ERANet-LAC 3rd Multi-Thematic Joint Call 2017/2018 involving Research Infrastructures

Guide for Applicants

FOR THE 3rd JOINT CALL FOR TRANSNATIONAL RESEARCH and / or INNOVATION PROJECTS WITHIN THE ERANET-LAC FRAMEWORK

Please note: This Guide is based on the rules and conditions contained in the legal documents applicable to the 3rd ERANet-LAC Joint Transnational Call in Research and / or Innovation Projects and the national funding schemes of the ERANet-LAC Programme Owners/Programme Managers in the Member States.

CONTENT

PREFACE

This "**Guide for Applicants**" provides information about the procedure for the submission of project proposals under the **ERANet-LAC Second Joint Transnational Call in Research and / or Innovation Projects.**

Part I provides overall information for applicants using a "frequently asked questions" type of guide. In part II exemplary screenshots of the actual online submission procedure via the online submission tool "pt-online" are presented as well as a step-by-step advice on how to proceed with your submission. However, the submission of a project via the online tool should be self-explanatory.

For additional information about the 3rd Joint Transnational Call, please refer to the **ERANet-LAC website**, available at http://www.eranet-lac.eu

Also, applicants must check the national /regional regulations of their funding organizations before they submit their proposal (see https://www.eucelac-platform.eu/joint-actions and http://www.eranet-lac.eu).

If your questions are not answered in this guide, please contact the national **Call Contact Person** (CCP) of your country of residence or the Joint Call Secretariat at CYTED (see Annex 1).

I. General Information for Applicants

What is an ERANET scheme?

ERANET is an instrument of the EU's Seventh Framework Programme for Research, Technological Development and Demonstration Activities (FP7). Its main purpose is to support transnational activities between EU Members States and Associated countries in order to coordinate national research policies.

What is the ERANet-LAC project?

ERANet-LAC is a Network of the European Union (EU), Latin America and the Caribbean Countries (CELAC) co-funded by the European Commission within the 7th Framework Programme for Research and Technology Development (FP7). The 3rd ERANet-LAC consortium includes 23 national/regional funding organizations from 21 countries – 15 from CELAC and 8 from Europe –. The joint activities initiated by the consortium are open for all interested research funding organizations in both regions (Europe and Latin-America/Caribbean).

Among the ERANET-LAC joint activities are two transnational joint calls. They have the objective to further promote Joint Innovation and Research Activities between the European Union (EU), Latin America and the Caribbean Countries (LAC). The 1st transnational call was launched in September 2014 and the 2nd call was launched in 1st December 2015 until 10th March 2016 and the 3rd call will be open from Monday, 20th November 2017 until Thursday, 8th March 2018 (15.00 CET).

What are the main objectives of the ERANet-LAC project?

ERANet-LAC supports the political process of implementing the Joint Initiative for Research and Innovation (JIRI) and strengthens the bi-regional partnership in Science, Technology and Innovation by planning and implementing concrete joint activities.

Within the framework of the present EU-CELAC Joint Call, transnational research and innovation projects will be funded for a period of up to 36 months.

The goal of the present Joint Call is to create long-term collaboration between EU Member States and/or Associated Countries, Latin-American and Caribbean countries by submitting transnational calls in research and innovation.

Which are the fundamental principles of the 3rd ERANet-LAC Joint Call?

The ERANet-LAC Calls for Collaborative Research and / or Innovation projects are transnational research support instruments developed by and for the countries participating as funding institutions in the calls. They are implemented through a coordinated funding scheme whereby each Funding Party will fund its own national scientific teams within a multilateral project ("Virtual Common Pot", see as well page 7). This money is used for the competitive support of Collaborative Research and/or Innovation projects that will have an impact on enhancing the cooperation potential between the EU MS/AC region, Latin America and the Caribbean countries.

Which countries are participating in the 3rd ERANet-LAC Joint Call?

Argentina, Barbados, Belgium, Bolivia, Brazil, Chile, Costa Rica, Cuba, Dominican Republic, Ecuador , Finland , Germany, Guatemala, Israel, Mexico, Panama, Peru, Poland, Spain, Turkey and

Uruguay

Which institutions are providing funding for the call?

In total, 23 national/regional funding organizations from 21 countries – 15 from CELAC and 8 from Europe - have agreed to participate in the present EU-CELAC Joint Call for funding research and innovation projects:

1. Argentina: Ministerio de Ciencia, Tecnología e Innovación Productiva, MINCYT
2. Barbados: Caribbean Science Foundation, CSF
3. Belgium: Fonds de la Recherche Scientifique, F.R.S.-FNRS
4. Bolivia: Ministerio de Educación - Vice Ministerio de Ciencia y Tecnología, MINEDU [1]
5. Brazil: Conselho Nacional de Desenvolvimento Cientifico e Tecnológico, CNPq
6. Brazil: Fundação de Amparo à Pesquisa do Estado de São Paulo, FAPESP
7. Chile: Comisión Nacional de Investigación Científica y Tecnológica, CONICYT
8. Costa Rica: Ministerio de Ciencias, Tecnología y Telecomunicaciones, MICITT CONICIT
9. Cuba: Fondo de Financiamiento a la Ciencia y la Innovación, FONCI
10. Dominican Republic: Ministerio de Educación Superior, Ciencia y Tecnología, MESCyT
11. Ecuador : Secretaría de Educación Superior, Ciencia, Tecnología e Innovación, SENESCYT
12. Finland : Academy of Finland, AKA, Research Council for Culture and Society
13. Germany: Bundesministerium für Bildung und Forschung, BMBF
14. Guatemala: Consejo Nacional de Ciencia y Tecnología, CONCYT
15. Israel: Ministry of Health, CSO-MOH
16. Mexico: Consejo Nacional de Ciencia y Tecnología, CONACYT
    Secretaría de Energia, SENER
17. Panama: Secretaria Nacional de Ciência, Tecnologia e Innovación, SENACYT
18. Peru: Consejo Nacional de Ciencia Tecnología e Innovación Tecnológica, CONCYTEC
19. Poland: Narodowe Centrum Badań i Rozwoju, NCBR
20. Spain: Agencia Estatal de Investigación- Ministerio de Economía, Industria y Competitividad, AEI-MINECO
21. Spain: Instituto de Salud Carlos III, ISCIII
22. Turkey: Turkiye Bilimsel vê Teknolojik Arastirma Kurumu, TUBITAK
23. Uruguay: Agencia Nacional de Investigación e Innovación, ANII

[1] The available budget for project funding will be defined by each Bolivian institution participating in one of the mentioned topics. In Bolivia, universities and research centers dispose of their own financial resources and are free to fund the international projects they consider relevant and according to their individual institutional funding regulations.

The list of participating countries does not comprise all EU Member States and Associated countries. Does that mean that the countries that are not listed are not eligible for participation and funding?

Partners from countries that are not listed may also be part of consortia as long as they are able to clearly demonstrate an added value to the consortium and secure their own funding. However, the coordinator and the majority of partners in a consortium must be eligible to be funded by the funding organizations participating in this Joint Transnational Call. The self-financed/associated partners must provide the Call Secretariat with a **signed official** letter of support from their Head of Department or Financial Director. A pdf-version of this letter must be included as an annex at the end of the proposal when submitted.

What are the fundamental principles of the 3rd Joint Call?

The fundamental principles of the call guiding the selection of projects to be funded are:

- **Transparency.** The process for reaching funding decisions will be clearly described and available to any interested party.
- **Equality of treatment.** All proposals shall be treated alike, irrespective of where they originate or the identity of the proposers.
- **Ethical considerations.** Any proposal that contravenes fundamental ethical principles may be excluded from being evaluated and selected at any time.

Which research topics are eligible for funding under the 3rd Joint Call?

Research proposals can be submitted in the thematic fields: Biodiversity, Bioeconomy / Biorefineries, Health, ICT Platform for Learning and Inclusion and ICT for urban sustainability: Nature-Based Solutions, Citizen Science and Systemic Urban Planning.

