

EUSKAMPUS MISSIONS 1.0

2021 Programme

Euskampus, an opportunity to orchestrate a joint response to major challenges

The COVID-19 post-pandemic period requires joint forces to move towards more resilient, sustainable and equitable societies. This global challenge implies jointly facing a series of scientific, technological, economic, social and political challenges that require complex cooperative responses.

2020 marks the start of a decade of ambitious action in order to deliver the Sustainable Development Goals (SDGs) by 2030. Approved by the Member States of the United Nations as part of the 2030 Agenda for Sustainable Development, the SDGs are a universal call to action to protect the planet, eradicate poverty, guarantee a healthy lifestyle and foster prosperity.

Post COVID-19 Europe will be more ecological, more digital, more resilient and better adapted to current and future challenges in so far as we take on the proposal to add value in this direction. The priorities for 2019 onwards, put forward by the President of the European Commission, Ursula von der Leyen, have been a real and committed boost towards making Europe the first climatically neutral continent, putting people at the heart of our economic model, better adapting our society to the digital era and strengthening European democracy in favour of defending the European lifestyle, making us stronger worldwide.

In the Basque Country, the new Basque Science, Technology and Innovation Plan 2030 aims to boost Research, Development and Innovation to accelerate the transition towards a digital, green and inclusive Basque Country. The Basque PCTI 2030 focuses the “RIS3 Euskadi” smart specialisation strategy on three priority areas of specialisation (personalised health, cleaner energy and smart industry) and four areas of opportunity (healthy diet, eco-innovation, sustainable cities, creative Basque Country). Along with the areas of specialisation, the PCTI 2030 introduces the concept of Transversal Driver Initiatives in the fields of healthy ageing, electric mobility and the circular economy.

The objectives of the new Strategic Plan that Euskampus has presented in 2021 include a joint response to the SDGs and the European and territorial innovation strategies. Euskampus Fundazioa will therefore promote, design and deploy diverse inter- and trans-disciplinary cooperation formulas open to the concurrence of numerous stakeholders.

In the current scenario, Euskampus considers Action Line 2.2. *Promote Euskampus Missions* in order to add value in this new programmatic global, European and local context and in coherence with its vision and mission. As an activation tool, this “**Euskampus Missions 1.0**” 2021 Programme has been launched to support and catalyse **collaborative projects between its trustee entities** and others that add complementary skills, **aimed at specific challenges related to the ability to evolve towards more resilient, equitable and sustainable societies, paying special attention**

to the sustainability and recovery of oceans, which also have high potential in terms of their scientific, technological, economic and social impact.

The Euskampus Missions are a way of **orchestrating the rich diversity of capacities, talent and experience held individually by the UPV/EHU, University of Bordeaux, Tecnalia and DIPC, providing a defined direction to the cooperation that guides actions featuring various groups:** students, teachers, researchers, managers, professionals from diverse business and social stakeholders and even citizens.

A Euskampus Mission is...

... a joint response

... led by the Euskampus trustee entities

... and coordinated with other entities and players

... to fulfil pre-defined objectives that address a major scientific, technological, environmental, cultural, economic, social challenge, or a combination of them

... through a coordinated agenda of education, research, knowledge transfer and dissemination actions.

In order to articulate existing capacities in response to the health crisis and to the challenges derived from the measures to combat it, Euskampus launched the Euskampus COVID-19 Resilience programme in 2020, focusing on four types of challenge (“One virus, millions of data”, “Small is powerful”, “Industry to the rescue” and “A resilient society”). Euskampus entities prepared and presented 13 projects in record time, of which 9 were selected, involving around 100 researchers with total funding of €220,000 for their development throughout 2020 and 2021.

Euskampus Missions 1.0 Programme

In the aftermath of the healthcare crisis caused by COVID-19, it has been observed that, far from being a passing phenomenon, life has continued its course with this new dimension that affects the world order at all levels. For this reason, resilience has become a highly appreciated value and capacity. Only the one who is able to overcome adversities, adapting and coming out of them stronger will be able to continue evolving towards a better life.

Likewise, the effects of climate change also appear to have taken on a new leading role. Many people claim that the damage caused by human beings to the biodiversity and the environmental balance is, to a certain extent, what triggered the expansion of the virus and its subsequent mutation to new variants¹.

