



Initiative of excellence

Call for proposals CY Generations 2023

1st edition

15/11/2022

Pre-application deadline: 14 December 2022, 13:00 CET

Open project co-construction phase: 14 - 23 December 2022

Application deadline: 23 January 2023, 13:00 CET

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1. Context, objectives and priorities

1.1. Institutional Setting

CY Generations is a winning project of the PIA 4 ExcellencES call (Excellence in all its forms), which brings together a consortium of academic, socio-economic and local authority partners around [CY Alliance](#). Its objective is to design solutions for sustainable innovation, through research, training and entrepreneurship actions to meet the challenges of ecological and societal transition.

This call for proposals is part of the CY Generations research axis and aims to fund multidisciplinary research projects that address these issues in the context of sustainable development objectives. It has an annual budget of €0.58 million.

The CY Generations 2023 call for proposals is built in articulation with the [CY Initiative call for proposals](#) to support scientific excellence and the internationalisation of research. It targets two types of projects, as defined by the research programmes of the CY Initiative call: the **Emergence** and **Horizon** programmes, to which are added requirements specific to CY Generations, such as the multidisciplinary nature of the research, the involvement of several research laboratories, and the consideration of sustainable development objectives.

1.2. Objectives

The CY Generations call for projects aims to bring forward research projects that address the challenges of sustainable development through innovative **multidisciplinary approaches**. The [Sustainable Development Goals](#) (SDGs) highlighted by CY Generations are organised around four themes:

- repair and care (SDGs 3,10, 16, 17);
- produce and consume (SDG 17);
- build and organise society (SDGs 8, 9, 11, 17);
- promote solidarity and inclusive education (SDGs 1, 4, 5, 17).

Applicant projects must bring together **at least two laboratories** from the CY Generations perimeter (presented in Annex 3), contributing significantly to the project, in different disciplines. The objective of this rule is to create new links between the laboratories of the CY Generations perimeter, around multidisciplinary research projects responding to the challenges of transition and sustainable development. The details and specific cases of this rule are detailed in the section presenting the modalities of this call for proposals.

The construction of these multidisciplinary and multi-partner projects will include **an open co-construction phase**, on the Learning Planet Institute (LPI) platform, as described in the terms of the call below. The objective of this intermediate phase is to rely on the collective intelligence of the largest possible group of experts to improve the relevance and multidisciplinary of the projects submitted.

Beyond these specific objectives, the CY Generations call aims at **strengthening the scientific potential** within its perimeter, by increasing scientific production and its impact, by increasing openness and international visibility and by promoting internal collaborations and links with external partners. The scientific quality of the projects, their contribution to the visibility of the CY Generations partners' research and their capacity to propose solutions to the problems of transition and sustainable development will be decisive.

The call encourages the deployment of **ambitious research strategies** developed at the level of the research teams, laboratories and structures of the CY Generations perimeter. The selected projects will have a structuring effect on the activity of these entities, by enabling them to overcome the identified developmental obstacles in order to increase their visibility and impact. The selected projects will have

to demonstrate their capacity to attract external funding to extend their scientific ambition beyond the funding obtained under this call for proposals.

Beyond the mandatory multidisciplinary scientific collaborations within the CY Generations perimeter, the call promotes **the development of collaborations** with other CNRS laboratories and CEREMA structures, as well as with international partners, in particular with all the partner universities of the EUTOPIA Alliance ([University of Warwick](#), [Vrije Universiteit Brussel \(VUB\)](#), [University of Ljubljana](#), [University Pompeu Fabra](#), [University of Göteborg](#), [Ca' Foscari University of Venice](#), [Technische Universität Dresden](#), [NOVA University Lisbon](#), [University of Babes-Bolyai](#)), with the privileged partners of the CY Generations institutions in Asia and Africa, and with the IRD. Collaborative projects with these institutions are strongly encouraged but collaborations with other institutions will also be appreciated and evaluated.

Projects involving CY Generations' local and regional partners, on themes related to their sustainable development issues, are also encouraged.

