













Application Form Guide

Aviso MPr-2023-12

Projetos de IC&DT em Todos os Domínios Científicos 2023

















This Application Form Guide aims to support the PI throughout the application process to the Scientific Research and Technology Development (SR&TD) Projects Call in all Scientific Domains 2023 (MPr-2023-12), and to help him/her preparing and submitting a successful application. It is recommended to consult the full call documentation available at <u>Balcão dos Fundos</u> and <u>FCT webpage</u>. The period of application submission for the current Call is from 22 December 2023 to 21 March 2024.

















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1. Introduction

Applications are submitted online at <u>Balcão dos Fundos</u> and <u>must be written in English, except when clearly</u> indicated.

To register your application, make sure you have the proper credentials. <u>The Principal Investigator (PI) should receive a personalized invitation from the Institution to register the application</u>.

A PI may only submit one application as a PI and can participate in this call and as well in the FCT 2023 Call for Exploratory Projects as team member of another application. Each researcher (**who is not PI of an application**) can only participate as team member in a maximum of 3 applications in the present call and in the FCT 2023 Call for Exploratory Projects.

Applicants who provide false information or plagiarize will be disqualified.

The application form is organized in 14 sections:



2. Guidelines for filling in the Application form

In the following chapters of this Guide, a detailed description of the contents requested in each section of the Application form is presented. Some of the fields in the form have a limited number of characters.

We recommend the PI not to wait until the **last minute to submit and make any corrections to the application.**Do not assume that the form and rules for submission of this application are the same as those used in other FCT programs or by other funding Agencies.

The following indications are **suggestions** on how to fill in the application. The PI is responsible for the structure and should adjust it according to the scientific discipline or inter-disciplinary nature. The research plan should be designed for a 36-month period, the maximum duration of the project. The project must be designed for a minimum investment of €50.000 and a maximum of €250.000, regardless of the number of













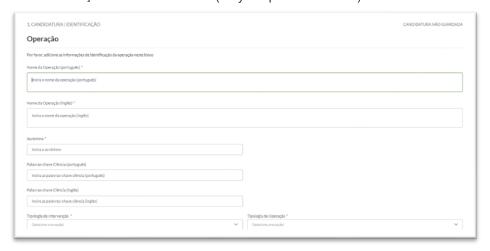
beneficiaries involved. The project can be presented individually (one beneficiary) or in co-promotion (multiple beneficiaries).

Section 1 – *Identificação* / General Data

OPERAÇÃO / PROJECT

In this section PI should fill in the general data of the application:

- TÍTULO / TITLE: clear, concise and accessible to broad public (250 characters)
- ACRÓNIMO / ACRONYM: assign an acronym for the identification of the project (20 characters)
- PALAVRAS CHAVE CIÊNCIA / KEYWORDS: list a **maximum** of 4 **keywords**. The keywords are likely to be used in the peer-review process of the application and should accurately reflect its scientific content. This is particularly important for interdisciplinary applications
- TIPOLOGIA DE INTERVENÇÃO / INTERVENTION TYPE: (only 1 option available)
- TIPOLOGIA DE OPERAÇÃO / PROJECT TYPE: (only 1 option available)



Section 2 – Entidades / Institutions

- BENEFICIÁRIOS / BENEFICIARIES
- CONTACTOS DE CANDIDATURA / APPLICATION CONTACTS: these contacts refer to the person(s) from the institution responsible for the call self-explanatory

BENEFICIÁRIOS / BENEFICIARIES













This section identifies the institutions involved in the project, both from an administrative and financial management perspective and in terms of scientific execution.



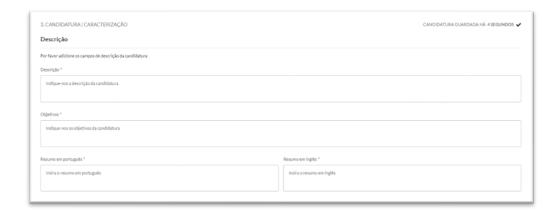
To add a new beneficiary, NIF must be inserted and validated.



Section 3 – Caracterização / Characterization

This section is divided into the following fields:

- DESCRIÇÃO / DESCRIPTION: description, objectives and abstract of the project
- CONTEXTO / CONTEXT: state of art
- CRONOGRAMA DA OPERAÇÃO / TIMELINE



















DESCRIÇÃO / DESCRIPTION

Descrição da Candidatura / Application Description (7000 characters)

The PI should describe the relevance of the project that will be presented, the benefits and who will be the beneficiaries of the initiative.

Objetivos / Objectives (3500 characters)

Pls should focus on the following questions:

- i) To what extent does the proposed research address important challenges?
- ii) To what extent are the objectives ambitious and beyond the state of the art (e.g. novel concepts and approaches or development between or across disciplines)?

Resumo (PT) / Abstract (EN) (450 characters)

In this section, the summary of the proposal should be presented, in **Portuguese and English**, with a clear understanding of the objectives of the research proposal, how they will be achieved, the knowledge and skills available in the research group, identifying the novelty and the expected results.

CONTEXTO / CONTEXT

Estado de Arte / State-of-the-Art (3500 characters)

In this section, PI must provide an overview of his/her research field, presenting the state of the art of the research area and its relation with the ground-breaking nature and potential impact of the proposed research project. References to the PI's previous work should be included.

CRONOGRAMA / TIMELINE

Duração / Duration: the duration is calculated automatically.









