligible Institutions/Persons <i>(incl. industry and funding rates)</i>	<p>€210,000 for partners, €300,000 for coordinators – Max. LV Total budget requested by ALL Latvian partners within the one proposal:€300,000</p> <p>R&D institutions (research institutes, universities, higher education establishments, research centres etc.) that are listed in the Registry of Research Institutions operated by the Ministry of Education and Science of the Republic of Latvia.</p> <p>Any other type of participants can participate on their own costs and are not covered by the Ministry</p>
Eligible topics	All

Additional specific rules	Economic activity cannot be conducted
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BUDGET

Minimum and/or maximum requested budget per Partner and/or per Project	The maximum amount that a Latvian partner can request is 70 000 EURO per year or coordinator 100 000 per year. In case of two Latvian partners in a consortium, the maximum total funding available for a project is 100 000 EUR/year.
Eligible Personnel costs (permanent/temporary)	<p>Personnel costs (researchers, technicians and other supporting staff to the extent employed on the research project) and relevant personnel taxes.</p> <p>Other direct costs such as consumables, equipment (only depreciation costs), materials, reagents.</p> <p>Travels and allowances according to travel plan</p> <p>Indirect costs can reach a maximum of 25% of the total direct costs</p> <p>The activities must correspond to “research” according to Latvian Law on Scientific Activity.</p> <p>Subcontracting:</p> <p>Expenses incurred by a third party to carry out tasks or provide services that require special scientific or technical competences outside the institution’s normal area of activity. The amount may not exceed 20% of the total direct costs allocated to the Latvian partner.</p>
Should any other costs/expenses be excluded?	Any costs related to economic activity cannot be reimbursed.

Country: Iceland

Funding Organisations: Icelandic Marine and Freshwater Research Institute (MFRI) and the Icelandic Meteorological Office (IMO)



Who is addressed by this information?

This document contains information on specific requirements for Partners applying for MFRI and IMO funding. Please note that it is mandatory to follow the requirements described below. To make sure that all requirements are met, it is strongly advised to contact your respective funding organisation contact point.

CONTACT

Funding Organisations	<p>The funding of this call is a joint venture of the Icelandic Marine and Freshwater Research Institute (hereafter MFRI) and the Icelandic Meteorological Office (hereafter IMO).</p> <p>Marine and Freshwater Research Institute (MFRI) is a government institute under the auspices of the Ministry of Industries and Innovation. Further information about MFRI can be found here www.mfri.is</p> <p>The Icelandic Meteorological Office (IMO) is a governmental institution under the Ministry of the Environment and Natural Resources. . Further information about IMO can be found here www.vedur.is</p>
Contribution to the Call	500,000 €

Link to the page of the call	
Funding Organisation Contact Point(s)	Sóley Morthens Research and Development Director Marine and Freshwater Research Institute - MFRI Skúlagata 4, IS-101 Reykjavík Tel: + 354 575 2000 / Mobile: + 354 8636368 soley.morthens@hafogvatn.is

ELIGIBILITY

Eligible Institutions/Persons <i>(incl. industry and funding rates)</i>	National funding regulations for this call will be in accordance with Icelandic Research Fund funding regulations for project grant with the exception that only eligible to participate in the call are researchers with an address at, or Letter of Support (LoS) from the MFRI and IMO. The Icelandic element of any proposal will comprise of cash or in-kind (i.e. non-cash) research commitment, in line with the description of the MoU and its annexes. It is expected that applications to this call will be part of a consortium as defined in the call document.
Eligible topics	all
Additional specific rules	If regulations for the Icelandic Research Fund funding for project grant will be changed as a result of new Icelandic parliament laws, the new regulations will override previous regulations.

BUDGET

Minimum and/or maximum requested budget per Partner and/or per Project	Maximum requested budget per partner: 250 k€
Eligible Personnel costs (permanent/temporary)	
Should any other costs/expenses be excluded?	

Further comments

In case the Icelandic Research fund will be able to take over the commitments of the MFRI and IMO, it will take over all abovementioned responsibilities and obligations. The transfer shall not affect the rights of Icelandic applicants in the call or, at later stages, funded projects within the call.