¹ Rodó, X., San-José, A., Kirchgatter, K. *et al.* Changing climate and the COVID-19 pandemic: more than just heads or tails. *Nat Med* 27, 576–579 (2021). <https://doi.org/10.1038/s41591-021-01303-y>

Two international programme frameworks highlight the importance and the opportunity of proposing a mission aimed at the sustainability and recovery of oceans: the European Union's Integrated Maritime Policy ² and the United Nations Decade of Ocean Science for Sustainable Development 2021-2030³.

They both highlight the need for collaboration and coordination of efforts and capacities, which are the keys proposed in the action approaches through missions and challenges. In particular, the Atlantic Action Plan 2.0, approved by the strategy in July 2020, proposes an integrative approach for coastal region policies with the global objective of promoting the potential of a durable, resilient and competitive blue economy.

The UN Decade is presented as a framework for cooperation and mutual learning based on a participative and transforming process so that scientists, political leaders, managers and citizens work together to guarantee that ocean science provides greater benefits to the ocean ecosystem and to society.

As a result of the activity that has been developed by Euskampus Fundazioa with the associated entities and public and private stakeholders of the blue economy, there is a critical mass of research, training and intervention that can be activated for its articulation in an Oceans and Waters Euskampus Mission.

The complexity of these challenges requires joint actions to be fostered, using innovative approaches that go beyond disciplinary dynamics and focus on offering specific solutions to certain problems, while generating new opportunities to create a better world.

Following the first experience with the Euskampus COVID-19 Resilience programme launched in 2020, which already pointed in this direction, the **“Euskampus Missions 1.0”** 2021 Programme aims to align the research, innovation and training capacities with the social and political priorities in the local, European and global context (RIS3, Green Deal, Digital Era, SDGs) to foster **more resilient societies and the sustainability and recovery of oceans**. More specifically, the choice of these themes seeks to promote the participation of all Research Groups and pedagogical teams, including those from the field of social and human sciences which, in collaboration with groups from other disciplines, put forward innovative projects from the point of view of their research purpose and the interdisciplinary and systematic methodology and approach.

Robert M. Beyer, Andrea Manica, Camilo Mora, Shifts in global bat diversity suggest a possible role of climate change in the emergence of SARS-CoV-1 and SARS-CoV-2, Science of The Total Environment, Volume 767, 2021, 145413, ISSN 0048-9697, <https://doi.org/10.1016/j.scitotenv.2021.145413>.

The Lancet, 2021. Climate and COVID-19: converging crises. The Lancet, 397(10269), p.71. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(20\)32579-4/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)32579-4/fulltext)

² Source: <http://www.atlanticstrategy.eu/es/la-estrategia-atl%C3%A1ntica/la-estrategia-atl%C3%A1ntica>

³ Source: <https://www.oceandecade.org/about?tab=our-vision>

Two categories of projects are thus proposed:

1. Cooperative research

Interdisciplinary and multi-agent cooperative research projects, whose proposals should include a joint work plan, involving agents, stakeholders and other entities that enable the impact generated to be increased and extended. Therefore, the proposals will include complementary actions aimed at spreading the results of the research beyond the specialised audience, and even consider training or dissemination activities, educational innovation, etc. aimed at student communities and other social groups.

2. Educational innovation

Educational innovation projects may be initiatives or actions associated in a complementary way to research projects or may be proposed independently. They should promote research-based learning (RBL) and be problem or challenge oriented, promoting learning spaces, collaborative and transversal (interdisciplinary and with stakeholder involvement)⁴ and be aligned with sustainability education⁵.

By virtue of all this, a tender process has been opened to select projects in accordance with the procedure and criteria set out in the Provisions of this document.

⁴ The UPV/EHU's IKD i3 educational model is an orientation framework to be favoured. References: EHUagenda2030 for sustainable development: <https://www.ehu.eus/es/web/iraunkortasuna/ehuagenda-2030>

⁵ SDSN (2020): Accelerating Education for the SDGs in Universities: A guide for universities, colleges, and tertiary and higher education institutions. New York: Sustainable Development Solutions Network (SDSN): https://irp-cdn.multiscreensite.com/be6d1d56/files/uploaded/accelerating-education-for-the-sdgs-in-unis-web_zZuYLaoZRHK1L77zAd4n.pdf