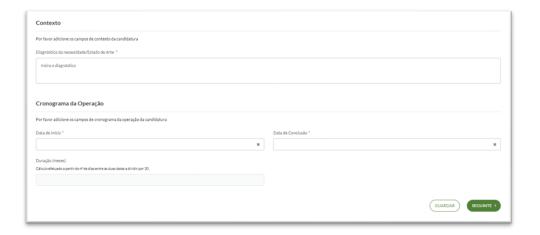












Section 4 – Enquadramento / Framework

- ATIVIDADE ECONÓMICA / ECONOMIC ACTIVITY self-explanatory
- OPERAÇÕES RELACIONADAS / RELATED PROJECTS
- ENQUADRAMENTO SA3CT / FRAMEWORK SA3CT
- **ENQUADRAMENTO / FRAMEWORK**

OPERAÇÕES RELACIONADAS / RELATED PROJECTS

In this section, PI should refer to projects funded by PT2020 and PT2030. In Section 9, the PI will have the opportunity to list any kind of projects, funded by different programs (submitted, approved, in progress or concluded), allocated to team members and related to the present application.



ENQUADRAMENTO SA3CT / FRAMEWORK SA3CT



















Area Scientific Principal / Principal Scientific Area

The scientific domain, area and subarea, which best classify the proposal, should be chosen from the available options, starting with the main scientific domain. The scientific domains, areas and subareas and the corresponding evaluation panels are listed in Annex I.



Only one scientific domain should be selected. The PI is ultimately responsible for this selection, which reflects the corresponding evaluation panel.

Questões Éticas / Ethical Issues

Please indicate whether there are any ethical issues identified in the project. If yes, select the ethical statements considered to be the most appropriate and the reasons for the choice. The available options are described in detail in the Fthics Self-Assessment Guide.

Agenda 2030 / 2030 Agenda

There are 17 SDGs, in areas that affect the quality of life of all citizens of the world and those who are yet to come. In this section PIs should identify one, or up to a maximum of three, of the 17 Sustainable Development Goals of the United Nations 2030 Agenda and justify how the application fits into the selected Nations Sustainable Development Goals (SDGs).

Enguadramento / Framework

For more details, please check "Anexo A – 3. Domínios Prioritários da Estratégia Nacional de I&I para uma Especialização Inteligente - ENEI 2030 e EREI2030" of the Announcement of the Call available at Balcão dos Fundos and FCT webpage.



















Section 5 - Critérios de seleção / Selection Criteria

In this section the PI may present a self-assessment with critical reflection and judgments about accuracy, worth, innovative nature and impact of the research project.

Pls should provide a realistic and coherent self-evaluation through the following dimensions, detailed in "Anexo A – 2. Referencial de Mérito" of the Announcement of the Call available at Balcão dos Fundos and FCT webpage:

- B1 CARATERIZAÇÃO E QUALIFICAÇÃO DOS RECURSOS HUMANOS AFETOS À EXECUÇÃO DO PROJETO / CHARACTERIZATION AND QUALIFICATION OF THE HUMAN RESOURCES ASSIGNED TO THE EXECUTION OF THE PROJECT
- B2 Caráter Inovador do Projeto / Innovative Nature of the Project
- C1 ADEQUAÇÃO DOS RECURSOS HUMANOS, MATERIAIS E TECNOLÓGICOS ÀS AÇÕES PROPOSTAS / ADEQUACY OF THE HUMAN, MATERIAL AND TECHNOLOGICAL RESOURCES TO THE PROPOSED TASKS
- D1 IMPACTO ECONÓMICO E SOCIOCULTURAL / ECONOMIC AND SOCIO-CULTURAL IMPACT
- D2 EFEITO DE DEMONSTRAÇÃO, DISSEMINAÇÃO E VALORIZAÇÃO DOS RESULTADOS / DEMONSTRATION OF IMPACT, DISSEMINATION AND VALUATION OF RESULTS



















CRITÉRIOS DE SELEÇÃO / SELECTION CRITERIA

B1 – Caraterização e qualificação dos recursos humanos afetos à execução do projeto / Characterization and qualification of the human resources assigned to the execution of the project (max. 3500 characters)

This sub-criterion is intended to evaluate the merit of the research team, considering the team's configuration and its suitability to the project's activities, including the PI's scientific and professional career path in the following dimensions:

- Merit of the scientific and professional career path of the PI and Research Team valuing the different such as: participation in research projects; scientific leadership/organization/participation in networks and conferences; participation in activities of scientific training and management; degree of internationalization of the team (if applicable).
- Relevant outcomes of previous projects and their contribution to the advancement of knowledge, assessed through the qualitative appraisal of publications or other professional and scientific works and actions considered as the most representative of the career path of the PI and other research members.

B2 - Caráter Inovador do Projeto / Innovative Nature of the Project (max. 3500 characters)

This sub-criterion aims to assess the scientific and technological merit of the project and its innovative and distinctive nature, from an international standpoint, considering the following aspects:













• Relevance, clear identification of objectives and originality of the project proposed (based on the state-of-the-art in a determined scientific area) and its innovative nature.

