



## Joint Call for Proposals Water JPI – CONFAP:

### *“Water Resource Management in Support of the United Nations Sustainable Development Goals”*

## Guidelines for researchers from the State of Maranhão

### 1 Summary

In the framework of the Coordination and Support Action IC4WATER, approved by the European Commission, within Horizon 2020, with the coordination of the Water Joint Programming Initiative, hereafter referred as Water JPI, and with the participation of CONFAP;

A Joint Call for transnational collaborative projects on research and innovation to support the implementation of water policies is launched;

The State Funding Agency of Maranhão participates in the Joint Call;

The Joint Call is open to researchers linked to Higher Education and Research Institutions located in the State of Maranhão.

The researchers from the State of Maranhão who are interested in applying to the present Call must follow the instructions described in these guidelines.

Foreigner partner researchers or partner researchers affiliated to Higher Education or Research Institutions from other Brazilian States must follow the additional instructions from their own institution regarding the submission of the project and the clarification of doubts.

FAPEMA might contribute with a maximum of €50,000 (fifty thousand Euros) to support **the total number of projects approved under the scope of this call and submitted by Principal investigators from the State of Maranhão.**

**Researchers interested in this Call must also consult the conditions set forth in the International**

**Call for Proposals launched by the Water JPI initiative as a 2017 Joint Call.**

A LinkedIn Researchers Forum has been created by the Water JPI to encourage discussion and networking among researchers in the area of Water RDI and dedicated to this opportunity:

<https://www.linkedin.com/groups/8455262>

## 2 Research Themes

**Challenge-1)** Multiple pressure effects on ecosystems and ecosystem services as well as effective mitigation–adaptation tools and assessments for implementing the water related targets of the UN SDGs Improving Ecosystem Sustainability and Human Well-being:

Sub-topic-1.a. Assessment of multiple pressures (hydromorphological changes, anthropogenic pollution, biological contamination, or/and natural hazards, etc.) effects on ecosystems and ecosystem services, including but not limited to:

- Assessing the vulnerability and resilience of ecosystems to multiple pressure factors.
- Assessing risks related to multiple pressures on ecosystems.

Sub-topic-1.b. Tools and approaches for adapting and mitigating to multiple pressures.

- Developing innovative risk management approaches for new adaptation measures.
- Integrated eco-technological solutions for the remediation and mitigation of degraded water bodies and aquatic ecosystems.
- Improving knowledge on behavior changes due to direct and indirect effects of climate change and climate change adaptation and mitigation strategies.

**Challenge-2)** Developing accessible solutions for clean water management to address UN SDG6 targets and associated SDGs. Research and innovation for near future securement of clean drinking water for inhabitants in countries across the globe, linked to the UN SDG6:

Sub-topic-2.a. Developing systems for universal and equitable access to safe and affordable drinking water for all:

- Assessing the impact of water scarcity on safe drinking water in an increasing demography context:
- Developing low cost, low maintenance technology for the water management sector in developed and developing countries.

- Evaluating the resilience of water supply infrastructure to extreme hydro-climatic events, especially floods.

Sub-topic-2.b. Wastewater treatment and recycling:

- Innovating on practical, low-cost sustainable technologies treating wastewater to produce resources that are safe for reuse in all sectors of societal water use.
- Developing and demonstrating water reuse and recycling concepts; recovering products and energy from treatment plants.
- Promoting societal acceptance of innovative technologies.

### **3 Funding Modalities**

The proposals will be processed at FAPEMA according to the rules and instructions for research grants and support.