PROVISIONS

Article 1: - Entities that can participate

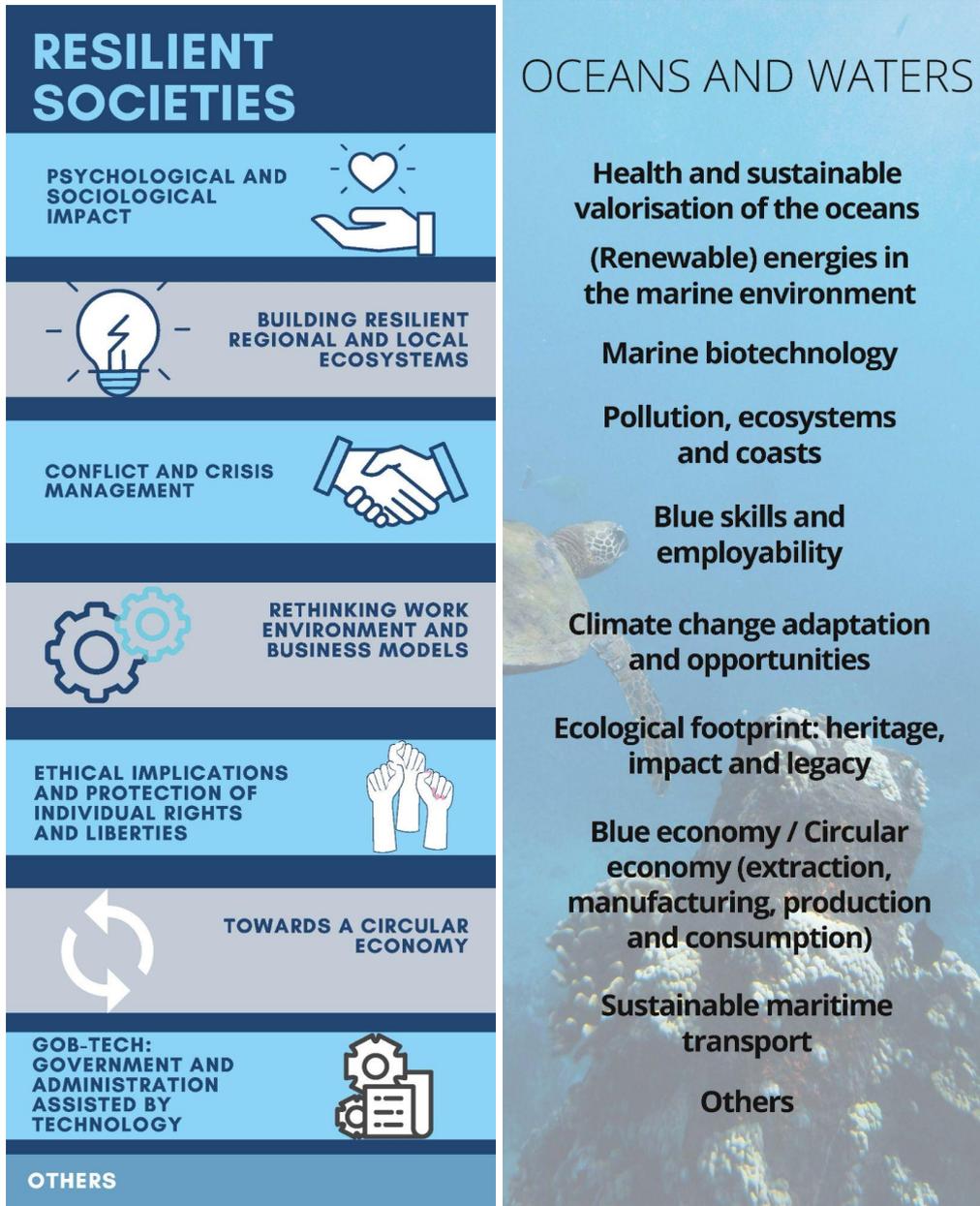
1. The programme will be open to Euskampus Entities⁶ and their partner entities from the Basque Science, Technology and Innovation System (SVCTI) and/or from New Aquitaine.
2. At least two research groups belonging to Euskampus Entities must participate in each project and two of them must exercise the leadership role.
3. Collaboration of more than one research group from the same entity will be highly valued provided that they are made up of expert personnel in different knowledge fields or disciplines.
4. Only Euskampus Entities can be direct beneficiaries of the programme, whereby other entities may participate in the project but they may not receive funding directly.

Article 2. - Orientation of educational research and innovation projects.

1. The research and/or innovation projects will be framed within the following themed areas⁷ and shall clearly identify the specific challenge they address and their possible social impact:

⁶ A Euskampus entity is understood to be a knowledge-generating entity that forms part of its Board of Trustees: UPV/EHU, Tecnalía, DIPC, and University of Bordeaux.

⁷ The fields are broad and illustrative, and the lines within each field are an orientation and do not exclude other possible lines that have not been included in the figure.