The following list shows the titles of the topics and the countries that are funding each of the topics mentioned. Proposals must match the topics listed (please see the call text for the detailed formulation of the topics):

BIODIVERSITY:

Observatories' Network on Biodiversity and Climate Change: Coordinating Data Acquisition and Fostering Data Access and Transfer.

Participating Funding Agencies: Bolivia (MINEDU), Brazil (FAPESP), Costa Rica (MICIT), Cuba (FONCI), Dominican Republic (MESCYT), Ecuador (SENESCYT), Germany (BMBF), Guatemala (CONCYT), Panama (SENACYT), Peru (CONCYTEC), Poland (NCBR), Spain (MINECO).

BIOECONOMY / BIOREFINERIES

Intermediate and/or High-Added Value Bioproducts

Participating Funding Agencies: Bolivia (MINEDU), Brazil (CNPq), Brazil (FAPESP), Cuba (FONCI), Dominican Republic (MESCYT), Ecuador (SENESCYT), Germany (BMBF), Guatemala (CONCYT), Panama (SENACYT), Peru (CONCYTEC), Poland (NCBR), Turkey (TUBITAK), Uruguay (ANII).

HEALTH

Infectious Diseases: Early Detection Research including both, Sreening and Diagnosis

Participating Funding Agencies: Belgium (F.R.S. – FNRS), Bolivia (MINEDU), Brazil (CNPq), Brazil (FAPESP), Chile (CONICYT), Cuba (FONCI), Dominican Republic (MESCYT), Ecuador (SENESCYT), Germany (BMBF), Guatemala (CONCYT), Israel (CSO-MOH), Panama (SENACYT), Peru (CONCYTEC), Spain (ISCIII), Turkey (TUBITAK), Uruguay (ANII).

ICT

ICT Platform for Learning and Inclusion

Participating Funding Agencies: Barbados (CSF), Bolivia (MINEDU), Brazil (FAPESP), Chile (CONICYT), Cuba (FONCI), Dominican Republic (MESCYT), Ecuador (SENESCYT), Finland (AKA), Guatemala (CONCYT), Panama (SENACYT), Poland (NCBR), Turkey (TUBITAK), Uruguay (ANII).

ICT for urban sustainability: Nature-Based Solutions, Citizen Science and Systemic Urban Planning

Participating Funding Agencies: Argentina (MINCyT), Belgium (F.R.S. – FNRS), Bolivia (MINEDU), Brazil (CNPq), Brazil (FAPESP), Chile (CONICYT), Cuba (FONCI), Dominican Republic (MESCYT), Ecuador (SENESCYT), Germany (BMBF), Guatemala (CONCYT), Panama (SENACYT), Poland (NCBR), Peru (CONCYTEC), Turkey (TUBITAK), Uruguay (ANII).

ENERGY *(See Annex 2)*

Ocean energy: Development of Technologies for the Energy Valorization of Marine Resources within existing Large Research Infrastructures

Participating Funding Agencies: Argentina (MINCyT), Brazil (FAPESP), Costa Rica (MICIT), Cuba (FONCI), Dominican Republic (MESCYT), Ecuador (SENESCYT), Germany (BMBF), Guatemala (CONCYT), Mexico (CONACYT), Panama (SENACYT), Peru (CONCYTEC), Spain (MINECO), Uruguay (ANII).

Do I need to have an agreement with my national funding body in order to submit a proposal within the ERANet-LAC Joint Call?

No. Any eligible institution from a country participating in the ERANet-LAC call can submit a proposal directly to the Joint Call Secretariat using the CYTED Call Management System **http://calleranet-lac.cyted.org.**

The participating countries have appointed national Call Contact Persons (CCP) who will help research institutions from the respective countries to submit applications. If you need special support and assistance for your project preparation, please contact your CCP.

Which Funding Scheme will be applied in the Joint Call?

The 3rd Joint Transnational Call will be implemented through a ***coordinated funding scheme*** where each Funding Party will fund its own national scientific teams within a multilateral project ("***Virtual Common Pot***"), with a view to harmonize the funding contributions in order to guarantee the funding of the highest-quality projects with added value for bi-regional cooperation which have been selected through a peer review process.

How do I submit a project proposal under the ERANet-LAC Joint Call?

Project proposals are submitted through the web-based Call Management System CYTED-Webtool. In order to start the application procedure, please go to **http://calleranet-lac.cyted.org** and follow the indications provided

Note that proposals submitted by post, e-mail, fax or any other means will not be accepted and rejected without further review.

In addition to the online submission procedure, should I submit a paper copy of the proposal?

No, you should not send a paper version of the project proposal to the Call Secretariat. Some funding organizations may, however, ask for a copy of the application for internal processes (see the National Regulations annexed to the Call Text for details). If funded, you may also be asked to

provide further information to each funding agency.

Is there a deadline for the submission of a project proposal?

Yes. The deadline for the submission of a research proposal is **Thursday, 8th March 2018 (15.00 CET).** Note that access to the on-line submission system will be closed after the deadline.

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What are the national eligibility criteria?

The ERANet-LAC call includes 23 different national funding organizations with their own call management system. In order to respect the necessary national funding rules and procedures, national eligibility criteria have been defined by the participating countries. Project partners are advised to check in advance what type of costs are eligible for national beneficiaries as well as the funding rates and limits of the countries in question. See details in the internal/ national Eligibility and Funding Rules and/or contact your national Call Contact Person.

Which types of institutions are eligible for participation and funding?

Applicants can represent public and private scientific, research, technological and innovation institutions on national, federal or EU-LAC regional level, research active industry and NGOs and other institutions involved in research and or innovation activities, as long as they are eligible for funding according to the respective national and/or institutional regulations. To check if your institution is eligible for funding, see the specific internal/ national funding regulations (see http://eranet-lac.eu/Joint_Calls.php) and/or contact your national Call Contact Person.

How can I find the appropriate partner institutions?

ERANet-LAC supports the identification of partner institutions in Latina-America/Caribbean and Europe. On the project website **http://eranet-lac.eu/Joint_Calls.php** a partner search tool is published to help bring together interested applicants from countries in both regions.

All requests will be published in the search tool and made available to all interested institutions immediately.

Can I be an evaluator and a partner of a project proposal at the same time?

No! If you are the coordinator or a partner in a project proposal of the ERANet-LAC Joint Call, you are not allowed to perform as an evaluator.

Evaluators are selected by the Group of Funding Parties from a database following a pre-selection procedure through the Call Secretariat.

What is the role of the coordinator?

The project coordinator, has the overall responsibility for the project, and will represent the consortium in all communication with the Call Secretariat. The coordinator is responsible for submitting the proposal, and will receive the results of the evaluation. The contact data for the Coordinator her/himself (and optionally for her/his support staff) as well as for the institution must be given in the proposal.

It is recommended that the coordinators counter check the eligibility of all partners with the CCPs. Coordinators is allowed to contact the partners' national CCPs.

What is the role of the principal investigator?

There should be a principal investigator (PI) for each of the national research groups. Within a joint proposal, the principal investigator from each country will be the contact person towards the respective national funding organizations.
One of these PIs should be selected through the project consortium as coordinator to represent the consortium, submit the proposal, and establish any further communication with the Call Secretariat. The principal investigators within a joint proposal (Latin-American/Caribbean and European) will be the contact persons for the respective national funding organizations.

Must all partners be included in the project proposal at the submission stage?

Yes. The whole consortium must be identified and included from the start of the project. It is important to ensure that the minimum participation requirements are met (see next question below) and that all consortium partners are eligible for funding according to the national eligibility and funding rules.

How many partners must cooperate in a project proposal?

Each consortium submitting a proposal must involve a minimum of four eligible partners from four different countries with at least two countries from each region (see the list of funding organizations above).
There might be defined a maximum number of national partners applying for funding in the institutional rules of each funding organisation. The coordinator and the majority of partners in a consortium must be eligible for the funding organizations participating in this Call.

Self-financed associated partners may also be part of the consortia if they can clearly demonstrate an added value to the consortium and secure their own funding.