Further information about the rules of the Icelandic research fund can be obtained here https://www.rannis.is/media/rannsoknasjodur/irf-handbook-2019_v4.pdf

Country: Ireland

Funding Organisation: Marine Institute (MI)



Who is addressed by this information?

This document contains information on specific requirements for Partners applying for MI funding. Please note that it is mandatory to follow the requirements described below. To make sure that all requirements are met it is strongly advised to contact your respective funding organisation contact point.

CONTACT

Funding Organisation	Marine Institute
Contribution to the Call	500,000 Euro
Link to the page of the call	https://www.marine.ie/Home/site-area/research-funding/research-funding/current-funding-opportunities
Funding Organisation Contact Point(s)	Veronica.Cunningham@marine.ie or funding@marine.ie

ELIGIBILITY

Eligible Institutions/Persons (incl. industry and funding rates)	<p>Legal entities in the Republic of Ireland with the appropriate scientific and technical qualifications and expertise can be funded as partners in a joint proposal.</p> <p>The eligible partners are Higher Education Institutions, Other Public Research Bodies, Industry and Private Organisations in the Republic of Ireland.</p> <p>Any proposal involving an industry partner from Ireland must also have an Irish partner from a Public Research Body.</p>
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	<p>The maximum Grant-Aid reimbursement for Industry is 50% for Large Scale Enterprises and 75% for Small-Medium Sized Enterprises of eligible costs.</p> <p>Grant-Aid reimbursement for Higher Education Institutions and Other Public Research Bodies is up to 100% of eligible costs.</p>
Eligible topics	All topics
Additional specific rules	Max three Irish partners per project

BUDGET

Minimum and/or maximum requested budget per Partner and/or per Project	<p>200,000 Euro maximum per partner</p> <p>300,000 Euro maximum for Irish HEI/PRB as consortium leader</p> <p>500,000 Euro maximum per project</p>
Eligible Personnel costs (permanent/temporary)	<p>Eligible staff costs include gross salary and employer's PRSI (pay-related social insurance) and employer's pension costs (max 20% of gross salary). Temporary or contract research staff are eligible for Higher Education Institutions and Other Public Research Bodies, but staff costs for permanent staff are not. Both temporary and permanent staff costs are eligible for Industry partners.</p> <p>Master and PhD student costs (stipend and college fees) are also eligible costs.</p> <p>Masters and PhD must be registered, on a full-time basis, for a higher degree at an eligible Higher Education Institute. Student stipend rates should be based on the Irish Research Council rate (or equivalent).</p>
Should any other costs/expenses be excluded?	<p>Personal computer and laptops purchased for staff are not allowable direct costs, as deemed to be part of the overheads.</p>

Further comments

Overheads - Maximum overheads allowed is 30% of all costs excluding Equipment and Subcontracting.

Travel and Consumables - Project-related travel and consumables are allowable costs e.g. travel and subsistence for project fieldwork and meetings, workshops, conferences, laboratory supplies, computer supplies, software, etc.

Equipment - The purchase and installation of small-scale scientific equipment and instruments for the project is allowable. Depreciated cost reimbursed will be either 36 or 60 months.

Subcontractor Costs – Subcontracting to a third party for specialist resources/skills is allowable, subject to normal procurement guidelines. Subcontracting costs are limited to 20% maximum.

Contact

Veronica Cunningham, Research Funding Office

Marine Institute, Rinville, Oranmore, Co. Galway H91 R673, Ireland

Tel: +353 (0)91 387532

Email: veronica.cunningham@marine.ie



Country: ITALY

Funding Organisation: MIUR

Who is addressed by this information?

This document contains information on specific requirements for Partners applying for MIUR funding. Please note that it is mandatory to follow the requirements described below. To make sure that all requirements are met it is strongly advised to contact your respective funding organisation contact point.