C1 – Adequação dos recursos humanos, materiais e tecnológicos às ações propostas / Adequacy of the human, material and technological resources to the proposed tasks (max. 3500 characters)

The sub-criterion C1 evaluates the feasibility of the research plan, the methodology and the human, material, and technological resources to the proposed tasks, considering the following:

- Ability of the research team to adequately execute the proposed project considering the team's
 dimension and configuration, as well as the availability and commitment of its members (and other
 entities, when applicable), taking into account the PI's qualifications to meet the challenges of the
 project, particularly in terms of management.
- Feasibility of the project, taking into consideration the theoretical framework, the research methodology and the work plan.
- Adequacy of the project in relation to the objectives and expected results (duration, equipment, institutional and management resources).
- If applicable, analysis of the risks associated to the different stages of the project should be considered, with special focus on the identified critical points and the corresponding contingency plan.

D1 - Impacto Económico e Sociocultural / Economic and Socio-Cultural Impact (max. 3500 characters)

Sub-criterion D1 evaluates the potential impact of the project for economic growth and its contribution to science and society, considering the following parameter:

 Potential impact of the project, including the advancement of knowledge, in an economic and societal dimension.

D2 - Efeito de Demostração, disseminação e valorização dos resultados / Demonstration of impact, dissemination and valuation of results (max. 3500 characters)

This sub-criterion assesses the potential of techno-scientific research results, including its impact on the project's outcomes, taking into account the strategy for disseminating, demonstrating and valuing the results, considering the following:







- The identification of measures for valuation, communication, and dissemination of the results at the different stages of the project, and how they will maximize the project's impact.
- The identification of the target groups of the tasks (final users, potential investors, scientific community, general public, etc.) for dissemination and communication of results.

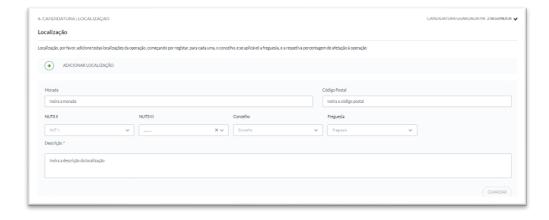
Section 6 - Localização / Host Institutions

LOCALIZAÇÃO / HOST INSTITUTIONS

Please note that each task described in the project will be associated with an address referent to a beneficiary identified in <u>Section 2</u> (Entidades/Institutions). This address will be used for:

- Section 8 associating each task to each Estabelecimento / Host Institution
- <u>Section 9</u> associating each task to team members

In the field "Descrição / Description (250 characters)" present a brief description of the precise localization in the context of the project, if relevant.



Section 7 – Enquadramento RIS3 / RIS3 Framework













The PI should indicate and justify the alignment of the project with the Research and Innovation Strategies for a Smart Specialization (RIS3), according with the project location indicated in Section 6. If you have selected "No" or "Not Applicable" in Section 4, referring to ENEI, it is not mandatory to fill in this section.



Section 8 - Atividades / Tasks

The application must have tasks planned throughout its whole duration, i.e. there can't be a period without associated tasks.

- IDENTIFICAÇÃO DE ATIVIDADES / TASK IDENTIFICATION
- ESTABELECIMENTOS / HOST INSTITUTIONS
- **MILESTONES**

IDENTIFICAÇÃO DE ATIVIDADES / TASK IDENTIFICATION

For each of the project tasks, the PI must indicate:

- Número da Atividade / Task number: (automatically filled)
- Designação da Atividade / Task denomination: must be concise and self-explanatory (max 250 characters)
- Classificação de Maturidade / Close-to-market classification / Type of Task: e.g. industrial research; experimental development; dissemination and promotion; project management; fundamental research
- Data de Início / Start Date
- Data de Conclusão / Conclusion Date



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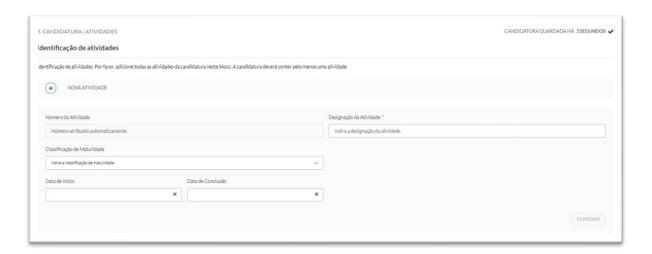












Descrição da Atividade / Task description and expected results

In this section, PIs should explain the aims in the context of the project, the methodologies and approaches proposed for their implementation, the results expected in the task and how these are preconditions for subsequent tasks and the link with other tasks. The role of each partner and institution in the task and the justification of the resources, human and material, required to achieve the expected results also should be described.



ESTABLECIMENTOS / HOST INSTITUTIONS

In this section, beneficiaries should be associated in coherence with the tasks by selecting the corresponding address (see <u>Section 6</u> of the application form).

- Atividade / Task denomination: must be concise and self-explanatory
- Morada / Address
- Código Postal / Postal Code













- Freguesia / Parish
- Descrição / Description: description of the task by localization/institution. The PI should explain the selection of that institution in the context of the task, having in mind the facilities and potential contribution for the expected results



MILESTONES / MILESTONES

In this section, the list of milestones, should be presented:

- Data / Date: predicted deadline for a certain objective to be achieved
- Designação / Milestone designation
- Descrição / Description: Pls must indicate the task or tasks associated to each milestone. The
 milestone description should include what can be demonstrated or reported on that date

Section 9 - Sistema de Incentivos/Apoio | Incentive/Support System

In this section there are three subsections to be filled:

- CARACTERIZAÇÃO DO PROJETO SA / PROJECT SA CHARACTERIZATION
- CARACTERIZAÇÃO ENTIDADES / BENEFICIARIES CHARACTERIZATION
- CARACTERIZAÇÃO EQUIPA / RESEARCH TEAM CHARACTERIZATION



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CARACTERIZAÇÃO DO PROJETO SA / PROJECT SA CHARACTERIZATION

In this section the PI should provide detailed information about the dissemination plan involved in the project, the contribution of the project for the research strategy, and as well information regarding the research plan and methodology proposed.