The associated partners must provide the Call Secretariat with a **signed official** letter of support from their Head of Department, Financial Director, or equivalent position, stating the commitment of the organization/company to provide its own funding. This letter must be included as an annex at the end of the proposal submission form.

Only transnational projects will be funded. Each collaborative consortium should have the optimal critical mass to achieve ambitious scientific/innovation goals and should clearly show an added value from working together.

Can I submit more than one proposal as a coordinator?

No. However, one research institution – as a legal entity – is allowed to participate as a coordinator or partner in several project proposals.

May I submit a proposal twice?

A given proposal may only be submitted for one of the topics supported within the framework of the ERANet-LAC call; otherwise it will be considered non eligible.

Researchers are only allowed to participate in one proposal as principal investigator of the coordinating institution (see above page 8).

What happens if one of the project partners is found ineligible for funding after the

submission of a project proposal?

The inclusion of a non-eligible partner in a proposal leads to the rejection of the entire proposal without further review.

Should I provide a detailed financial plan when submitting a project proposal?

Yes. The project coordinator is expected to calculate the overall costs and the requested amounts per partner. In the online application form it is required to give a detailed description of the requested funds for each cost category (labour costs, travel and subsistence, events, equipment, consumables, subcontracts, overheads, other costs).

How many applicants from a country are allowed to participate in a project?

Each funding organization decides about a maximum number of national partners applying for funding. Please ask your CCP in case this is not defined in the national rules of your country.

What are the requirements for a Consortium Agreement?

Each consortium selected for funding must provide a Consortium Agreement (CA), signed by all participants, to clarify the potential Intellectual Property Rights (IPR) matters (such as licensing in, licensing out, patent and exploitation strategy). The consortium agreement must be sent to the call secretariat before 31st January 2017. It must address (as a minimum), the following points:

- Common start date and duration of the research and / or innovation project
- Organization and management of the project
- Role and responsibilities of each partner resources and funding
- Confidentiality and publishing
- Intellectual Property Rights
- Decision making within the consortium
- Handling of internal disputes
- The liabilities of the research partners towards one another (including the handling of default of contract)

Any issues regarding funding are a bilateral matter between each project partner and the relevant funding organization and should be excluded from the CA. The CA, together with any other information required by national regulations, must be made available upon request to the national funding agencies.

Standard documents that can be used as templates and modified according to the specific needs of the consortium can be found at: http://www.desca-2020.eu/

What are the evaluation criteria for a project proposal?

The evaluation procedure will be done according to the criteria defined in the following:

1. Excellence

Note: The following aspects will be taken into account, to the extent that the proposed work corresponds to the topic description:

- Clarity and pertinence of the objectives;
- Credibility of the proposed approach;

- Soundness of the concept, including trans-disciplinary considerations, where relevant;
- Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art (e.g. ground-breaking objectives, novel concepts and approaches).

For energy topic only: Appropriateness of the proposal to the research infrastructure capability (evaluators will benefit from the advice and support of experts from the selected research infrastructure)

2. Impact

Note: The following aspects will be taken into account, to the extent to which the outputs of the project should contribute at the European and/or CELAC International level:

- The expected impacts listed in the topic description under the relevant topic;
- Enhancing research and innovation capacity and integration of new knowledge;
- Any other environmental and socially important impacts;
- Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant.
- In case of industry and SME participation: Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of global markets, and where relevant, by delivering such innovations to the markets
- Added value for the EU-CELAC cooperation in R&D&I
- Mobility, networking and training of human resources in both regions.

3. Quality and efficiency of the implementation

Note: The following aspects will be taken into account:

- Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources;
- Complementarity of the participants within the consortium (when relevant);
- Appropriateness of the management structures and procedures, including risk and innovation management.
- For energy topic only: Appropriateness of the proposal to the research infrastructure

4. Potential for economic impact and applicability and exploitation of results

Note: The following aspects will be taken into account:

- Scientific advantage and potential for economic impact
- Feasibility
- Involvement of stakeholders
- Communication and dissemination of results
- Exploitation and transfer of results
- Management of intellectual property issues and consortium agreements;

What are the rating scores for a project proposal?

The evaluation procedure will be done according to the above mentioned criteria. Each evaluation criterion will be measured through categories and on the above 5 - 1 scale. Each of the mentioned evaluation criteria will be measured through categories and on the below 5 - 0 scale.

EXCELLENT = 5 points **The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.**
VERY GOOD = 4 points

The proposal addresses the criterion very well, but a small number of shortcomings are present.
GOOD = 3 points **The proposal addresses the criterion well, but a number of shortcomings are present.**
FAIR = 2 points **The proposal broadly addresses the criterion, but there are significant weaknesses.**
POOR = 1 point **The criterion is inadequately addressed, or there are serious inherent weaknesses.**
0 points **The proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.**

No additional criteria will be used for evaluation and selection of the proposals.

What is the evaluation procedure for the ERANet-LAC Joint Call?

The selection of the proposals for funding is based on an international, independent remote peer-review procedure. A dedicated pool of evaluators, consisting of external independent experts, will assess anonymously the merits of the submitted proposals. Each proposal will be evaluated by three external independent evaluators. Following the peer-review process, Scientific Expert Committees, consisting of scientifically multidisciplinary experts with large experience in managing, following and evaluating transnational projects in each of the thematic areas, will consolidate the results of the evaluation and make recommendations to the Group of Funding Parties (GFP).

The final recommendation for funding rests with the Group of Funding Parties. The formal funding decision will be made by the respective national Funding Party.

What are the reporting requirements for projects funded in the ERANet-LAC Joint Call?

If required, each participant should submit financial and scientific reports to their **national funding organisations**, according to national regulations. The progress and final results of each individual contract/letter of grant will be monitored by the respective national/regional funding organisations.

Funding recipients must ensure that all outcomes (publications, etc.) of funded projects include a proper acknowledgement of ERA-Net LAC and the respective national/regional funding partner organisations.

The outcome will contribute to the overall evaluation of the ERANet-LAC Joint Transnational Call.

What is the schedule for the call?

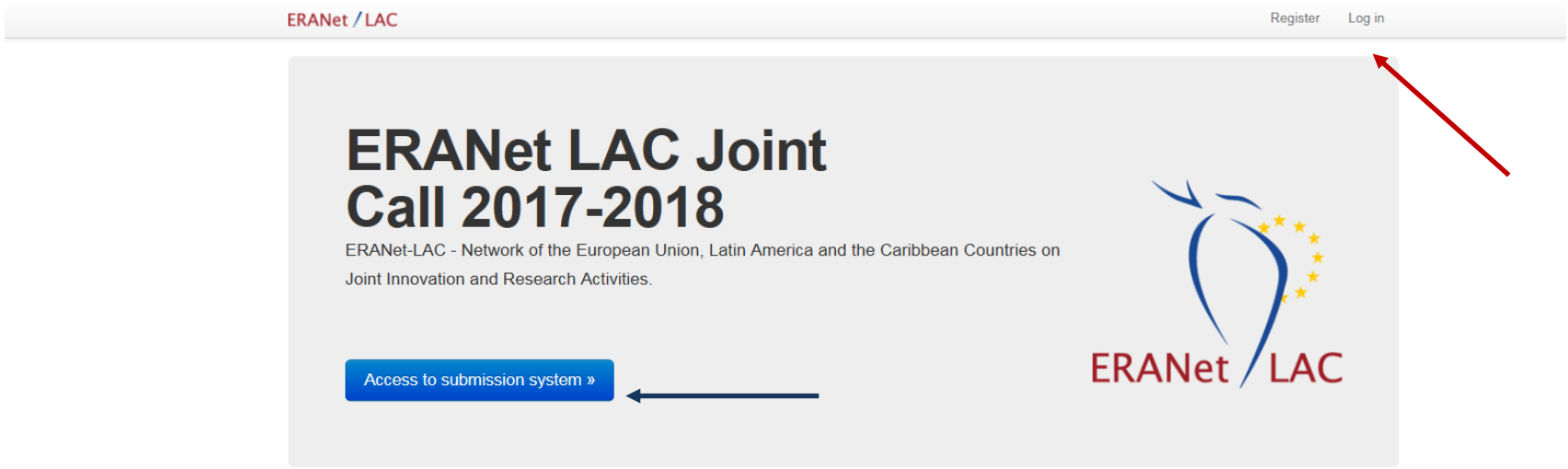
Publication of the Call for Proposals	Monday, 20th November 2017
Deadline for proposal submission	Thursday, 8th March 2018 (15.00 CET)
Eligibility check: International and national as well as technical feasibility check of proposals	Starting with the submission of the proposals, ending 31st March 2018
External evaluations	Starting end of March until 25th May 2018
Scientific Evaluation Committees' meeting (ranking of proposals)	Starting end of May until 30th June 2018
Meeting of funding parties to decide which proposals will be funded	Beginning of September 2018
Information of applicants about the results of the evaluation	End of September 2018
Preparation of national/ regional funding contracts/funding decisions	September until November 2018
Start of projects	November 2018 – January 2019
Provision of Consortium Agreement to the Call Secretariat	Before 31st January 2019
Maximum duration of projects	36 months

Where can I find more information about the ERANet-LAC project and the Joint Call?

