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BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

Tender announcement

Sukarrieta, 28 February 2023

t. +34 94 657 40 00
info@azti.es | www.azti.es

1. OBJECT

The AZTI Foundation announces the opening of a public tendering procedure for **the development of mechanistic spatio-temporal modeling of the marine ecosystem with Ecopath with Ecosim (EwE) to improve the modeling of cumulative impacts in the framework of the Horizon Europe project “GES4SEAS - Achieving Good Environmental Status for maintaining ecosystem SERVICES, by ASsessing integrated impacts of cumulative pressures” (GES4SEAS, Acuerdo de subvención número 101059877)”**.

About GES4SEAS

GES4SEAS will inform and guide marine governance in minimizing human pressures and their impacts on marine biodiversity and ecosystem functioning, while maintaining the sustainable delivery of ecosystem services. This will be achieved through developing an innovative and flexible toolbox, tested, validated, demonstrated and upscaled, in the context of adaptive Ecosystem-Based Management (EBM). This will allow competent authorities to assess and predict the effect of multiple stressors (including climate change) and pressures from human activities, at the national, sub-regional, regional and European level. This will ensure they achieve Good Environmental Status (MSFD), and support different policies at national, European and global levels (e.g. BHD, Biodiversity Strategy, SDG). This will be achieved by integrating stakeholders and the key competent authorities in a Practitioner Advisory Board, in co-creating and validating the toolbox and the EBM approach. In this, we focus on real problem solving and following an iterative and incremental development approach. This will allow GES4SEAS to achieve Technological and Societal Readiness Levels 6, since our solutions will be tested and demonstrated at 11 Learning Sites (LSs) covering important regions and environments. These LSs have been selected to explore geographical specificities, in the four regional seas, with regards to the impacts of cumulative pressures (including climate change) on the functioning of ecosystems, and their capacity for providing ecosystem services, to ensure better management. This includes LSs to explore transboundary issues and a LS at pan-European scale, to explore comparability and harmonization across regional seas, and gain understanding on the functioning of transverse topics (e.g. invasive species, HABs and jellyfish blooms, and top predators). Finally, to internationalize outputs, we have included a LS in the Caribbean Sea, in relation to the SDGs framework and intense extreme events.



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2. LENGTH OF SERVICE

The service will be provided within the project duration, which started on 1st September 2022 and will finish on 31st August 2026.

3. ECONOMIC TENDER

The maximum economic offer that will be accepted for this tender is **twenty thousand euros (20.000,00 euros)**, taxes not included.

Invoicing can take place at the conclusion of the whole service or after the achievement of specific deliverables. Such deliverables and invoicing schedule will be included in the offer.

The invoice/s will be paid within 60 days of the date of issue.

4. ASSESSMENT CRITERIA FOR PROPOSALS

The proposals received will be assessed on the basis of the following criteria:

Economic offer	50%
Technical adjustment	30%
Improvements	15%
CSR policies	5%



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5. PRESENTATION OF THE PROPOSALS

Bidders may submit their proposals to the attention of Irati Velez at the e-mail address ivelez@azti.es and at any of the AZTI centres, from the time of publication of this announcement on the AZTI Foundation website, **until 12 noon on 24 March 2023**.

Proposals can be submitted in Spanish, English or Basque.

Tenderers may contact the following address for further **technical information**:

AZTI

Ángel Borja

Tel. 34 667 17 44 30

Mail: aborja@azti.es

6. AWARD

Once the offers have been received on the date indicated for their presentation, within 15 working days, the result of the tender will be published on the AZTI Foundation website.

7. CONDITIONS OF RECRUTEMENT

- The selected entity, during the time that the service relationship with AZTI lasts, must comply with the regulations in force on labour matters, Social Security and Health and Safety at Work, being subject, if applicable, to carry out the coordination of business activities in accordance with RD 171/2004 according to the procedure and specifications established (available at <https://www.azti.es/en/recruitment-rules/>)
- In any case, and independently of any other documentation, the selected entity must present, before the formalization of the contract, a certificate that proves that it is up to date with the fulfillment of its tax and social security obligations.
- The selected entity must present the necessary documentation to formalize the contract within a period not exceeding 20 days from the award. Or the



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documentation, the selected entity must follow the Internal Contracting Regulations published at www.azti.es

- In addition to the technical and administrative conditions, AZTI will positively evaluate those suppliers who demonstrate that they maintain policies on Quality, Health and Safety, the Environment, Sustainable Mobility, as well as Corporate Social Responsibility.

The supplier shall include in its proposal those documents or records that allow verification of these policies (quality and environmental certificates, documentation relating to actions in matters of social responsibility, etc.)

8. GENERAL DATA PROTECTION REGULATION

Person in charge: Identity: FUNDACION AZTI - AZTI FUNDAZIOA - CIF: G48939508 Postal address: TXATXARRAMENDI UGARTEA Z/G SUKARRIETA (BIZKAIA) Telephone: 946574000 e-mail: lopd@azti.es.

“From FUNDACIÓN AZTI we treat the information you provide us with the purpose of placing your order and billing for services and maintaining commercial relations. The legal basis for the processing of your personal data is our legitimate interest in maintaining commercial relations and carrying out the provision of services, being strictly necessary for this purpose. The data provided will be kept as long as the commercial relationship is maintained or for the years necessary to comply with legal obligations and, once the relationship has been resolved, to the extent that liabilities may arise. The data will not be transferred to third parties except in cases where there is a legal obligation, as well as to those providers of technical and computer services and auditing. Under no circumstances will we carry out international transfers of your personal data. You have the right to obtain confirmation as to whether or not FUNDACION AZTI - AZTI FUNDAZIOA is processing your personal data. Therefore, you have the right to access your personal data, rectify inaccurate data or request its deletion when the data is no longer necessary, as well as to exercise your right to oppose, limit or transfer your data, under the terms provided for in the applicable data protection regulations, by writing to the above-mentioned address. You may also lodge a complaint with the competent supervisory authority”.



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9. TECHNICAL REQUIREMENTS

Expertise required

Object: Development of a dynamic spatio-temporal modeling application using a customized version of the Ecospace model from Ecopath with Ecosim (EwE) to achieve the objectives of the **GES4SEAS** Project "***Achieving good environmental status for maintaining ecosystem services by assessing integrated impacts of cumulative pressures***" (<https://www.ges4seas.eu/>). This activity will require, in addition to this version of the model, the development of a specialization course organized jointly with WP3.

Justification: The dynamic spatio-temporal modeling to be developed under the GES4SEAS project requires a customized version of the Ecospace model from Ecopath with Ecosim (EwE). That will allow us to modify the base code to make an explicit connection of the spatio-temporal version with available GIS databases, to incorporate a wider variety of cumulative impacts, in addition to fisheries impact and environmental change.