IMPORTANT INFORMATION:

CONTACT

Funding Organisation	MIUR Ministero dell'istruzione dell'università e della ricerca Via Michele Carcani, 61 – 00153 Roma http://www.miur.gov.it www.ricercainternazionale.miur.it
Contribution to the Call	500.000 €
Link to the page of the call	http://www.ricercainternazionale.miur.it/era/programmazione-congiunta/jpi-oceans.aspx http://www.ricercainternazionale.miur.it/era/programmazione-congiunta/jpi-climate.aspx
Funding Organisation Contact Point(s)	Dr Mauro Bertelletti +39 0658497902 mauro.bertelletti@miur.it
	Dr Aldo Covello +30 06 58496465 aldo.covello@miur.it

ELIGIBILITY

Eligible Institutions/Persons	According to art. 60 of the Decree-Law n. 83/2012 and art. 5 of its implementing Ministerial decree 593/2016, the following entities are eligible, providing that they
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<i>(incl. industry and funding rates)</i>	have stable organization in Italy: enterprises, universities, research institutions, research organizations in accordance with EU Reg. n. 651/2014 of the European Commission - June 17, 2014. Eligible participants must have a stable organization in Italy. (for funding rates see the table below)
Eligible topics	all
Additional specific rules	see below

BUDGET

Minimum and/or maximum requested budget per Partner and/or per Project	A maximum grant of 150.000 Euro can be awarded to each project proposal, even if it includes more than one Italian participant.
Eligible Personnel costs (permanent/temporary)	-----
Should any other costs/expenses be excluded?	-----

Funding Criteria and Regulations

Name of & link to the funding programme(s) and other relevant information

FIRST (Fondo per gli Investimenti nella Ricerca Scientifica e Tecnologica) and IGRUE account for the EU cofunding.

Applicable laws and rules

- Decreto legge n. 83/2012;
- Decreto Ministeriale n. 593 del 26 luglio 2016;
- Linee guida al DM del 26 luglio 2016 n. 593
- Procedure operative per il finanziamento dei progetti internazionali ex art. 18 D.M. n. 593 del 26 luglio 2016

Eligible participants

1) Type/nature of participants

According to art. 60 of the Decree-Law n. 83/2012 and art. 5 of its implementing Ministerial decree 593/2016, the following entities are eligible, providing that they have stable organization in Italy: enterprises, universities, research institutions, research organizations in accordance with EU Reg. n. 651/2014 of the European Commission - June 17, 2014. Eligible participants must have a stable organization in Italy.

2) Legal/administrative/financial conditions

The participant must not be defaulting with regard to other funding received by MIUR.

The participant must not have requested/got any other funding for the same research activities.

The participant must respect the Italian law "D.Lgs. n 159 del 6/09/2011 e successive modificazioni ed integrazioni".

The participant must not be subject to bankruptcy proceedings as of art. 5, comma 4, letter b) of DM 593/2016 or must not be a company in difficulty according to the definition under number 18) of article 2 "Definitions" of Regulation (EU) no. 651/2014.

The participant must be in compliance with the obligations laid down in the contributory and social security regulations (DURC).

The judicial and pending records of the legal representative of the participant are negative

3) *Financial conditions*

For any participant, with the exception of public universities and public research institutions (Enti pubblici di ricerca), the following financial criteria, calculated using the data reported in the last approved balance sheet, must be fulfilled:

$$CN > (CP - I)/2$$

Where:

- CN = net assets (Capitale netto)
- CP = sum of the costs of all the projects for which public funding has been requested by the participant during the year
- I = sum of the contributions received, approved or requested for the same projects

$$OF/F < 8\%$$

Where:

- OF = financial charges (Oneri finanziari)
- F = turnover (Fatturato)

Institutional eligibility criteria

A maximum of two Italian participants per project proposal, requesting funding to MIUR, is admitted.

A Principal Investigator can participate (either as coordinator or as partner) in only one project proposal, requesting funding to MIUR.

Min. project duration: 24 months

Max. project duration: 36 months

Budget of the call and Maximum funding per project

The national budget committed by MIUR for this call is € 500.000 as grant.

A maximum grant of 150.000 Euro can be awarded to each project proposal, even if it includes more than one Italian participant.

Eligible costs

All activities classifiable as Basic research, Industrial research and Experimental development are eligible for funding.

Furthermore, Basic research and Industrial research activities must be predominant with respect to Experimental development (in terms of costs)

All costs incurred during the lifetime of the project under the following categories are eligible: Personnel, Equipment, Subcontracting, Consumables, and Overheads. Overheads (spese generali) shall be calculated as a percentage of the personnel costs and cannot be higher than 50% of them. Travel expenses, dissemination and coordination costs are to be included in the overheads.

Funding rates

The amount of funding which can be granted to each beneficiary is calculated multiplying the eligible costs for the funding rate listed in the following table.