2. Funding Programmes

The CY Generations call for proposals offers **two funding programmes**:

1. The **Emergence programme** aims to support the development of innovative research projects, led by individual researchers, with a view to preparing an application for external funding;
2. The **Horizon programme** aims to support ambitious research programs, developed at the level of a research team and aimed at preparing an application for large-scale external funding, particularly European funding;

These two programmes, resulting from the CY Initiative call for projects, are adapted to the CY Generations call for projects by respecting the **specific characteristics** of this call: teams from several research laboratories within the scope of CY Generations, a multidisciplinary approach that addresses at least one challenge related to sustainable development, with priority given to the SDGs targeted by CY Generations, and open project co-construction.

These programmes complement existing funding schemes at national (notably ANR) and international level (notably Horizon Europe). Researchers and research teams applying to the CY Generations call are expected to elaborate a development strategy articulating, in the medium term, the different internal and external support instruments.

2.1. The Emergence Programme

NB: the Emergence programme is open in both calls, CY Initiative and CY Generations

Emerging research projects with high potential may be supported for a **period of two years**, up to a maximum of €50k. The objective of this financial support is to enable the advancement of research work and the setting up of a project with a view to applying for external financial support at national (notably ANR), European (ESF, ERC, FP, Horizon Europe - see list in Annex 1) or international level. Applicants for this support undertake to apply for external funding, as a promoter, to national or international agencies during the two years covered by the project.

The project submitted must involve the work of a small team (at least two researchers), allow the exploration of new research themes, the establishment of a network of partners, internal and external to CY Generations, for the submission of the external funding application, and be in line with the scientific development strategy of the supporting entities, institutions and CY Generations.

Indicative funding: 25 to 50k€ per project

Target number of projects (estimate): 4 to 5 CY Generations projects

2.2. The Horizon Programme

NB: the Horizon programme is open in both calls, CY Initiative and CY Generations

The Horizon programme aims to support ambitious scientific projects in strategic research areas that will have a significant leverage effect on the production, impact and scientific visibility of teams. **The projects will be financed over 4 years** and will allow the team to position itself with international visibility in the targeted strategic research field, with a view to preparing an application for large-scale external funding, particularly at European level.

Projects submitted to the Horizon programme will be carried out at the level of a research team. Teams can be anchored in existing laboratories or research departments but can also bring together researchers from different CY Initiative research centres or laboratories in an interdisciplinary project.

Applications must demonstrate both the excellence of the research and its impact. Projects will be at the heart of an explicit strategy highlighting the expected structuring effects in terms of international visibility (as evidenced by the impact of the project on publications and rankings), scientific positioning, external partnerships and attractiveness. Applicants should explain the societal relevance of their project and the proposed dissemination and impact strategies.

The second area of project evaluation is that of building of the network of researchers in preparation for applying for large-scale external funding. Applicant projects should detail the strategy for building a consortium capable of successfully applying for the targeted external funding.

A mid-term report will be requested from the project leader, in order to assess the progress of the scientific aspects and the constitution of the network of researchers.

The financial support granted to this programme in the framework of this call for proposals may include: a research budget, teaching release time for the researchers involved, funding of human resources (PhD students, research assistants, post-doctoral students).

Indicative funding: 150 to 200k€ per project

Target number of projects (estimate): 1 to 2 CY Generations projects

3. Practical details of the Calls for Proposals

3.1. Timeline and General Provisions

The timing of the CY Generations call for proposals is common with that of the CY Initiative call:

- **Opening** of the call for proposals: **2 November 2022**
- **Pre-submission** of a project summary: until **14 December 2022**, at 13:00 CET.
- **Submission** of final projects until **23 January 2023**, at 13:00 CET.

The open co-construction phase of the projects, led by the LPI, will take place after the pre-submission of project summaries, between 14 December and 23 December 2022, according to the modalities presented below.