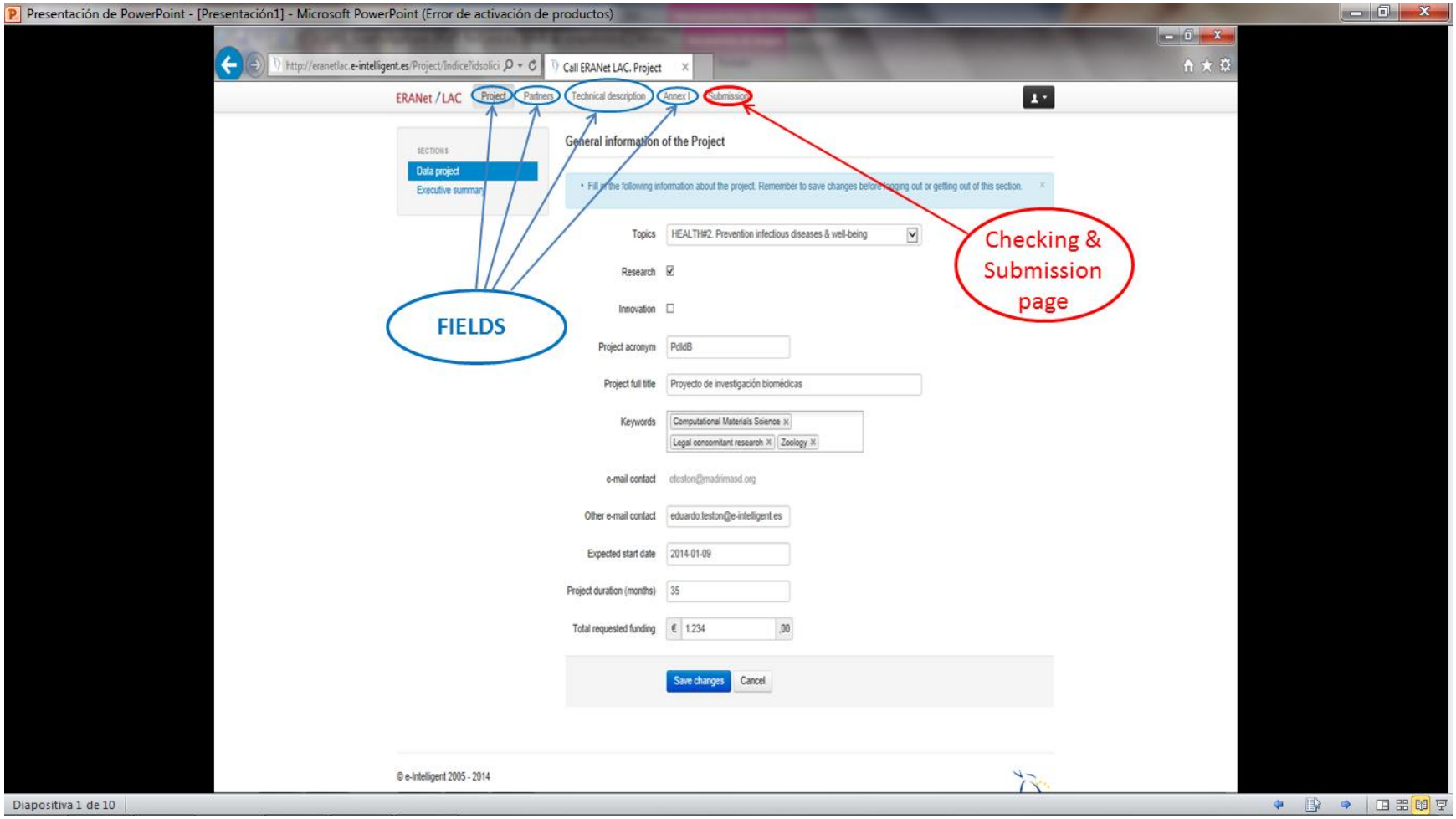
Please visit the website **http://www.eranet-lac.eu** for further information about the ERANet-LAC project and the 3th Joint Call.

The application procedure is managed by the Call Management System of CYTED:
http://calleranet-lac.cyted.org.