Plano de divulgação de resultados e de disseminação de conhecimento, assim como uma estratégia de transferência de conhecimento / Dissemination Field (max. 3500 characters)

Please provide a detailed plan outlining how the results will be publicised, knowledge will be promoted, and science communication will be facilitated. Additionally, include a plan for disseminating knowledge transfer based on the predicted "outputs". This should encompass actions such as technical and scientific publications, conferences, seminars, forums, and targeted actions towards specific sectors or other relevant groups.

















Given the relevance of carrying out initiatives to disseminate scientific activity, the implementation of these actions must be reported during the project through progress reports and in the final report that will be subject to analysis by members of the evaluation committees (painel de avaliação dos relatórios cientificos finais).

Contributo da operação no âmbito da estratégia de investigação / Role of the project within the scope of the research strategy (max. 3500 characters)

In this field the impact of the project results should be presented, having in mind the identification of the target groups of the tasks (final users, potential investors, scientific community, general public, etc.) for dissemination and communication of results. Also, potential impact of the project, including the advancement of knowledge, in an economic and societal dimension.

Plano de investigação e métodos / Research plan and methods (max. 3500 characters)

In this section, PIs should describe the proposed research plan and the methodologies to be used, focusing on the following questions:

- How much is the outlined scientific approach feasible considering the originality and/or groundbreaking potential of the proposed research?
- How much are the proposed research methodology and working packages appropriate to achieve the project's goals?
- To what extent are the proposed timelines, resources, and PI's commitment adequate and properly justified?

Funded projects can have access to advanced computer resources and research data repositories provided by FCT without the need for further scientific evaluation. This includes computing time in FCT's two new supercomputers, Deucalion and MareNostrum 5. To this end, the applicants should answer two simple yes/no additional questions:

- Identify whether the work plan requires advanced computer resources to be provided by FCT.
- Identify whether the work plan requires space in a research data repository to be provided by the FCT.

CARACTERIZAÇÃO ENTIDADES / BENEFICIARIES CHARACTERIZATION











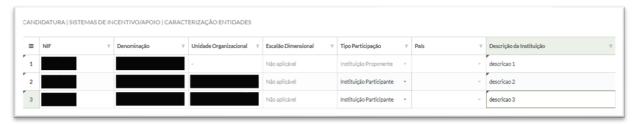








The PI should prepare a brief description of the beneficiary competencies in the context of the project using "Editar Entidades".



CARACTERIZAÇÃO EQUIPA / RESEARCH TEAM CHARACTERIZATION

Equipa / Research Team

The research team consists of the PI and other team members directly involved in the project tasks and activities of the proposed project.

The PI should contact the researchers, in advance, to be included in the application team to request them to register on the CIÊNCIA ID platform and to provide their CIÊNCIA ID.

Identificação da Equipa / Research Team Identification



- No ordem / Order number
- Nome / Name
- Perfil Profissional / Professional profile
- Equipa Investigação / Research team: PI, team member or new contractor
- Tipo de Vínculo / Type of contract
- Nível de Qualificação / Qualification Level
- Aufere remuneração/Receives remuneration if yes, team member intends to input part of its salary to this application
- CIÊNCIA ID / CIÊNCIA ID: team members should provide to the PI their CIÊNCIA ID
- CV nuclear / Core CV: only 4 Core CV are acceptable 1 PI (is mandatory) + 3 team members. Should the application present more than 4 core CVs, the evaluation panel will only consider the first 4 (core CV of the PI is mandatory)



















- Beneficiário / Beneficiary
- Enviar e-mail / Send e-mail: make sure to send the invitation
- Autorização / Authorization: following the invitation a yellow sign will appear. It will turn green after the invitation is accepted
- Data Autorização / Authorization Date

Detalhe da Equipa / Research Team Details

- No ordem / Order number
- Nome / Name
- Beneficiário / Beneficiary
- *Atividade / Task*
- Estabelecimento / Address of the beneficiary
- *NUTII /* NUTII
- FTE/Ano / Full-Time Equivalent (FTE) per year

The budget eligibility is based on a Simplified Cost Option (SCO), in the form of unit costs (unit cost per FTE/FTI – full-time equivalent). The unitary cost defined is 4.320,00€. For example, if 2 people are full-time dedicated to the project in one year, it is considered 22 FTE, which correspond to 11 months* 1 of work x 2 people, 11 x 2 = 22 FTE (22 months of work). The cost per year of these 2 people is 22 FTE x 4.320,00€ = 95.040,00€.



¹ *Having in mind 22 days for annual vacation period



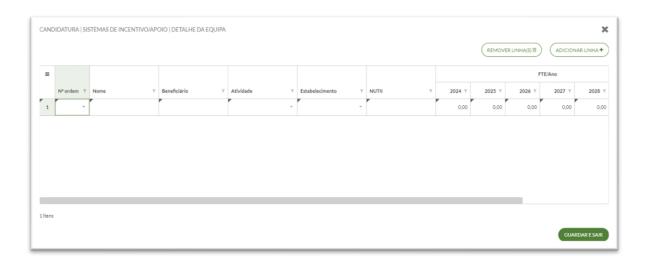












Resumo / Summary

In this field, the information is displayed automatically according to the data previously inserted.