The submission must be made online, from the date of opening of the programmes, via the application platform: <https://cy-initiative.smapply.io/res/p/CYG-docs/>

The modalities of access to the Learning Planet Institute (LPI) project co-construction platform will be communicated later.

3.2. Modalities of the Emergence and Horizon Programmes

Content of the application:

The project summary, submitted during the pre-submission phase, will be the entry point for the open co-construction phase of the final project. The recommended size is about one page. As the summary will be accessible to all CY Generations members during the open co-construction phase, the description of the project will have to respect both the confidentiality of the proposed solutions and the openness necessary to elicit comments and proposals for collaboration in a multidisciplinary perspective. The summary may include points already identified where collaboration is sought.

The open co-construction phase of the project is mandatory. Pre-submission summaries are shared on the LPI platform and are open to all CY Generations researchers, who can comment on the document (including those from other disciplines). Authors of pre-proposals can respond directly in the document and share it with other colleagues they identify. The purpose of these open interactions is to create an atmosphere of collaboration and sharing, to enhance the interdisciplinary aspects of the project and to improve the overall quality of each proposal. Comments may include indicating where the material could be presented more clearly, suggesting alternative methodological approaches, new research directions or highlighting links to existing work.

After the interaction period, applicants have the opportunity to modify project proposals and submit the new version for selection.

The submission of the final project is only possible for projects that have submitted an abstract in the pre-submission phase and have participated in the open co-construction phase.

The application must include a presentation of the scientific project and a description of the scientific development strategy in which it fits. It must also demonstrate compliance with the specific criteria of this call: multi-laboratory and multidisciplinary team, SDGs addressed, challenges related to these SDGs and the proposed multidisciplinary approach, societal impact, etc.

The objectives of the project in terms of scientific quality, impact and visibility must be described, as well as, for the *Horizon programme*, their structuring effect on the strategy of the laboratories or research teams submitting/supporting it. The application may be completed by an annex.

The application may be written in English or French. English will be preferred to allow an evaluation by non-French speaking experts.

Who can apply?

Applications to the *Emergence* and *Horizon* programmes are open to researchers from laboratories working in one of the CY Generations partner institutions: CY Alliance research laboratories, the LPI and CEREMA research structures involved in the CY Generations project. The list of eligible laboratories is presented in Annex 3.

- For the *Emergence programme*, the project must involve the work of a team of at least two researchers from different laboratories.
- For the *Horizon programme*, the project must bring together a team that justifies the ambition of the scientific project and of the application for large-scale external funding.

Applicant projects must involve **at least two laboratories within the CY Generations perimeter**, which contribute significantly to the project, in different disciplines. *The only exception to the multi-*

laboratory condition will be made for projects bringing together two teams from different disciplines from the same laboratory. The internal research structures of the CY Generations partners, which are not research laboratories (not evaluated by the HCERES), but are recognised by these institutions, are eligible to participate in the project and fulfil the multi-laboratory condition, but will not be able to carry the project or receive funds. The list of these internal research structures is also presented in Annex 3.

As the CY Initiative perimeter is included in the CY Generations perimeter, a researcher from the CY Initiative perimeter has the possibility to submit projects to both calls. In the specific case where a researcher is carrying an *Emergence* or *Horizon* project that **meets both CY Initiative and CY Generations criteria**, the same project can be submitted to both calls and will be evaluated separately by both committees, as described below. In this specific case, it is recommended that the multidisciplinary and sustainable development aspects presented in the CY Generations dossier are also included in the scientific description of the project submitted to CY Initiative.

NB: PhD students or applicants for a PhD or post-doctoral fellowship under the *Horizon* programme of this call are not allowed to apply on their own. Applications for funding for such recruitments may be included in Horizon projects and submitted by the project leader. Full applications, including the pre-identified candidate, will be preferred for doctoral and postdoctoral contracts.

Evaluations and results:

Applications will be evaluated by the Scientific Committee of the CY Generations Call for Proposals, made up of members representing the research structures of the CY Generations partners. It will be based on the scientific evaluation of the projects by recognised external experts, to which will be added an evaluation of the specific aspects of sustainable development and the multidisciplinary approach.