Activity typology \ Applicant typology		Funding Rates			
		Enterprises and private research bodies (which meets the requirements of re- search organization under EU Reg. no. 651/2014 of the Commission - June 17, 2014)			Universities, public research institutions, research organiza- tions (public and pri- vate) in accordance with Reg. EU n. 651/2014 of the Commission - June 17, 2014)
		Small Enter- prises	Me- dium Enter- prises	Big En- ter- prises	
Basic Re- search	grant	40%	30%	20%	70%
Indus- trial Re- search	grant	40%	30%	20%	50%
Experi- mental Research	grant	30%	20%	10%	25%

On request of applicants a pre-payment may be done, equal to:

- 80% of the total contribution for public entities;
- 50% of the total contribution for private entities.

The remaining part of contribute will be paid in instalments after each financial and progress reporting period.

Submission of the proposal at national level

In addition to the project proposal, which shall be submitted at European level, the Italian participants are requested to submit further documentation to MIUR, through the national web platform, available at the following link:

<http://banditransnazionali-miur.cineca.it>

These national additional documents must be submitted by the same deadline established for the pre-proposal phase submission as defined in the JPI Oceans / JPI Climate international joint call.

Any participant who does not submit its national documents by the deadline of the pre-proposal JPI Oceans/JPI Climate, will be considered not eligible for funding.

MIUR will require to all Italian participants admitted for funding a signed Consortium agreement among all project participants.

Other information

It is strongly recommended to contact the National Contact Persons already in early stage of project preparation.

The admission for funding is subject to the adoption of the necessary accounting and administrative measures for the allocation of the resources.

Funded participants will be requested to submit financial and scientific reports to MIUR.

Country: Norway

Funding Organisation:



The Research Council of Norway

Who is addressed by this information?

This document contains information on specific requirements for Partners applying for RCN funding. Please note that it is mandatory to follow the requirements described below. To make sure that all requirements are met it is strongly advised to contact your respective funding organisation contact point.

CONTACT

Funding Organisation	The Research Council of Norway (RCN), forskningssradet.no
Contribution to the Call	2 million €
Link to the page of the call	
Funding Organisation Contact Point(s)	Marie Eide, Adviser, The Research Council of Norway, +47 47237097, mei@rcn.no

ELIGIBILITY

Eligible Institutions/Persons (incl. industry and funding rates)	Applications will be accepted from Norwegian research institutions. Please see definition and list of approved organisations
Eligible topics	All three
Additional specific rules	The RCN will accept applications for Researcher Projects. Please see eligibility criteria regarding Researcher Projects .

BUDGET

Minimum and/or maximum requested budget per Partner and/or per Project	The RCN will fund up to 650 k€ per proposal. In addition, the RCN may fund up to 100 k€ per proposal with a lead project investigator from a Norwegian institution. The RCN will fund Norwegian participation up to a maximum of 60% of the total requested budget of the proposal.
Eligible Personnel costs (permanent/temporary)	Ordinary guidelines for RCN Researcher Projects apply
Should any other costs/expenses be excluded?	Ordinary guidelines for RCN Researcher Projects apply

Further comments:

Notice: Depending on all conditions of eligibility and peer review being met, the budget earmarked by the RCN for this call will be up to 2 million EURO according to exchange rates at the time of decision of funding by the KLIMAFORSK and MARINFORSK Programme Boards¹.

The official national call announcement for Norway has been published on the RCN's website. Details of the call and the application process are provided via the submission website. Applicants are advised to contact the Norwegian Funding Organisation Contact Point before starting to prepare proposals for application.

Eligibility and national funding modalities: Under this call, the RCN will accept applications for Researcher Projects. Please see the RCN's website for eligibility criteria regarding [Researcher Projects](#). Applications will be accepted from Norwegian research institutions. Please see [definition and list of approved organisations](#).

The RCN welcomes research proposals within all three research topics of this call. Special emphasis will be placed on the proposals that fit within the [KLIMAFORSK](#) or [MARINFORSK](#) program plans.

Eligible cost items: Ordinary guidelines for RCN Researcher Projects apply, and may include: "*Relevant project expenses such as payroll expenses, one or more grants/fellowships, procurement of R&D services, network measures, depreciation of equipment used under the project.*" Please see the [RCN webpage](#).