2. The projects may focus on a specific problem or they may be of a broader nature. Clearly inter/transdisciplinary projects shall be prioritised⁸, especially those

⁸ We differentiate four levels of disciplinary co-operation.

- Mono: Collaboration within a discipline. For example, between experimental and theoretical particle physicists.
- Multi: each discipline provides its knowledge to build a linear value chain. For example, neuroscientists and clinical neurologists in a translational approach, from the lab to the patient.
- Inter: Collaboration implies the synthesis of shared approaches, languages, and challenges, while each discipline maintains its own methods. For example, ICT, physicists, and mathematicians in a particle laboratory like the CERN.
- Trans: Collaborations begin by defining the challenge to be tackled; there is a crossed-fertilization between these disciplines and institutions from outside

projects that integrate different areas of knowledge (natural sciences, health sciences, engineering and architecture, arts and humanities, social and legal sciences) and which take different stakeholders into consideration.

3. In the case of research projects, projects that include a series of complementary activities that tend to involve undergraduates or post-graduate students or students who have returned recently and/or maximise the transfer and social impact of the project will be highly valued.

Article 3: - Term of the research projects

1. All of the projects will be developed within the 2021 and 2022 financial years. In any case, they will end on 31/12/2022, at the latest.

Article 4: - Benefits for the selected projects

The support provided by Euskampus will combine a budgetary allocation with tailored mentoring and support and guidance actions to the research groups that form part of the project team.

Article 4.1 - Funding provided by Euskampus

1. The grants provided by Euskampus will be limited to a maximum of €30,000 per project and €15,000 per entity.
2. Grants will also have a co-funding character when awarded alongside other grants or funds that the participating teams may have:
 - Projects that show complementarity with individual or joint projects that have been requested or are being developed and which respond to the identified challenge will be prioritised.
 - Projects showing a projection towards other local, national and, particularly, international tenders will be prioritised, whereby support from Euskampus will be a lever to access such programmes.
3. Grants provided by Euskampus will be transferred to the beneficiary entities for their management in accordance with the internal procedures of each entity, intended solely for project implementation, so they may not be used for any indirect costs. The following costs may be covered:
 - Cost of staff.
 - Different implementation costs, consumables, materials, publications, travel, etc.

Article 4.2 – Mentoring, guidance and support

academia/research. This is the key collaboration to face great social and global challenges, such as climate change and population ageing, within the framework of the missions.

The mentoring process provided by Euskampus will focus on the development of a social impact measurement methodology for the specific project. The Euskampus team specialised in impact measurement will offer a set of training and educational actions aimed at providing the researchers with a solid base of skills and know-how to facilitate the transfer of their research results to society.

The guidance process will be based on methodologies that may include working sessions or workshops in which a customised theory for the change will be developed, etc.

Article 5 - Obligations of the groups of the selected projects

Approval by Euskampus of a project presented to the current the “Euskampus Missions 1.0” 2021 Programme tender and the subsequent acceptance of the support by the research group, will incur the following obligations for the beneficiaries:

- Participation in the mentoring, guidance and support activities described in Article 4.2.
- Search for channels of collaboration with the research groups from other projects approved within the framework of the “Euskampus Missions 1.0” 2021 Programme.
- Provision of regular information to the Euskampus operational team regarding the progress of the project, as well as the communication of any difficulty in which more personalised support is required or which calls for deviating from the work plan that was originally presented in the project proposal.

Article 6.- Procedure for project submission

1. Proposals will be prepared in accordance with the attached models - the “Euskampus Missions 1.0_Research” 2021 Programme Project Report and the “Euskampus Missions 1.0_Educational Innovation” 2021 Programme Project Report. Brief CVs of the members of the research team for each project will be attached, in line with the format provided by the Spanish Science and Technology Foundation (FECYT), established by the Spanish Ministry for Science and Innovation (MINECO). The brief Curriculum Vitae shall be generated automatically by the Normalised CV FECYT application.

Researchers from the University of Bordeaux or those belonging to partner entities of the University of Bordeaux in New Aquitaine may present their CV under the format proposed by the ANR- National Research Agency.

2. Proposals shall be submitted via e-mail to: misiones@euskampus.eu with the reference #resiliencia_euskampus no later than 5pm on 15 December 2021.

3. Euskampus Fundazioa may ask the participating entities for as much complementary and/or additional documentation as needed to appropriately comprehend, evaluate and process the proposal.

4. Entering this tender process implies the acceptance of its conditions and its resolution, which is unlikely to be contested.