The assessments and selection proposals of the scientific committee will be forwarded to the Executive Board of CY Generations for decision.

The results will be published in early May 2023.

Projects submitted to both the CY Generations and CY Initiative calls will be evaluated separately by the scientific committees of both calls. Under CY Initiative, such a project will be evaluated as a multidisciplinary project, according to the criteria of the CY Initiative call, but will have to specify a main discipline, in order to be assigned to one of the CY Initiative thematic committees for evaluation. In case of success in both calls, the decision on the selected funding source will be subject to inter-committee arbitration.

The common criteria considered for the evaluation of CY Initiative and CY Generations applications will be:

- The scientific quality and innovative character of the project;
- The strategic nature of the project and its contribution to the scientific development of the institutions involved;
- The expertise of the project leader and the quality of the scientific environment;
- The impact of the project;
- The quality of the candidate(s) (PhD, post-doc, non-permanent junior researcher positions, etc.).

The specific criteria considered for the evaluation of CY Generations applications only will be:

- The multidisciplinary nature of the project;
- The way in which the sustainable development aspects are addressed.

External funding:

Selected projects are encouraged to complement the funding of this call with funds from national or international agencies (Horizon Europe, ANR, etc.).

These funds will allow either a sufficient level of funding to achieve the objectives of the project during the period of the present call (simultaneous external funding, if possible), or to extend the project beyond the period of the present call to achieve the final objectives (subsequent external funding). Applications will include a detailed presentation of the financing and deployment strategy of the project, including external funding.

For projects involving funding from external partners (private partners or universities) identified at the time of submission, an agreement of these partners must be attached to the application. The final partnership agreement, including all financial and intellectual property aspects, can however be finalised within the months following the results of this call for proposals, and before October 2023.

Administrative and financial rules:

NB: Applicants are invited to make their intention to apply for one of these calls known to their administrative and financial contact as soon as possible and in any case before 2 December 2022. They will receive additional information on this framework and assistance in setting up the project, as well as for the envisaged recruitment.

Contacts :

- Contact for the coordination of the call for proposals (general information, selection process): aap-cy-initiative@cyu.fr
- Contact for administrative and financial support in setting up projects (depending on the institution of the project leader):

Institution of the research lab of the project leader	Administrative and financial support contact
CY Cergy Paris University	services.valorisation@cyu.fr Direction for Research
ESSEC Business School	Celine Alves-Pinto: alvespinto@essec.edu Director of Institutional Partnerships and Public Funding Johanna Brookman (brookman@essec.edu) External Grants Team – European Projects
The rest of the perimeter of CY Generations*	Guenolée de Carmoy : guenolee.de-carmoy@cyu.fr

*See list of eligible laboratories in Annex 3

Annex 1 – Main calls for external projects

ANR

Link to view current calls: <https://anr.fr/fr/appels/>

The main dates are:

- AAPG ANR 2023: 7 November 2022 for Stage 1 (including PRCI), <https://anr.fr/fr/detail/call/aapg-appel-a-projets-generique-2023/>.
- AAP MRSEI : 18 October 2022
<https://anr.fr/fr/detail/call/appel-a-projets-montage-de-reseaux-scientifiques-europeens-ou-internationaux-mrsei-edition-20/>
- AAP LABCOM: on a continuous basis <https://anr.fr/fr/detail/call/laboratoires-communs-organismes-de-recherche-publics-pme-eti-labcom-7/>
- AAP Astrid and Astrid Maturation: September 2022 (with an industrial partner)
<https://www.appelsprojetsrecherche.fr/appel/1-anr-1484>
- AAP SHS France Germany: during 2022

Horizon Europe/ERC

Horizon Europe :

- Calls for Horizon Europe will be published as and when the final Work Programs are released in the first half of 2021. Apart from the ERCs positioned in the first half of 2022, the majority of Horizon Europe Calls for proposals will be released at the end of 2022.