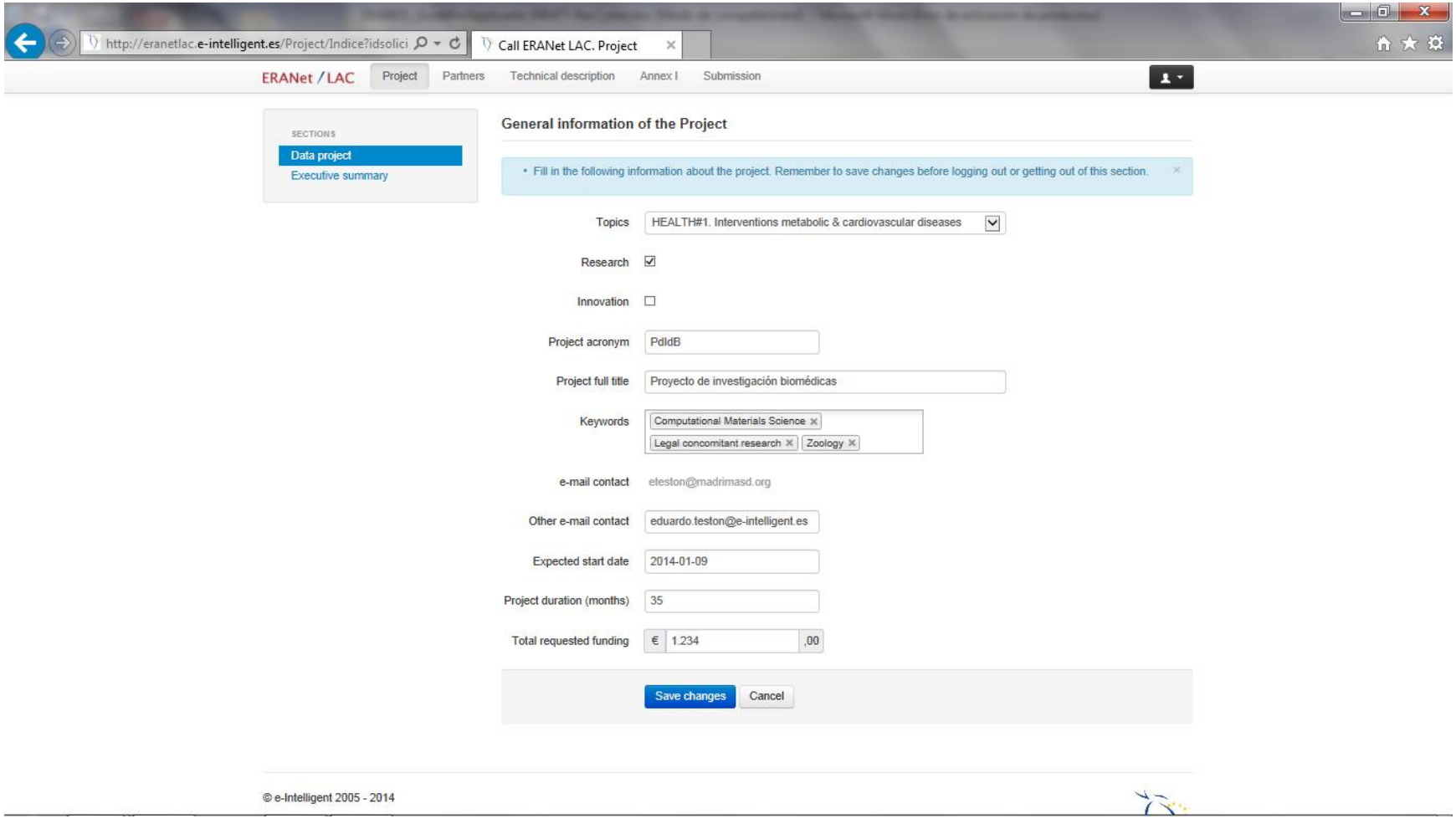
II. SCREENSHOTS OF THE ONLINE APPLICATION PROCEDURE



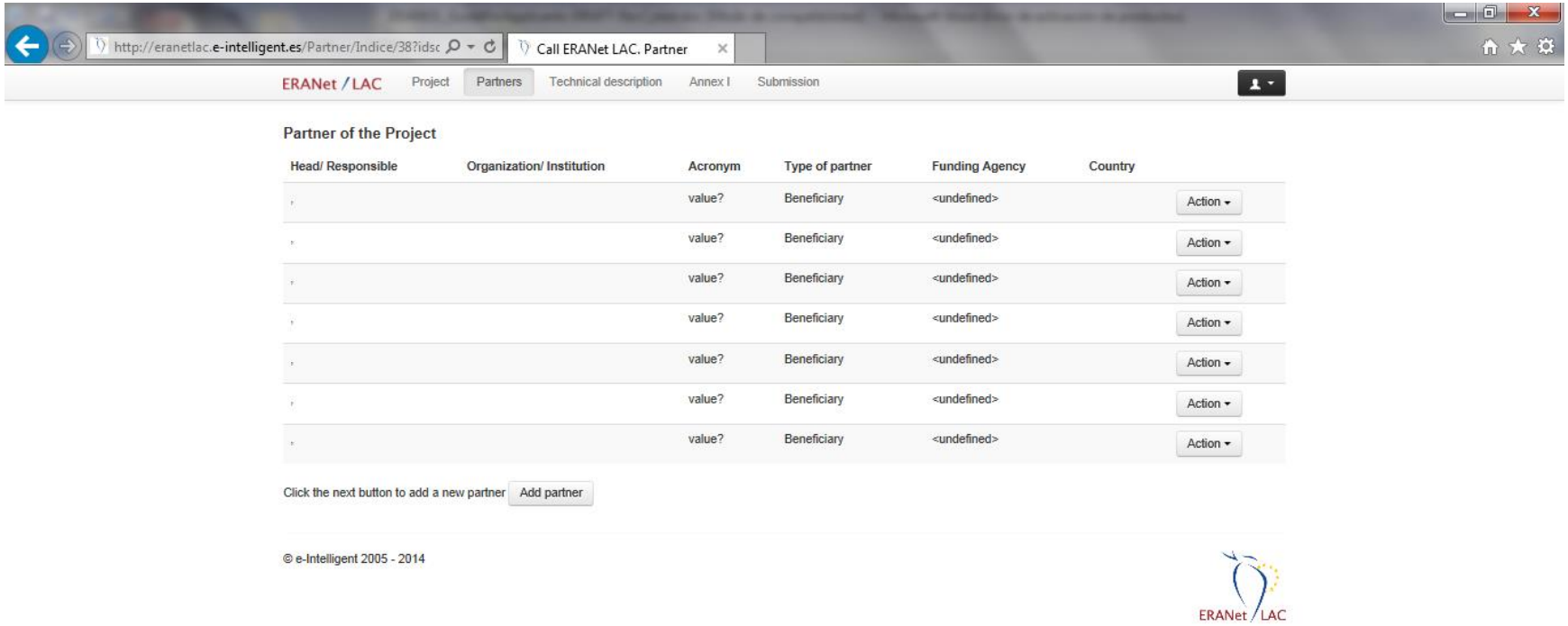
Registration: Before you can log into the electronic proposal submission system, you need to register. Please click on the top right icon "Register", enter your E-mail address and follow the instructions. During the registration process you will receive back a password via the given E-mail address. Then you can ***Access to the submission system*** (blue button) with E-mail address and password. After login you can enter data and information about your research project.



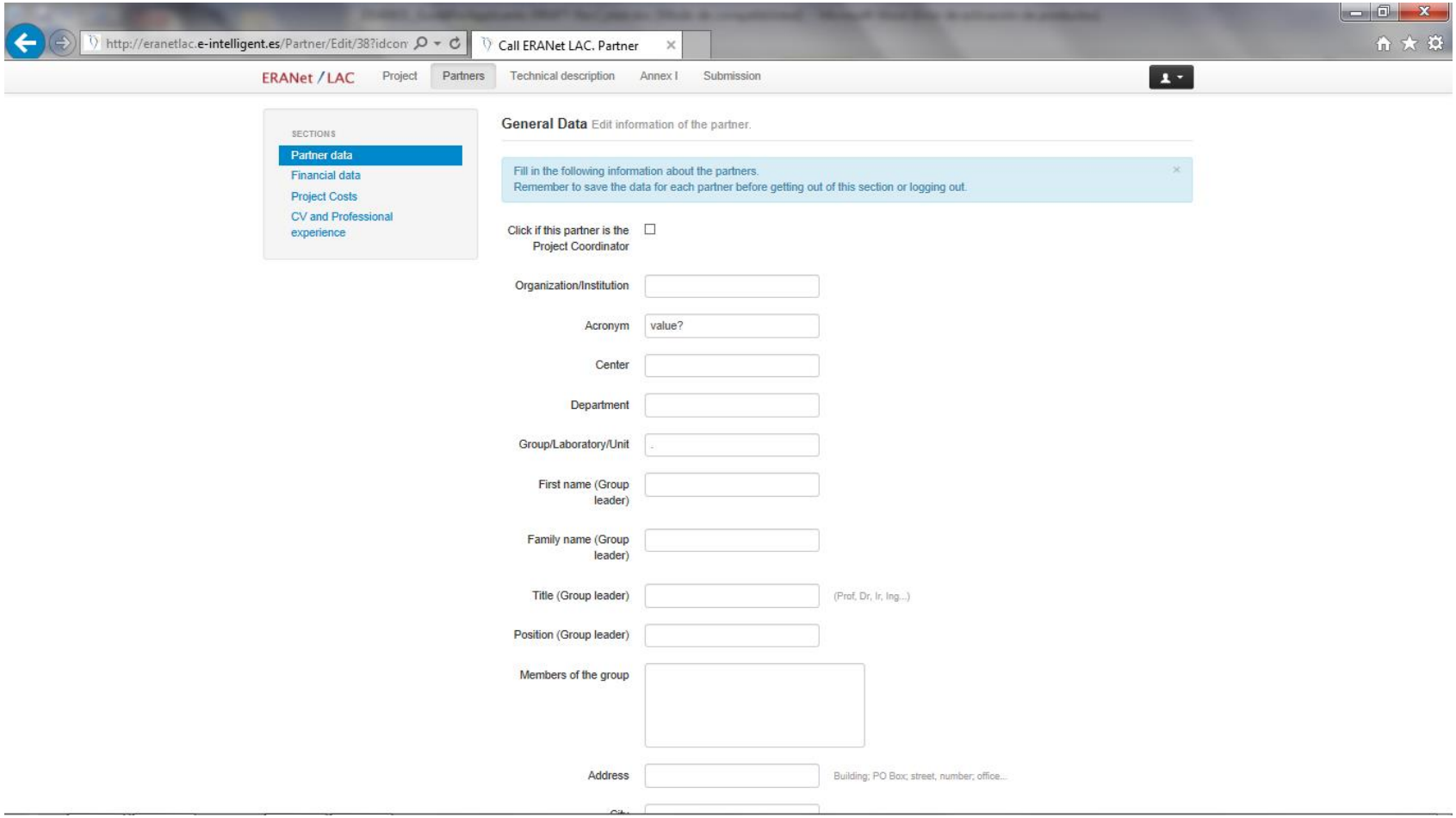
The application form is structured in four different fields or pages (access buttons on the top): ***Project, Partners, Technical description*** & ***Annex***. The fifth page, ***Submission***, allows the checking and final submission of the proposal.