## **4 Eligibility for Researchers from the State of Maranhão to the submission of proposals**

### **4.1 Eligible Researchers (PIs)**

- a) Researchers eligible for FAPEMA funding under the scope of this Call must hold a doctorate degree;
- b) Be employees of public or private Higher Education or Research Institutions in the State of Maranhão;
- c) Be registered at FAPEMA's Patronage online platform (<http://www3.fapema.br/patronage/login.php>) and to have an updated register at CNPq's Lattes Curriculum Platform (<http://lattes.cnpq.br/>);
- d) Only proposals submitted by transnational consortia will be eligible. The consortium must be composed by a Principal Investigator (PI) from Maranhão and at least two eligible researchers that request funding from participating Funding Partner Organizations from two other different countries;
- e) The proponent's institution must assure the availability of the necessary infrastructure to develop the research project;
- f) The proponent cannot coordinate or integrate another proposal for this same call.

## 5 Procedures for the proposals submission

Each **proposal** submitted to within this call must have one Principal Investigator from the State of Maranhão and at least two partners, each one from a different country among the participant countries of this Call.

Above this minimum eligibility criteria for the composition of consortia, the involvement of other Principal Investigators from other Brazilian States participating in the call is encouraged.

### 5.1 Pre-proposal phase

- a. In the pre-proposal phase, the Principal Investigator of the joint proposal (“Consortium Coordinator”) must follow the procedures for submission as described on Chapter V of the International Call (“[2017 Joint Call](#)”);
- b. In this phase, it is not necessary to submit documents or any kind of information to FAPEMA, since all the participant agencies will have open access to the documents submitted;
- c. The estimated budget to be requested to FAPEMA must be detailed in the document “Financial Table 2017 Joint Call.xls”, available together with the call documentation:  
[http://www.waterjpi.eu/index.php?option=com\\_content&view=article&id=583&Itemid=1097](http://www.waterjpi.eu/index.php?option=com_content&view=article&id=583&Itemid=1097)

To be annexed to the Pre-proposal (template available in the same link).

### 5.2 Full Proposal submission phase

- a. In the full proposal submission phase, proposals shall be submitted by the Consortium, following the orientations provided by the Joint Call, available in the up mentioned link, in the section Call Documentation – Call Announcement.

### 5.3 Instructions for the preparation of the research proposals (Full Proposals) by researchers from the State of Maranhão

- a. The full proposal shall follow the items and orientations indicated in the “Full-Proposal Template”, which shall be made available in the 2<sup>nd</sup> stage of the call. The template and orientations can be found together with the Joint Call Documentation.

### 5.4 Eligible Costs

Equipment and consumable items will be financed, provided they are directly related to the research project activities and aims. All eligible costs must be documented and demonstrated through bills of sale, as stipulated in FAPEMA’s Budgetary Implementation and Accountability Handbook (Manual de Execução e Prestação de Contas), available at its website.

#### 5.4.1. Equipment

Permanent items such as machines, bibliographic material, small size devices necessary for the project, and others.

#### 5.4.2. Consumables

- a) Consumable items (shipment rates must be included in the item final cost);
- b) Contracting costs, for legal entities or private individuals (on an eventual basis), as long as it does not surpass 30% of the maximum proposal budget;
- c) National and international air tickets, daily travel subsidies and displacements necessary to the project.
- d) Travel insurance.

#### 5.4.3. Grants

- a) Grantees shall be nominated by the PI after the call result, and its management is of his/her responsibility;
- b) Grant costs shall be included in the eligible costs and cannot surpass 20% of the maximum proposal budget;
- c) The grant validity must be in accordance with the Project schedule and with the following modalities:
  - i. Scholarship (PV3), of R\$ 7.000,00 (seven thousand Brazilian Reais) to support doctorate degree researchers in cooperation missions abroad, from at least 25 days. Ongoing missions that last more than a month can receive more than one scholarship;
  - ii. Monthly scholarship (BEST-EXT) of R\$ 4.000,00 (four thousand Brazilian Reais) aimed at supporting postgraduate researchers, up to three months;
  - iv. Installation Scholarship (BINST) of R\$2.000,00 (two thousand Brazilian Reais) paid in the first month of the postgraduate scholarship.