Further specific requirements: The RCN will fund up to 650,000 Euro per proposal (according to the exchange rate specified). In addition, the RCN may fund up to 100,000 Euro per proposal with a lead

¹ The exchange rate at the date of the KLIMAFORSK Programme Board decision: December 13 with a 9.7388 NOK/EUR exchange rate following the European Central Bank.

project investigator from a Norwegian research institution. Please note that the RCN will fund Norwegian participation up to a maximum of 60% of the total requested budget for the proposal.

Two or more Norwegian legal entities that participate in the same proposal are encouraged to align as one Norwegian partner.

Applications to this call are expected to be for Collaborative Research Grants with a consortium composition as defined in the call document. The RCN will fund the Norwegian partners of any successful trans-national collaboration.

C. Full Proposal Form

PROPOSAL APPLICATION FORM

This template is an indicative model of the information to fill in and upload online on the electronic submission service: <https://aap.agencerecherche.fr/lay-outs/15/SIM/Pages/SIMNouveauProjet.aspx?idAAP=1364>

Please read the proposal instructions and the user guidelines for the submission platform when preparing your proposal

1. Project title
2. Project acronym (max. 30 characters)
3. Topic
4. Duration
DD/MM/YYYY - DD/MM/YYYY (_Months)
5. Publishable abstract (Maximum 2000 characters; includes spaces)
6. Key words (at least 3 and up to 10)

7. Project Investigators

Please make sure to respect the eligibility rules of the call.

Please also consult funding organisations' rules advertised on the call website, which are compulsory. For further help, please contact your Funding organisation Contact Point (contact list available on the call website).

<i>Lead Project Investigator – Partner 1</i>			
<i>Researcher in charge</i>			
<i>Family name</i>		<i>First name</i>	
<i>Title</i>		<i>Gender</i>	
<i>Phone</i>		<i>E-mail</i>	
<i>Web site</i>			

Name of Organization / University / Research Institute		
Category		
Country		
Funding Organisation		
Role in the consortium		
Team members involved in the project (when the Partner is an institution, a laboratory, a department)		
Team member 1 : Family name, First name, gender, title, phone, email		
Team member 2 : Family name, First name, gender, title, phone, email		
...		
Team member N : Family name, First name, gender, title, phone, email		

<i>Project Investigator – Partner 2</i>			
<i>Researcher in charge</i>			
<i>Family name</i>		<i>First name</i>	
<i>Title</i>		<i>Gender</i>	
<i>Phone</i>		<i>E-mail</i>	
Web site			
Name of Organization / University / Research Institute			
Category			
Country			
Funding Organisation			
Role in the consortium			
Team members involved in the project (when the Partner is an institution, a laboratory, a department)			
Team member 1 : Family name, First name, gender, title, phone, email			
Team member 2 : Family name, First name, gender, title, phone, email			
...			
Team member N : Family name, First name, gender, title, phone, email			

Please insert as many copies of the above table as necessary for other Partners

8. Executive Summary

9. Project description

Instructions: Parts 9 or 10 should include:

- A short description of the hypothesis, theories and/or main research questions, and explanation of the novelty of the research planned
- Scientific objectives with detailed account of their relationship to the themes of the call and to ongoing relevant projects. Organise the objectives into a list so that each objective is accurately defined and quantified.
- Work plan and division of work packages (WP) between the Partners and statements of responsible WP and task leaders, with approach to ensure good coordination of the project
- Relevance for the identified policy application, importance of the research for solving pressing concerns and/or issues related to climate change
- Proposed exploitation of project results
- Knowledge transfer, communication of results to practitioners, policy- and decision-makers
- European added value of the proposed research

Below there is also a suggested table to be used for WP, milestone and deliverable description.

Work packages (WP)		
No. of WP	Responsible Partner	Title
1		
2		
3		
N		

(Use as many lines as needed)

No. of WP	Partner 1	Partner 2	Partner 3	Partner N
1				
2				
3				
N				

(Expand this table [rows, columns] as required)

Deliverables		
No.	Title	Delivery date ¹⁾
1		
2		
3		
4		
5		
N		

(Use as many lines as needed)

1) Indicate month number from the start of the project, e.g. month 12, month 24...