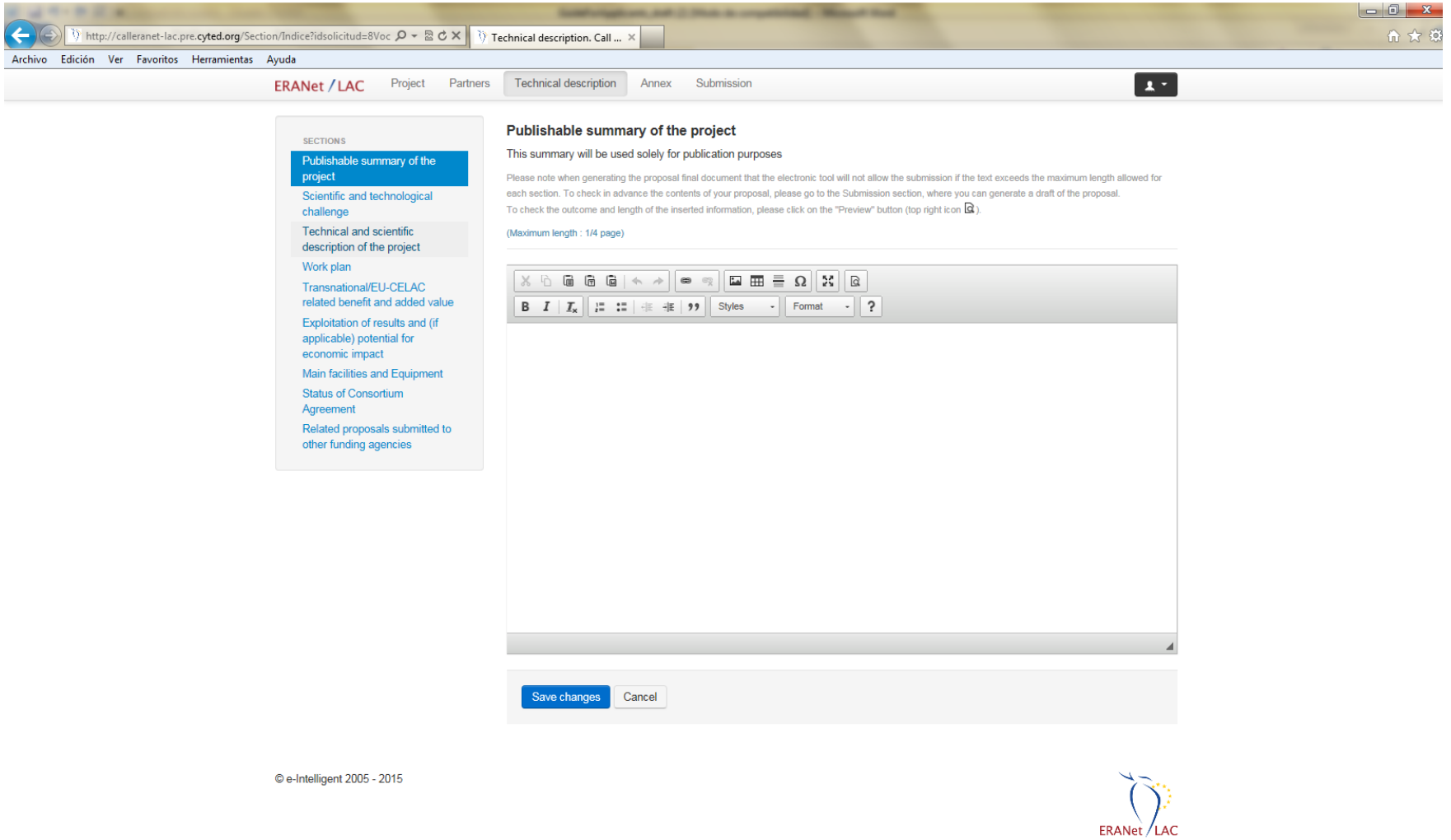
Step 1: the page **Project** is referred to the general information and includes two sections: Project data (topic, research and/or innovation project, acronym, tittle, keywords, e-mail contact, start date, duration, requested funding) and Executive summary



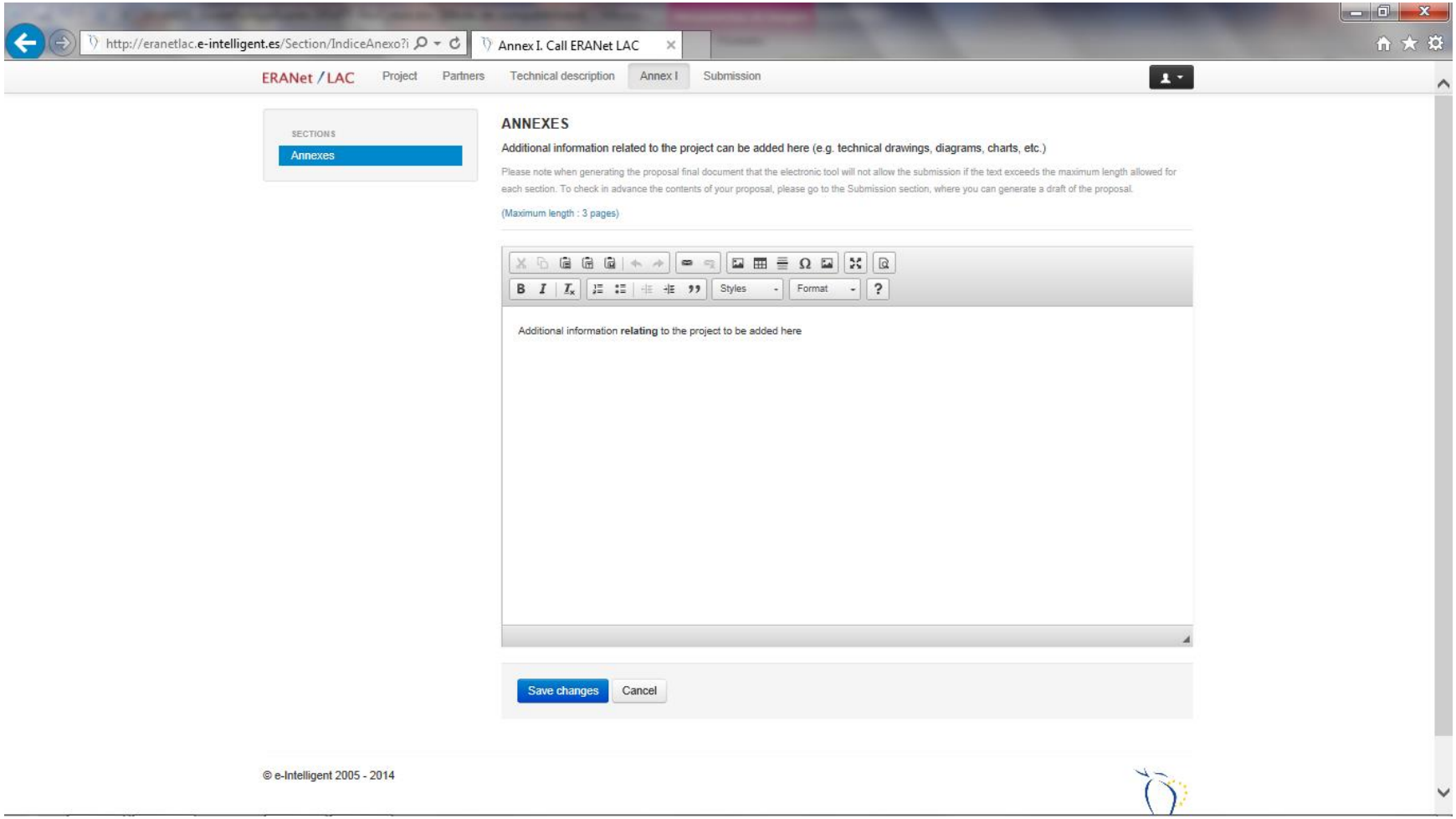
Step 2: the page **Partners** compiles the full list of project partners. Click on the "Add partner" button to start the listing.