- Financiamento por Atividade / Budget per task
- Financiamento por beneficiário / Budget per beneficiary
- Financiamento por NUTII / Budget per NUTII

Consultores / Consultants (max. 3500 characters)

Internationally reputed experts in project's scientific areas who provide consulting services for the project should be identified.

Fundamentação do financiamento solicitado para o projeto tendo em conta o plano de trabalhos apresentado / Rationale for the project funding request considering the submitted work plan (max 3500 characters)

PI should explain how the proposed budget aligns with the research plan presented.













Please highlight significant costs — in relation to the total requested funding — necessary for the implementation of the proposed research activities, considering the research area of the application, associated with the purchase of equipment (e.g.), and/or access to facilities, and/or participation in field activities, and/or other experimental, laboratory, and/or fieldwork costs, excluding personal costs.

Unjustified budgets, given the research plan and area, may lead to a lower evaluation of criterion C1, with an impact on the overall project evaluation (merit of the project).

CV NARRATIVO DO IR / PI NARRATIVE CV

The PI Narrative CV aims to allow a more effective and encompassing assessment of a diverse range of research achievements, focusing on the quality and impact of individual research outputs and researcher's contributions, while avoiding the use of metrics as a surrogate measure of quality.

narra	titivo do IR
A. Pe	rourso Clentifico e Curricular *
B. Co	ntri Duições para a Ciência e Sociedade
	L Contribuições da originalidade de ideias, ferramentas, metodologias ou conhecimento "
	II. Contribuições para o desenvolvimento de competências ao nivel individual eíou em equipas *
	III. Contribuições para a Comunidade Clentifica e para a Sociedade "
_	
- Dar	ultados oule atividades relevantes (até cinco) *
Res	induction of advinuous retriaints (see Linko)
	CV da Equipa de Investigação *
se dos	
se dos	
se dos	

The narrative CV has the following sections:

A - Percurso Científico e Curricular / Career Profile (max 3500 characters)

A summary of the Pl's education (specifying the year the PhD was completed), key qualifications, and employment history. If applicable, any period of leave from research, such as parental leaves, long-term absence due to illness, period of work in industry, secondments, volunteering, or other non-research



















activities may be specified. Explain how these interruption(s) or the unconventional path and/or gap(s) has/have impacted your activity.

B - Contribuições para a Ciência e Sociedade / Contributions to Science and Society (max 3500 characters)

In the following sections, the PI may provide relevant examples of contributions in relation to his/her career stage and specific scientific area. Please note that the diverse sets of contributions provided below are designed to include different researcher's profiles and career stages across different scientific areas. The PI may use the guidelines below selecting the types of contributions that more broadly and effectively describe his/her researcher profile and curriculum.

- i. Contribuições da originalidade de ideias, ferramentas, metodologias ou conhecimento / Contributions to the generation of new ideas, tools, methodologies, or knowledge (max 3500 characters) description of how the PI has contributed to the generation of new ideas, tools, methodologies, or knowledge, and the relevance and impact of your contributions. These can include publications, key data sets, software, intellectual property (patents, licenses, trademarks, copyrights, novel assays, and reagents), conference presentations and proceedings, research, and policy publications, or other scientific, technological, cultural or artistic achievements. Awards received in recognition of contributions to the generation of knowledge may also be mentioned. To better inform the Evaluation Panel on the relevance of these contributions, when including 'what' those are, the PI must also consider 'how' or 'why' they are relevant or important, the role he/she played, and who and how has benefited from these outputs/achievements. Regarding publications, journal or publication metrics such as impact factors, and research performance metrics should be avoided.
- ii. Contribuições para o desenvolvimento de competências ao nível individual e/ou em equipas / Contributions to the development of individuals and/or research teams (max 3500 characters) highlight expertise provided by the PI which was relevant to the development of individuals and/or teams, including project participation, leadership or management, collaborative contributions, and team support. It can include teaching activities, workshops, or summer schools in which the PI was involved (for undergraduates, graduates, and post-grads, as well as junior colleagues), the supervision of students, mentoring or other contributions to the success of a team or advancement of colleagues. It can also include the Pl's role (as a Pl, team member or other) in past and ongoing funded projects, as well as the management of science, technology and innovation programs or projects. It can also be used to highlight the Pl's involvement in collaborations/networks from an organizational to international level.
- iii. Contribuições para a Comunidade Cientifica e para a Sociedade / Contributions to the research community and the broader society (max 3500 characters) - the PI may include activities he/she has participated in to progress the research community and engage with the broader society. These

















include contributions to research community outreach/engagement; editing, reviewing, refereeing, evaluation of funding applications; and organization of events that have benefited the research community, or improved research culture. These can also include societal engagement, knowledge transfer, dissemination of knowledge, outreach activities, and other type of engagement with the public, private, or non-profit sectors, and the broader society.

C - Resultados ou/e atividades relevantes (até cinco) / Selected outputs or/and activities (up to 5) (max 3500 characters) Provide additional and detailed information on a maximum of five scientific outputs and/or activities that best describes the PI's research career and experience. For each one, the PI should indicate his/her role and how it has impacted the advancement of knowledge in the respective scientific area. Any type of contribution from the three previous sections can be also included. Whenever the outputs have a DOI, please include it.