Milestones		
No.	Title	Date ¹⁾
1		
2		
3		
4		
5		
N		

(Use as many lines as needed)

1) Indicate month number from the start of the project, e.g. month 12, month 24...

9.A. Detailed description of the research area and research plan

9.B. Impact and dissemination plan

10. Project management

11. References cited

12. Funding justification

13. External Funding from other sources (including current and pending support)

14. Suggestion of potential reviewers

15. Exclusion of potential reviewers

16. Funding plan

Funding plan (in K€)¹

Total Requested Funding for Proposal: K€

Leading Project Investigator- Partner 1		
		Totals
Permanent Position	Time dedicated to this project (# months)	months
	Salaries	K€
Non permanent position with funding requested	Time dedicated to this project (# months)	months
	Salaries	K€
Travels		K€
Overheads		K€
Consumables		K€
Equipment		K€
Sub-contract		K€
Total		K€
External funding / support		K€

Project Investigator- Partner 2		
		Totals
Permanent Position	Time dedicated to this project (# months)	months
	Salaries	K€
Non permanent position with funding requested	Time dedicated to this project (# months)	months
	Salaries	K€
Travels		K€
Overheads		K€
Consumables		K€

Equipment	K€
Sub-contract	K€
Total budget	K€
External funding / support	K€

Add more Partner-Boxes if required

17. CVs

18. Support letters

D. Full Proposal Form Instructions

Proposals in this call must be submitted electronically, using the electronic submission service accessible from the call page: <https://aap.agencerecherche.fr/lay-outs/15/SIM/Pages/SIMNouveauProjet.aspx?idAAP=1364>

Parts 1 to 7 and 15 should be filled in directly on the platform

*Parts 8 to 14 constitute the **scientific document** which should be uploaded on the platform as a pdf document.*

For Part 16, please use the financial data excel file and upload it as an annex

Parts 17 and 18 should be uploaded as annexes

Please read the user guidelines for the submission platform for detailed instructions

General guidance for all applicants:

- the proposal must be written in English
- PDF documents must be written in Times New Roman, Arial or similar, at least font size 11, margins (2.0cm side and 1.5cm top and bottom), single line spacing, pages numbering
- the different sections of the application should not exceed the prescribed maximum number of characters. Pages / Characters (including spaces) beyond the limit will be removed
- non-text descriptions such as **graphic chart, diagrams, figures, etc., can be presented only in the two sections, 9 (Project description) and 10 (Project Management)** and should be uploaded into the system in a PDF format
- any documents other than those requested as part of the proposal **will not be forwarded** to the Scientific Expert Committee (SEC)

1. Project title

Indicate the title of the Project.

2. Project acronym (max. 30 characters)

Choose a short acronym for your proposal.

3. Selected topic

Projects should address only one the following topics:

- i) Strengthening our understanding of climate variability and extremes resulting from the interactions with the oceans such as extratropical and tropical cyclones, and how they are affected by climate change on a range of time scales,
- ii) Improving the representation of air-sea interactions and physical ocean processes in Earth System Models to better represent small-scale non-linear processes as well as water and energy cycles. Model-data analyses using innovative approaches will be welcome.

iii) Improving estimates of climate change induced modifications of ocean physics and ocean chemistry, associated with biogeochemical cycles, including ocean acidification and carbon sequestration.

4. Duration

Indicate the duration of the project and anticipated start date. The maximum duration is 3 years.

5. Publishable abstract (Maximum 2000 characters; including spaces; to be suitable for public release)

Provide a summary describing the proposed research program and expected impact in plain language suitable for general audience.

This summary will be published if the proposal is selected.

6. Key words

Give at least three and up to ten keywords that represent the scientific content of your proposal. These will be used to assist in identifying reviewers.

7. Project investigators

The Project Investigator, one per participating institution, is an individual who assembles a team to carry out a project under his/her scientific guidance. The lead PI (LPI) is the PI that coordinates the project. A person is not allowed to be LPI in several proposals.

Provide detailed information on each Leading and Partner PI, including institution and contact details.

Note that “category” means: Public Laboratory, Research Foundation Organisation, Other Public Entity, Very Small Enterprises, SMEs, Other Enterprises than Very Small Enterprises or SMEs, Other Private Entity, or Association. Please check the relevant Funding Organisation Annex for eligibility requirements and any limits on the number of official Partner PIs.