Programme COST

- This programme aims to strengthen scientific and technological research by supporting cooperation through networking activities;
- To consult the actions in progress (covering the costs of participating in events organised under this action) or to submit an action as a coordinator (organisation of conferences, training school, short mission and seminar): <https://www.cost.eu/>
- Several dates per year

ERC

The main deadlines are:

- ERC ADV: opening 8 December 2022 – closure 23 May 2023 (excellence scholarship for doctoral degree holders of more than 12 years);
- ERC COG: closure 2 February 2023 (excellence scholarship for doctoral degree holders under 12 years and over 7 years);
- ERC STG: closing 25 October 2022 (excellence scholarship for doctoral degree holders under 7 years and more than 3 years);
- ERC SYNERGY: closure 8 November 2022;
- Proof of Concept Grant: opening 20 October 2022, closures 21 January / 20 April / 14 September 2023.

Annex 2 – Letter of engagement, in the case of co-financing by a partner or company (model)

Letterhead of the company

Engagement Letter from (name of company)

Subject: Engagement letter from (name of the company) for the project (name of the project) within the framework of Call for Projects (name) / Collaboration (name)

I undersigned, (Surname, Name) legal representative of (name of the company or institution), (state legal status), registered with the SIRET (or equivalent) XXXX, whose headquarters are registered at the following address (insert address), confirm by the present letter, the engagement of the (company name) to co-finance (co-fund) the project (name of project) by allocating to it resources in kind and in monetary terms:

Resources in kind:

Please list the resources that will be made available (infrastructure, manpower, etc) and indicate the financial value that they represent.

Monetary contribution

Please indicate here the amount that will be given to the laboratory (project)

The modalities will be described in the collaboration contract that will be concluded between CY Cergy Paris University and (name of the company) in the event of obtaining the funding requested in the call for projects. As stated in the rules of the AAP of CY Initiative of Excellence, (name of the company) hereby accepts the principle that the results of the collaboration will be the joint ownership of the academics and of (name of company). In accordance with Intellectual property legislation, the principle of a fair financial return from the partner(s) exploiting the said results to the other co-owners of the said results will be recalled in the provisions of the agreement.

(Date & place)

Signature

Annex 3 – Laboratories, research centres and structures eligible for the CY Generations call for projects

The CY Generations call (Emergence and Horizon programs) is open to all research laboratories of the CY Initiative perimeter (CY Cergy Paris University laboratories and ESSEC Research Centre), to all other CY Alliance research laboratories and to those of CY Generations partners outside the CY Alliance, associated with the CY Generations project.

Research laboratories eligible for the CY Initiative call

- [All CY Cergy Paris University research laboratories](#)
- [The ESSEC Research Centre \(CERESSEC\)](#)

Research laboratories eligible for the CY Generations call

- All the research laboratories eligible for the CY Initiative call
- Research laboratories of CY Alliance partners, excluding those eligible for the CY Initiative call
 - QUARTZ (ENSEA, ECAM-EPMI, ISAE-SUPMECA)
 - LéaV (ENSA-V)
 - LAREP (ENSP)
 - LARA (ENSAPC)
 - GRHAPES (INSHEA)
- Research laboratories of CY Generations partners outside CY Alliance
 - LPI (Learning Planet Institute)
 - CEREMA research structures associated with CY Generations (apart from the joint MATRIS laboratory with CYU, already included):
 - The Centre for Experimentation of Solutions for Adaptation to Climate Change (CESACC) in Rouen;
 - The Living Laboratory for Transitions in Building in Rouen;
 - The Living Laboratory for Nature-based Solutions in Trappes.

Research structures eligible for multidisciplinary, multi-laboratory collaborations in the CY Generations call

- All the research laboratories eligible for the CY Generations call
- Internal research structures of CY Generations partner institutions (without funding):
 - EBInnov (EBI)
 - Scientific Platform (ISIPCA)
 - LR2E (ECAM-EPMI)
 - Research Laboratory (INP)