Article 7: – Admission and correction of the proposals

1. If the proposal is not completed in all of its terms, or if it is not accompanied by the required documentation in this procedure, the interested party will be asked (preferably via e-mail) to solve the issue or provide the compulsory documents within a period of **3 working days**, indicating that if they fail to do so, the application will be considered to have been withdrawn.

2. Failure to include the requested Report in the proposal shall be considered an error that cannot be rectified.

Article 8: –Assessment of the educational innovation and interdisciplinary research projects presented

1. The projects will be assessed by a panel of experts in the proposed scientific areas, who shall be independent and with renowned research prestige, as well as experience in assessments.

2. For the assessment, the following criteria shall be considered, with the relevant weighing:

2.1. Research projects

- a) Scientific-technical quality, relevance and viability of the proposal: 20 %
- b) Quality, track record and appropriateness of the research teams: 20 %
- c) Applicability/Expected impact in the regional context and/or in the identified stakeholders: 20 %
- d) Integration and degree of interdisciplinary nature of the teams from different institutions: 20%
- e) Adaptation of the budget to the work plan, co-financing schemes, and projection of the leverage of other grants: 10%
- f) Involvement of students in the research project and in another series of dissemination and/or training activities and/or educational innovation: 10%

2.2 Educational innovation projects:

- a) Scientific-technical quality, relevance and feasibility of the pedagogical proposal: 20 %.
- b) Quality, trajectory and suitability of the research groups and/or pedagogical teams: 20%.
- c) Integration and degree of interdisciplinarity of the teams from different institutions: 20%.
- d) Expected impact in terms of collaborative learning, transversal and sustainability education: 20%.

- e) Adequacy of the budget to the work plan, co-financing scheme and projected leveraging of other grants: 10%.
- f) Involvement of stakeholders in collaborative and transversal key: 10%.

3.As a result of the assessment process, the following will be established:

- a)A relation between the proposals whose rejection is proposed, along with the motivation on which the rejection proposal is based.
- b)An itemised list of the projects that best adapt to the established assessment criteria, with the relevant reasoned assessment.
- c)The decisions of the expert panel shall be final and may be reached unanimously or by a simple majority. Their reports and discussions shall be confidential.

Article 9: – Resolution: deadlines and procedure

- 1.The final resolution, which shall be fundamentally based on the assessment, will be the responsibility of Euskampus Fundazioa.
- 2.The resolution shall determine the acceptance or rejection of the proposal, expressing in the former, the deadlines for its development and the approved grant amount, as well as what is assigned to each entity.
- 3.The maximum deadline to finalise this process and notify the interested parties of the resolution shall be 2 months, counted from the deadline for the submission of proposals.

Personal Data Protection

Pursuant to the prevailing regulations, processing of personal data provided in the application to participate will be governed by the following:

- Data Controller: Euskampus Fundazioa (Tax Code: G95658688).
- Purpose: process the applicant's participation in the tender for the **“Euskampus Missions 1.0”** 2021 Programme; keep applicants informed of Euskampus Fundazioa's activities via electronic means (only if express consent has been given to do so on the website participation form); publish the names and surnames of the beneficiaries of this tender on the Euskampus website and social media.
- Legal basis of processing: the legal basis that legitimises the processing of participants' personal data by Euskampus is the express consent provided by submitting the form to participate in this tender.
- Storage of personal data: participants' personal data shall only be kept by Euskampus for the time required to process their participation in the tender; on completion of this period, they will be deleted. If consent has been given to receive communication from Euskampus (i.e. information related to its own events, activities and tenders), the data will be kept until this consent is revoked.
- Recipients and international transfers: Euskampus shall only communicate data related to participants in the **“Euskampus Missions 1.0”** 2021 Programme when required to do so by administrative and/or judicial order.

- Euskampus shall not make international data transfers to third countries (with the exception of the University of Bordeaux as a trustee of Euskampus Fundazioa and its associated entities).
- Rights of data subjects: the legislation recognises a series of rights in relation to the processing of the participants' personal data, whereby they may access, correct, delete, limit and oppose the processing of their data, request the portability and withdraw their consent via e-mail (to info@euskampus.eu indicating "Ejercicio derechos" (Exercise Rights) in the subject and including their name and ID Number in the message), or via ordinary post (to Euskampus Fundazioa Ed. Rectorado - Barrio Sarriena s/n - 48940 Leioa – Bizkaia – Spain). They may also contact the Spanish Data Protection Agency via www.aepd.es for this purpose.