Details of personnel who are not listed as a Leading / Partner PI but will work on the project should be provided here (including what their role is in the consortium and what proportion of their time will be given over to this role). Such personnel might include those to be sub-contracted or other individuals within the Leading / Partner PIs institution, department, etc. The Leading / Partner PI should check the policies and guidelines of the relevant Research Funding Organisation.

8. Executive summary (Maximum 1 page)

Give an overarching summary of the goals of the research project, with particular reference to the scientific quality of the consortium and of the proposed research, and the innovativeness of the approach. Describe the added value to be expected from the international collaboration with reference to the competence and expertise of the team and the complementarities of the consortium.

9A. Project description (Maximum 10 pages)

Graphics can be included in this section.

Describe the research plan of your consortium, including the goals and objectives, in no more than 10 pages.

Give a detailed description and the approach and methodology chosen to achieve the objectives. Highlight the particular advantages of the methodology chosen; quantify the expected project result(s).

Break down the research program into individual tasks, showing the interrelationship between the tasks. Explain why there is synergy between different tasks of the project and how this is going to be exploited.

Added-value – In instances where the proposed work builds on previous activities, describe how this collaborative proposal will complement or build on previous activities as well as the incremental value of the proposed work.

9B. Impact and dissemination plan (Maximum 5 pages)

Describe the relevance of your project for policy application and the importance of the research for solving pressing issues related to climate change.

Detail the proposed exploitation of results by, -and knowledge transfer to- practitioners and policy- and decision-makers.

Describe how information generated in the course of the project will be captured, stored and managed. Also explain any plans for longer-term archiving and for the release of data to the wider scientific and user community. The application will be expected to demonstrate the necessary resourcing to achieve these aims.

Describe how the consortium will deal with the dissemination, publication, and, protection of results generated in the project. Notably: the access rights for academic and/or private research purposes to the research results, the delay before research results to be publicly available.

It is expected that arrangements will be made for timely release of information and resources from publicly funded research projects.

10. Project Management (Maximum 5 pages)

Graphics can be included in this section.

Describe how the overall coordination, monitoring and control of the project will be implemented. Outline the management processes foreseen in the project (decision boards, coordination meetings, etc) and clearly indicate the distribution of tasks among the consortium members. It is recommended that milestones be presented in a detailed diagram (e.g. PERT or Gantt charts) providing the time schedule of the tasks and marking their interrelationships; add when decisions on further approaches will have to be made; indicate a critical path marking those events which directly influence the overall time schedule in case of delays. Explain how information flow and communication will be managed

and enhanced within the project (e.g. collaboration and task meetings, exchange of scientists, dissemination of results and engagement with stakeholders).

Please include a brief mention of the mid-term and end-of-term meetings and how your proposal will interact with these over-arching activities, particularly in terms of timing and individual milestones.

Risk management: Indicate where there are risks of not achieving the objectives and describe potential solutions, if appropriate.

NOTE for funded proposals: a Consortium Agreement (including Intellectual Property Rights) must be signed among the partners of a research consortium. The consortium agreement must be signed and submitted prior to the start of the project. The signatures must be provided in accordance with each country's funding organisation procedures.

It is the LPI's responsibility to ensure that this agreement clearly specifies:

- the distribution of the tasks, human and financial resources and deliverables
- the sharing of the intellectual property rights linked to findings obtained within the framework of the project
- the project start and end dates
- the conditions of publication / dissemination of the results; and
- the application and transfer of project findings

11. References Cited

Please list the references that were cited in the proposal.

12. Funding justification

In this section, a summary of the total funding requested from this call together with that from external sources should be included. Applicants should provide clear evidence of how the funds requested will be used to fulfill the activities of each partner and a clear justification that the requested funds together with any funds / support provided by external sources, are sufficient to achieve the work proposed².

In addition to the summary, some Research Funding Organisations require a detailed budget specification according to national funding rules. For the appropriate forms and any other questions you should contact or refer to the website of your Funding Organisation Contact Point (see the annexes on the call website).

² In relation to the 'Travel Expenses' requested to attend the kick-off, mid-term and end-of-term Project Meetings, reviewers and panel members will be advised of the necessarily provisional nature of these requests and to view them accordingly.