Sinopse dos CV da Equipa de Investigação / Team CV synopsis (max 3500 characters)

In this field, the PI must justify the framework and competencies of the research team and its coherence with the proposed work plan. The PI should focus on the team's scientific activity over the last 5 effective years, indicating the most relevant scientific achievements of the research team and demonstrating its competence in the area of the proposed project. This field will be taken into account by the panel when assessing the merit of the team and the adequacy of the profiles of its members to the work plan of the proposed project.

LISTA DE PROJETOS APROVADOS OU SUBMETIDOS POR MEMBROS DA EQUIPA RELACIONADOS COM A PRESENTE CANDIDATURA / LIST OF APPROVED OR SUBMITTED PROJECTS ALLOCATED TO TEAM MEMBERS RELATED TO THE PRESENT APPLICATION

In this section, PI should refer to projects submitted, approved, in progress, concluded by the team members. The fields to fill in are:

- Código do Projeto / Project reference
- Estado Projeto / Project status Submitted, Approved, In Progress or Concluded
- Título do projeto em inglês / Project title (in english)
- Instituição Proponente / Principal contractor
- Entidade Financeira / Funding entity
- Financiamento Total / Total funding
- Data de Ínicio / Start date
- Duração / Duration (months)





















REFERÊNCIAS BIBLIOGRÁFICAS / BIBLIOGRAPHIC REFERENCES

This section intends to include the references cited in the state of art and in the research plan and methods, with a cross-referencing methodology chosen by the PI, namely: APA, MLA or Chicago.

The following elements are considered for each reference: title; authors' names in the order in which they appear in the publication; name of the book or journal; editorial data, where applicable; volume number; page numbers; year of publication. If the publications are available electronically, you can add their URL, although this is not mandatory.

Bibliographic references are not limited to the PI and team members' publications.

PUBLICAÇÕES ANTERIORES DA EQUIPA / PAST PUBLICATIONS OF RESEARCH TEAM

This section should include five publications (articles, books or monographs published or accepted for publication) authored or co-authored by the PI or members of the research team, considered to be more relevant and impactful for assessing the scientific quality of the project.

- Nº de ordem / Order number
- Referências Bibliográficas / Bibliographic references You can choose between the following bibliographic citation styles: APA, MLA or Chicago.











• *URL* / URL address - The URL *addresses* must be provided in full, and it is the PI's responsibility to keep these links active throughout the decision process.



FINANCEIRO / BUDGET TABLE

In this section, PI should fill in the cost per activity, per beneficiary. Please make sure the information in this section matches the costs stated in Section 9 "Resumo / Summary".

- No de ordem / Order number
- Beneficiário / Beneficiary
- No de Atividade / Ativity number
- Custo Total / Total Cost
- Categoria de Custos / Cost Category
- Custo Elegível / Elegible Cost
- Custo N\(\tilde{a}\) o Eleg\(i\)vel / Non-elegible Cost





















RESUMO / SUMMARY

- FINANCIAMENTO POR CATEGORIA DE CUSTO / BUDGET BY COST CATEGORY
- FINANCIAMENTO POR ATIVIDADE / BUDGET BY TASK
- FINANCIAMENTO POR BENEFICIÁRIO / BUDGET BY BENEFICIARY

Section 11 - Financiamento / Funding

FINANCIAMENTO PRIVADO / PRIVATE FUNDING













In this field PIs should indicate private funding, if any.



OPERAÇÕES COM FINANCIAMENTO REGIONAL / APPLICATIONS WITH REGIONAL FUNDING

In this field PI should present any project with regional funds.



Section 12 – Indicadores / Outputs

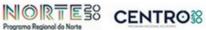
The expected outputs give visibility to the research developed during the project. The outputs should be realistic and achievable, e.g., new scientific employments, publications, patents and others (please check sections "Indicadores de realização" and "Indicadores de resultados" of the Announcement of the Call. These indicators will be used to evaluate the adequacy of the final results foreseen in the application that will be subject to analysed, if funded, by members of the evaluation committees ("painel de avaliação dos relatórios cientificos finais").

- INDICADORES DE REALIZAÇÃO / REALIZATION OUTPUTS
- INDICADORES DE RESULTADOS / RESULT OUTPUTS









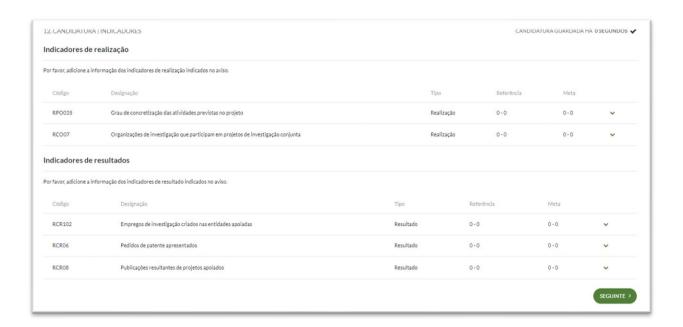












Section 13 – Documentos / Documents

DOCUMENTOS OBRIGATÓRIOS / REQUIRED DOCUMENTS Cronograma / Timeline

Create a timeline of your project indicating the following fields:

- Partner responsible for task, the acronym of the institution responsible for the task.
- Acronyms of partners involved in task, the acronyms of all the institutions involved in the task, including the institution responsible for the task.