#### 5.4.4. Non-eligible costs

- a) Administrative, routine, interest or fine rates, monetary correction and similar costs;
- b) Administrative and accounting payments, including contracting costs of the PI's institution personnel;
- c) Contracting costs of active or inactive public servants;
- d) Contracting costs of individuals for coordination, typing, consulting and similar activities;
- e) Marketing or event promoting related costs, such as cocktails, parties, dinners, artistic presentations and similar costs;
- f) Cars, cellphones, SIM cards and other items that incur in constant operation and maintenance costs.

## 6 Submission of Pre-Proposals and Full Proposals by researchers from the State of Maranhão

- a. A two-step application procedure will be used in this Joint Call. Pre-proposals and Full Proposals must be submitted electronically via a specifically designed web platform.
- b. Details and orientations are available in the Joint Call Documentation.
- c. No proposal will be accepted after the deadline for the submissions.
- d. Proposals that do not comply with the Joint Call requirements and with the specific requirements established in these guidelines will not proceed to analysis.

## 7 Timeline

EVENTS	DATES
Call announcement	07/11/2017
Deadline for submission of Pre-Proposals	11/12/2017
Deadline for submission of Full Proposals	27/06/2017 - 17h00 (CET)

## 8 Assessment and Selection

- a. Proposals that do not comply with the established in this Call will not be qualified for merit analysis.
- b. Pre-Proposals: All eligible pre-proposals will be subject to a scientific evaluation by external evaluators based on two criteria - 'Excellence' and 'Impact'. The objective of this first step is to identify the best proposals to proceed to Step 2 (Full Proposals), and ensure the balance between the requested and available funds at the national level.

- c. Full Proposals: All full proposals will be subject to international peer reviews followed by an Evaluation Panel based on three criteria - 'Excellence', 'Impact' and 'Quality and Efficiency of Implementation'.
- d. Funding recommendation: Based on the ranking of the full proposals, projects will be recommended for national/organisational funding. The outcome of this process will be communicated by the Call Secretariat to the Consortium Coordinator, who will then inform all partner Principal Investigators of the Consortium.
- e. Formal funding decisions are made by the participating funding organisations. The funding recommendation is irrevocable and therefore no redress procedure is possible.
- f. After a positive funding recommendation, the project partners must directly contact their NCP in order to start the contract negotiation and accomplish the remaining steps until the research project can start. The Consortium Coordinator is responsible for synchronising the project start with his/her partners.

## 9 Intellectual Property Rights

- a. In case of approval, a Letter of Agreement ("*Consortium Agreement*" – item VI.2 of the [2017 Joint Call](#)) has to be formulated between the Partner Host Institution abroad and/or the Partner Host Institution of other Brazilian States and the Host Institution in the State of Maranhão to which the PI is affiliated, establishing how Intellectual Property rights, confidentiality, and publications will be treated jointly, in observance of the policies of each Funding Agency and Host Institution.
- b. Any costs regarding management of IP are expected to be agreed between the collaborating research organizations before the research begins.
- c. The presentation of this "*Consortium Agreement*" is mandatory before the signature of the grant award in case of FAPEMA funding.

## 10 Further Information

- a. Specific questions about this present Call for Proposals must be sent by the researchers from the State of Maranhão to João Arthur Reis, e-mail: [joao.reis@fapema.br](mailto:joao.reis@fapema.br).
- b. Researchers from other Brazilian States: specific questions must be sent by the Principal Investigator to the contacts indicated in the "National Regulations" of the present call (which can be found together with the Joint Call Documentation), for contacting the



European  
Commission

Horizon 2020  
European Union funding  
for Research & Innovation



**CONFAP**  
Conselho Nacional das Fundações  
Estaduais de Amparo à Pesquisa

participating FAPs and to Elisa Natola – [elisa.confap@gmail.com](mailto:elisa.confap@gmail.com) for overall issues concerning the Joint Call, on behalf of CONFAP.

- c. Foreigner researchers: specific questions must be sent by the Principal Investigator to the contacts indicated in the “National Regulations” of the present call, corresponding to the contact indicated for the specific country.