13. External Funding from other sources (including current and pending support)

In relation to Section 12 (External funding / support), please indicate if funding / support from these external sources (including in-kind contributions) will be used to augment resources provided through the award. Please also indicate any additional support that is currently being sought, where the funding decision on that support is independent of this Call. Where funding from external sources is expected / being sought, the relationship between these various funds and the proposed project should be explained (e.g., what role do the funds play in achieving the goals and expected outcomes of the proposed project; what value will these funds add to the proposed project?).

Letters of Support should be included from these external sources of funding (including providers of in-kind contributions and partners who are ineligible for this Call, but who are providing a contribution to this proposed project); they should be uploaded at the same time as the Proposal Form.

Letters of Support should be on headed paper and should provide information on the level of funds committed and how firm that commitment is. Where the contribution is in-kind, a monetary value of that contribution alongside details of what the contribution is should also be provided.

14. Suggestion of potential reviewers

Please indicate up to 3 names of experts who could review your proposal, including their field of expertise. The rules on conflict of interest apply to these suggestions.

15. Potential reviewers to avoid for direct competition reasons or conflict of interest

List the names (and provide his/her country and affiliation) of potential reviewers who, you think, should not be asked to evaluate the project for reasons of direct competition and partiality. Also provide the names of significant collaborators that should not be used as reviewers due to conflicts of interest.

For point 14 and 15: Please note that these are only suggestions for consideration by the Scientific Evaluation Committee (SEC) and Call Board (CB). The final attribution of reviewers to proposals is the responsibility of the CB.

16. Funding plan

The data concerning the budget of your proposal will be provided in the Financial data tab and in the XL document to be uploaded as an annex of the scientific document and entitled: "Financial data.xls"

Each Leading and Partner PI should provide details of his / her funding plan under the headings in the table. **Funding information should be entered in Euros (€).** Disbursements set against the different categories of expenditure in the funding plan should be provided according to the standard guidelines for each Leading and Partner PI's relevant Research Funding Organisation.

It is anticipated that all partners involved in the project, should it be funded, will travel to one kick-off, mid-term and one end-of-term meeting. A **provisional funding request (of up to €2000 per partner per meeting, under 'Travel Expenses')** should be included in the funding plan and should be within the current financial limits of the funding plan since the Call will be supporting these activities within its current funding envelope.

Final details will be made available by the Joint Call Secretariat, should the proposal be funded. Subsequent to a proposal being awarded funding, individual Research Funding Organisations may contact Leading and Partner PIs to confirm the exact amount available for 'Travel Expenses' to these Project Meetings.

PIs ineligible to request funding should indicate here (under 'External funding / support') the value of the funding (including in-kind contributions) that they are committing to the proposal.

Fully self-financed partners who bring their own secured budget are allowed from any country.

Please note the following definitions:

Total requested funding: the funds requested from Research Funding Organisations (i.e. what each Lead / Partner PI is requesting from their Research Funding Organisation).

External funding / support: please indicate any funding / support you expect to be committed to the proposed project, which is not being requested from Research Funding Organisations. This includes, for example other institutional or national funding, the value of contributions from partners who are ineligible to request funding from this Call and are therefore providing their own funding/ in-kind contribution, etc.

Time dedicated to this project is to be reported as the number of months in a calendar year that will be dedicated to this project. For example, 1 day per week over a year would represent 52 days/365 days or approximately 1.7 months.

17. Curriculum Vitae

For each PI, please upload a CV (1 page maximum), including title, highest academic qualification, full address (country, city, street, no.), key achievements that are relevant to the research proposed and up to 5 most recent relevant publications. These should be uploaded as a single PDF file in the annex section.

18. Supporting Letters

"Self-financed" Partners must provide evidence that their organisations will support their activities. They should send a signed official letter of support from their Head of Department or Financial administrator (as appropriate) to the call secretariat. This letter must be received electronically (.pdf) by the proposal deadline as an annex to the proposal.

When preparing the Proposal it is useful to remember the Selection Criteria on which it will be evaluated – please see the Call for Proposals for details.

For questions, contact your National Call Contact Points, as indicated in the national annexes at <http://www.jpi-climate.eu> / <http://www.jpi-oceans.eu/>