DOCUMENTOS NÃO OBRIGATÓRIOS / OPTIONAL DOCUMENTS

If applicable or if necessary, additional documents should be attached, corresponding to: protocol between participant institutions, statement of financial director for public institutions, statement of liquid positive annual results for non-profit private institutions, formulas, schemes, diagrams, graphics, images and support letters.



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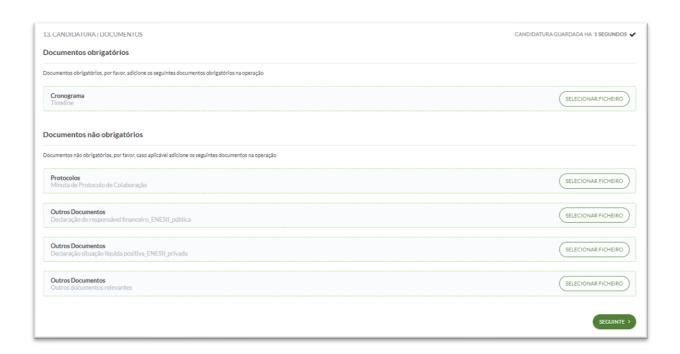












Section 14 - Resumo / Summary

In this section, a summary of the application will be available after completing the 13 sections of the form.

3. Submission

After completing the application, the PI should check if all sections are filled and validated. It should appear the symbol in 2 14 sections of the form. The PI should check the sections with errors and correct them.

The application is submitted by the responsible person affiliated to the principal contractor with superutilizador/superuser credentials to access "Balcão dos Fundos". Pls should schedule with their institution when to proceed with the application submission.



















ANNEX I. EVALUATION PANELS

Evaluation Panel	Scientific Area	Scientific Subarea
		Pure Mathematics
Mathematics	Mathematics	Applied Mathematics
wathematics	Mathematics	Statistics and Probability
		Other Subareas of Mathematics
		Computer Sciences
Computer and Information	Computer and Information	Information Sciences
Sciences and Informatics	Sciences	Bioinformatics
		Informatics
		Atomic, Molecular and Chemical Physics
		Condensed Matter Physics
		Particles Physics
	Physical Sciences	Nuclear Physics
Physics		Fluids and Plasma Physics
		Optics
		Acoustics
		Astronomy
		Other Subareas of Physical Sciences
	Chemical Sciences	Organic Chemistry
		Inorganic Chemistry
		Physical Chemistry
		Polymer Science
		Electrochemistry
Chemistry		Colloid Chemistry
		Analytical Chemistry
		Nuclear Chemistry
		Other Subareas of Chemical Sciences
	Basic Medicine	Medicinal Chemistry
Civil Engineering	Civil Engineering	Civil Engineering





















Architecture Engineering
Construction Engineering
Transport Engineering
Municipal and Structural Engineering

















Evaluation Panel	Scientific Area	Scientific Subarea
Electrical and Electronic Engineering	Electrical Engineering, Electronic Engineering, Information Engineering	Electrical and Electronic Engineering Robotics Automation and Control Systems Communication Engineering and Systems Telecommunications Computer Hardware and Architecture
Mechanical Engineering and Engineering Systems	Mechanical Engineering	Mechanical Engineering Applied Mechanics Thermodynamics Aerospace Engineering Nuclear Engineering Audio Engineering and Reliability Analysis Engineering Systems Renewable Energies
	Environmental Engineering	Marine Engineering Sea Vessels Ocean Engineering
Chemical Engineering	Chemical Engineering	Chemical Engineering Chemical Process Engineering
Materials Engineering	Materials Engineering	Materials Engineering Ceramics Coating and Films Composites Paper and Wood Textiles

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Evaluation Panel	Scientific Area	Scientific Subarea
	Medical Engineering	Medical Engineering Medical Laboratory Technology
		Industrial Biotechnology
	Industrial Biotechnology	Bioprocessing Technologies, Biocatalysis and Fermentation
Bioengineering and		Bioproducts, Biomaterials, Bioplastics, Biofuels, Bioderived Bulk and Fine Chemicals and Bio-derived Novel Materials
Biotechnology		Health-related Biotechnology
		Technologies - Manipulation of Cells, Tissues, Organs or the Whole Organisms
	Medical Biotechnology	Technologies - Identification of the Functioning of DNA, Proteins and Enzymes and its relation with the Disease
		Biomaterials
		Medical Biotechnology related Ethics
	Nanotechnology	Nanomaterials
Nanataahnalagu		Nanoprocesses
Nanotechnology		Nano-Optics and Nanophotonics
		Modelling at Nanoscale
	Environmental Engineering	Geological Engineering
		Geotechnics
		Petroleum Engineering, Energy and Fuels
		Remote Sensing
		Mining and Mineral Processing
		Geosciences, Multidisciplinary
Earth Sciences and		Mineralogy
Engineering		Paleontology
	Footbased Balatad	Geochemistry
	Earth and Related Environmental Sciences	Physical Geography
		Geology
		Volcanology
		Meteorology and Atmospheric Sciences
		Climatic Research





