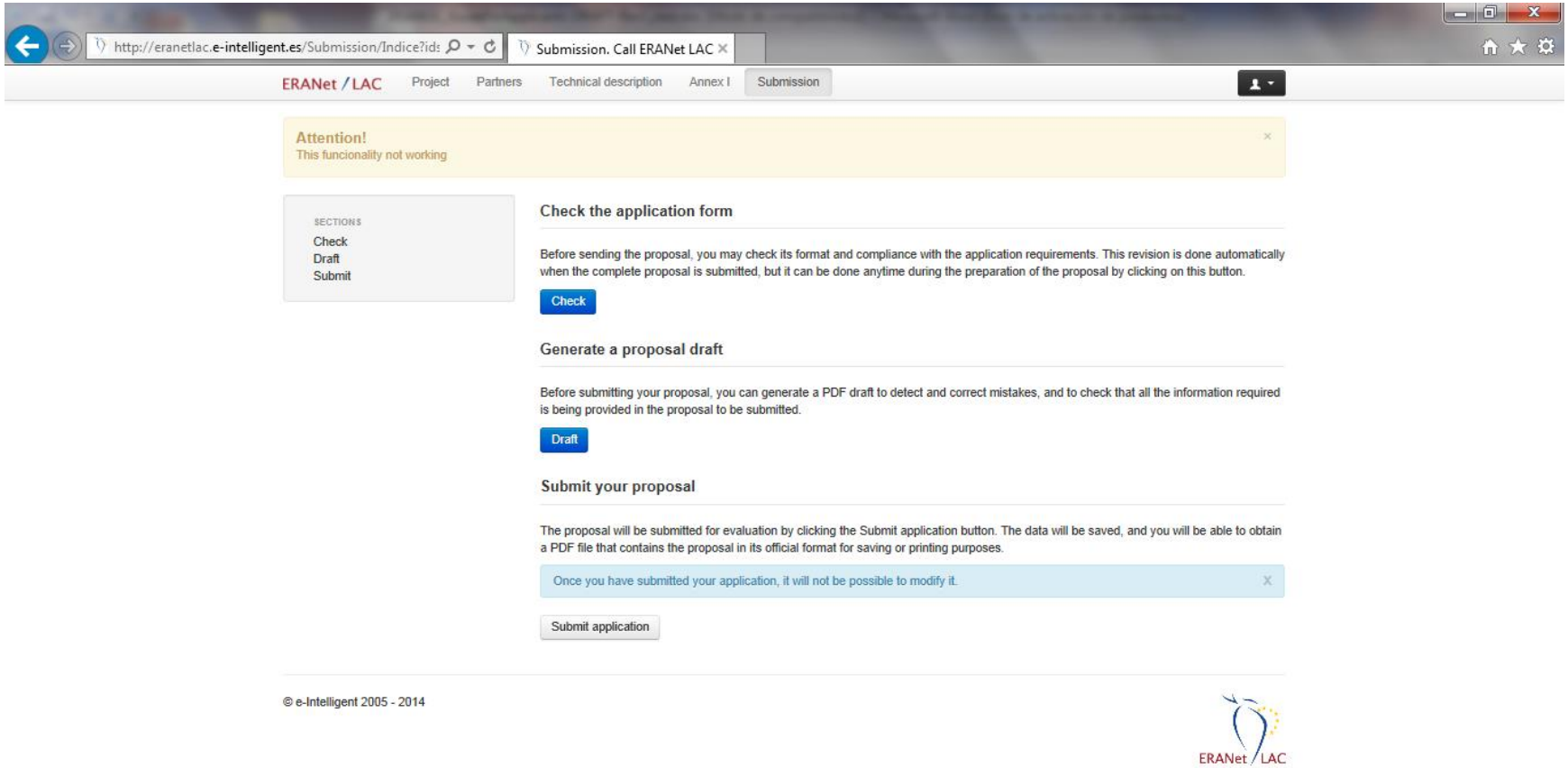
For every partner included in the list, there are 4 sections:
Partner data: organization/institution, acronym, center, department, group/laboratory/unit, full name, title and position of the group leader, members of the group, address, city, post code, country, telephone, e-mail, website.
Financial data: type of partner, funding agency, activity type, total effort (person months), total costs, total requested funding.
Project costs: personnel, equipment, materials, subcontracting, travel and subsistence costs, other costs, overheads.
CV and professional experience: brief CV of the coordinator and the group leader (Principal investigators) including a list of each partner's 5 most relevant publications in the last five years.



Step 3: the page **Technical description** includes nine sections: Publishable summary of the document; Scientific and technological challenge; Technical and scientific description of the project; Work plan; Transnational/EU-CELAC related benefit & added value; Potential for economic impact and exploitation of results; Main facilities and equipment; Status of consortium agreement; Related proposals submitted to other funding agencies.



Step 4: the page **Annex** allows including in the proposal any additional information that the applicants may consider relevant: texts, figures, charts, letter/s of commitment from associated partners, etc (Max 5 documents).



Step 5: On the page **Submission** you can check at any time if the proposal adjusts to the application requirements (this revision is nevertheless done automatically when the proposal is submitted). Additionally a .pdf file can be generated before submitting the proposal in order to detect and correct mistakes. The proposal will be submitted for evaluation by clicking the "Submit application" button. Afterwards you'll be able to generate a .pdf file for saving or printing purposes. Please be aware that once submitted the proposal cannot be modified.

Annex 1 – Call Secretariat and Call Contact Persons

The **ERANet-LAC Call Secretariat** is entrusted with the overall operational management of the present EU-CELAC Joint Call. It is the general contact point for first questions related to the Joint Call, the application process and the use of the CYTED webtools.

The **Call Contact Persons (CCPs)** are located in each country which participates in the present Joint Call. One of their main tasks is to advise the potential applicants from their countries/regions on the applicable national/regional regulations during the proposal submission process.

CALL CONTACT PERSONS			
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Annex 2: Research Infrastructures – Only Topic: Energy

I. PLOCAN RESEARCH INFRASTRUCTURE: HOSTING FOR TESTING / OPERATION OF MARINE TECHNOLOGIES

The Oceanic Platform of the Canary Islands (PLOCAN) is a joint initiative between the Spanish and the Canary Islands governments, with the support of the European Regional Development Fund.

PLOCAN is a multipurpose service centre with land-based and sea-based unique infrastructures to support and accelerate research, technology development an innovation in the marine and maritime sector. Its mission is to provide excellence facilities and services to explore and test science and technology concepts and prototypes in coastal and oceanic environments, providing a cost-effective combination of services, such as observatories, test site, base for underwater vehicles, training and innovation hub. PLOCAN makes available for the "Joint Bi-Regional Pilot Call on Ocean Energy and Research Infrastructures" its infrastructures, equipment and services including hosting and testing, operation and maintenance, training and consultancy for novel marine technologies and prototypes. E.g. PLOCAN provides sea-based and land-based infrastructures to host offshore renewable energy devices interested to come to the Canary Islands to learn, design and/or carry out any field test experiments, including technological, environmental, social and economic aspects. PLOCAN offers an integrated service to push forward marine technologies from TRL4 up to TRL8. Examples of PLOCAN services are:

1. MARINE RESERVE: 23 km2 with a bathymetry ranging from 0 to 600 meters. PLOCAN has delegated competences in this area from the National Authorities of Spain and, therefore, can facilitate and speed up the processes for permissions and authorizations for marine technology tests/operations.