	Oceanography, Hydrology and Water Resources
	Geophysics

Evaluation Panel	Scientific Area	Scientific Subarea
Environmental Sciences	Earth and Related Environmental Sciences	Environmental Sciences
	Environmental Engineering	Environmental Engineering
		Environmental Biotechnology
Environmental Biotechnology and Engineering	Environmental Biotechnology	Bioremediation, Diagnostic Biotechnologies (DNA Chips and Biosensing Devices) in Environmental Management
		Environmental Biotechnology related Ethics
	Biological Sciences	Plant Sciences and Botany
		Zoology, Ornithology, Entomology
		Marine Biology, Freshwater Biology and Limnology
		Ecology
B: 1 · 10 ·		Biodiversity Conservation
Biological Sciences		Biology
		Evolutionary Biology
		Behavioral Sciences Biology
		Mycology
		Other Biological Topics
		Agriculture
	Agriculture, Forestry and Fisheries	Forestry
Agriculture, Forestry and		Fishery
Fisheries		Soil Science
		Horticulture and Viticulture
		Agronomy, Plant Breeding and Plant Protection

















Evaluation Panel	Scientific Area	Scientific Subarea
	Animal and Dairy Science	Animal and Dairy Science Husbandry Pets
	Veterinary Science	Veterinary Science
Animal and Veterinary Sciences and Agro-Food		Agricultural Biotechnology and Food Biotechnology GM Technology (Crops and Livestock) and Livestock Cloning
Biotechnology	Agricultural Biotechnology	Marker Assisted Selection
	Agricultural biotechnology	Diagnostics
		Biomass Feedstock Production Technologies, Biopharming
		Agricultural Biotechnology related Ethics
	Other Engineering and Technologies	Food and Beverages
	Biological Sciences	Cell Biology
		Biochemistry
		Biochemical Research Methods
- · · · · · · · · · · · · · · · · · · ·		Biophysics
Experimental Biology and Biochemistry		Genetics and Heredity
Diocricinistry		Reproductive Biology
		Developmental Biology
		Microbiology
		Molecular Biology
Neurosciences	Basic Medicine	Neurosciences
		Anatomy and Morphology
		Human Genetics
		Pharmacology and Pharmacy
D. C. M. P. C.	Basic Medicine	Toxicology
Basic Medicine		Physiology
		Pathology
		Oncobiology
		Other Subareas of Basic Medicine





































Evaluation Panel	Scientific Area	Scientific Subarea
	Basic Medicine	Immunology
	Health Sciences	Tropical Medicine Parasitology Infectious Diseases
		Andrology Obstetrics and Gynecology
		Pediatrics Cardiac and Cardiovascular Systems Peripheral Vascular Disease
		Hematology Respiratory Systems
		Critical Care Medicine and Emergency Medicine Anaesthesiology
	Clinical Medicine	Orthopaedics
Clinical Medicine,		Surgery Radiology, Nuclear Medicine and Medical Imaging
Immunology and Infection		Transplantation Dentistry, Oral Surgery and Medicine
		Dermatology and Venereal Diseases
		Allergy Rheumatology
		Endocrinology and Metabolism
		Gastroenterology and Hepatology Urology and Nephrology
		Oncology Ophthalmology
		Otorhinolaryngology
		Psychiatry Clinical Neurology
		Geriatrics and Gerontology General and Internal Medicine
		Other Clinical Medicine Subjects
		Integrative and Complementary Medicine



















Biological Sciences	Virology
Other Medical Sciences	Forensic Science

Evaluation Panel	Scientific Area	Scientific Subarea
Health and Sport Sciences	Health Sciences	Health Care Sciences and Services Health Policy and Services Nursing Nutrition, Dietetics Public and Environmental Health Epidemiology Occupational Health Sport and Fitness Sciences Social Biomedical Sciences Medical Ethics Substance Abuse
Psychology	Psychology	Psychology (including Human-Machine relations) Psychology, Special (including Therapy for Learning, Speech, Hearing, Visual and other Physical and Mental Disabilities)
Economics and Business	Economics and Business	Economics, Econometrics Industrial Relations Business and Management
Educational Sciences	Educational Sciences	Education, General (including Training, Pedagogy, Didactics) Education, Special (to Gifted Persons, those with Learning Disabilities)
Sociology	Sociology	Sociology Demography Anthropology Ethnology Social topics (Women's and Gender Studies; Social Issues; Family Studies, Social Work)
Law and Political Science	Law	Law, Criminology, Penology





















		Other Subareas of Law
		Political Science
		Public Administration
		Organisation Theory

















Evaluation Panel	Scientific Area	Scientific Subarea
Social and Economic Geography	Social and Economic Geography	Environmental Sciences (Social Aspects) Cultural and Economic Geography Urban Studies (Planning and Development)
		Transport Planning and Social Aspects of Transport Other Subareas of Social and Economic Geography
Media and Communication	Media and Communications	Journalism
		Information Science (Social Aspects)
		Library Science
		Media and Socio-Cultural Communication
		Other Subareas of Media and Communications
History and Archaeology	History and Archaeology	History
		Archaeology
		History of Science and Technology
	Languages and Literature	General Language Studies
		Specific Languages
		General Literature Studies
Languages and Literature		Literary Theory
		Specific Literatures
		Linguistics
		Other Subareas of Languages and Literature
Philosophy	Philosophy, Ethics and Religion	Philosophy
		Ethics
		Theology
		Religious Studies
Arts	Arts	Arts Design and Architecture
		Performing Arts Studies (Musicology, Theatre Science, Dramaturgy)
		Folklore Studies
		Studies on Film, Radio and Television
		Art History

















	01101
	Other Subareas of Arts