2. FORECASTING MODELLING & ENVIRONMENTAL MONITORING SERVICES: PLOCAN Marine reserve has been extensively studied and real or almost real-time measurements are taken periodically to provide a standardized 3 days forecasting assessment for key parameters for Ocean Energy such us: wave direction, height and frequency and currents and Wind intensity and direction. In addition, PLOCAN marine reserve provides the measurement of key oceanographic parameters of the sea water including: temperature, salinity, oxygen, turbidity and chlorophyll; meteorological parameters such us: pressure, air temperature, relative humidity, rainfall and PAR (Radiation). The subsea passive acoustics noise can be also measured by PLOCAN on demand.

3. SUBMARINE ELECTRICITY AND COMMUNICATION INFRASTRUCTURE (ECI): A hybrid cable with the capacity to evacuate up to 5 MW of electricity is available for demonstrations. Furthermore, the data transmission of crucial performance indicators of the marine devices can be also transmitted to land throw this cable via fiber optic. The ECI is directly connected to a land substation that allows the flow of the generated power to the Island main electrical grid. In addition a SCADA systems is also installed on land to control and register crucial performance indicators that can be transmitted and assess on PLOCAN Land-base facilities.

4. THE OCEANIC PLATFORM: a fixed offshore platform located, at the same time, close to the

coast and near of the edge of the continental shelf, in shallow waters (30 m depth) is also available to conduct complementary assays and/or explore multipurpose/co-location solutions. The Platform has a net surface of 2,500 m2 of research capacity, space for laboratories, instrumented containers and capacity to accommodate permanently researchers distributed in a multi-storey building with a main dock of 1,000 m2.

5. LOGISTIC SUPPORT: Based on its field work experience and its stakeholder network, PLOCAN put at disposal of its users logistical support in conducting the experiment. This includes transport of the device from origin to Gran Canaria, interaction with Port authorities for installation, deployment, maintenance, decommissioning, operations, permissions/authorization management and others that may be necessary to successfully test the prototypes.

6. AUTONOMOUS VEHICLES FLEET: the infrastructure is equipped with cutting-edge marine autonomous vehicles both underwater (AUVs) and surface vehicles (ASVs) and well with a Remote Operating Vehicles that can be used if necessary for monitoring, inspection or control activities.

7. LAND-SEA BIDIRECTIONAL COMMUNICATION INFRASTRUCTURE: Besides the ECI that allows submarine communication between PLOCAN Marine test site and its land base, a wide range of modern and traditional sea-land communication infrastructure are available for researchers based at PLOCAN. This includes among others: the main satellite communications (ARGOS, IMARSAT, IRIDIUM), Wi-FI, Tetra System and Marine Band. All data transmitted can be stored and processed using the PLOCAN Data Processing Centre.

8. LAND-BASED FACILITIES: Researchers coming to PLOCAN may request land base facilities access while their stay at the infrastructure. These facilities include among other: full equipped and connected office spaces, specialized labs and garages for maintenance/reparation, demonstration room, meeting rooms and conference rooms.

BASIC MARINE TEST SITE DATA

AREA: 23 Km2
BATHYMETRY: 0 – 600 m (deeper if needed)
GEOLOGY: Deeply studied. The parameters available for the test site area comprises: size, plasticity, humidity, density, porosity and organic matter. Sea bottom of the test site is composed mainly by different types of sand and some scattered rocky sectors.
ANNUAL AVERAGE WIND SPEED (80 M height): 23,3 -25,3 km/h; 6,5 – 7 m/s
ANNUAL AVERAGE WIND POWER DENSITY (80 m height): 300 – 400 w/m2; approx. 3000 hrs/yr
CURRENT VELOCITY: An average of 170 ± 145 mm/s
AVERAGE WAVE HIGH: 1,05 m (Time series from 1992 – 2014)
AVERAGE WAVE PERIOD: 5,21 s (Time series from 1992 – 2014)
AVERAGE WAVE FREQUENCY : 8, 16 s (Time series from 1992 – 2014)
AVERAGE WAVE POWER (KW):7,2 (3rdQuartile); 5,5 (mean); 6,0 (St. deviation); 3,7 (median)
SURFACE TEMPERATURE RANGE: 18 -24 °C SURFACE SALINITY RANGE: 36,60 – 36,95

II. IH CANTABRIA INSTITUTO DE HIDRÁULICA AMBIENTAL DE LA UNIVERSIDAD DE CANTABRIA.

The Environmental Hydraulics Institute is a joint research center that carries out research, knowledge transfer and training of specialists in the fields of fresh and saltwater. This work has allowed IH Cantabria to be at the forefront of national and international organizations working in marine renewables. At IH Cantabria there are over 140 researchers and the center has over thirty years of experience.

IH Cantabria is developing basic and applied research for the study marine renewable energies throughout projects and collaboration with other research centres, administration and industrial and engineering firms. Floating and fixed offshore wind and wave concepts analysis design and simulation have been one of the major topics thanks to in-house models and methodologies supported by a large-scale tests facility (CCOB). During the last ten years, IH Cantabria, has actively participated on more than 60 projects. It also has an extended scientific network with European and American Universities. Based on a continuous R&D process, over the last years IH Cantabria has generated significant scientific contributions to wave energy converters modeling, as well as, wind industry modeling and testing. From the governmental perspective, IH Cantabria has collaborated with different government levels and one for the most important examples is the Spanish wave energy resource atlas designed and created by IH Cantabria.

The Cantabria Coastal and Ocean Basin is a combination of three integrated systems to be used in the applied research of coastal and offshore engineering: experimental, numerical and physical modelling system.

The main goal of the physical modelling system is to carry out testing to measure hydrodynamic and wave-structure interaction processes, which can include the sediment transport effects, the effects of tsunamis and the wave-current and wave-wind interaction. The physical modelling system also includes a wave/current flume able to generate waves, including long-waves such as tsunamis, and following or opposing currents, as well as a large open-area reserve for physical modelling of undefined boundary studies, such as river meanders, estuaries and ports.

Main characteristics:

- Length: 30m
- Width: 44m
- Maximum depth: 3.4 m
- Minimum depth: 0.2 m
- Maximum available testing area: 760 m2
- Wave generation: Segmented system formed by 64 independent wave paddles (0.5m wide and 4.5 m high). Each one is triggered by two articulated arms and a vertical connecting rod. Full 3D active wave absorption. Passive wave absorbers around the full perimeter. Non-linear wave generation, and second order long-wave generation. Lateral panels for directional wave generation with virtual paddles (corner reflection method, increases the width of the wave machine)
- Current generator: 12 thrusters, 900 mm in diameter and 25 kW/thruster
- Wind generator: Group of 9 computer controlled wind fans mounted on a closed portable and variable height frame with a wind stabilization system and funnel.
- Hardware in the loop: Advanced systems for the simulation of aerodynamic performance of small to large wind turbines at laboratory scale including, transient winds, as well as turbine control systems.

Applications
CCOB applications include marine hydrodynamics, flow-structure interaction, offshore technology, safety and reliability of marine structures, offshore platforms, marine renewable energy, floating structures, marine geotechnics, materials engineering for marine environment, design of submarine vehicles, design of oceanographic instrumentation, analysis of constructive systems in the marine environment.

III. WAVE FLUME. INSTITUTO DE MECÁNICA DE FLUIDOS E INGENIERÍA AMBIENTAL DE UNIVERSIDAD DE LA REPUBLICA. URUGUAY

Wave flume has a large canal of 70 m length, 1.5 m wide and 1.8 m height with a piston type wave maker manufactured by VTI, equipped with the AwaSys software from Aalborg University for wave generation and dynamic absorption. The wave maker can generate waves of up to 0.6 m heigh and 2 s period with 1.2 m water depth.

Measuring equipment:
7 Akamina Wave Height Gauges
1 Nortek Vectrino acoustic velocimeter to measure 3D water velocity
1 Met-Flow UVP-DUO for 1D velocity profiling
Several Honeywell pressure gauges