

MAKE fund

EPFL, Vice-presidency for Education.

Call for proposal:

The challenges that students will be confronted with once they graduate are becoming increasingly complex. Besides requiring solid background in a core discipline, they demand an ability to work at the intersection between a range of fields.

The MAKE fund supports EPFL projects giving students an opportunity to confront themselves with the challenges posed by interdisciplinarity during their training, giving them a head start in developing the skills they will need in their professional future. It aims at facilitating group projects involving students across sections and implying prototyping.

Submitted projects shall:

- give students freedom to develop their own ideas and solutions
- participate in the reinforcement of students' skills and knowledge in their discipline thanks to practical implementation
- expose students to interdisciplinarity thanks to the diversity of the project tasks involving a number of students coming from various sections of the school
- give students the opportunity to acquire transversal skills such as team-working and project management among others

Projects can be initiated by students (bottom-up) or Professors (top-down). Two main categories of projects are identified:

Project part of a course

Included in one specific course, these projects presents open ended approach giving room for students to develop their own ideas and solutions and are open to students across sections.

Ex: Student robot contest.

Interdisciplinary projects

Projects involving numerous different subprojects carried by students in different formats (bachelor projects, master projects, non-credited projects) and coordinated toward a same goal.

Ex: Hyperloop project.

Due to the complexity involved with the setting of interdisciplinary projects, it is strongly recommended to design projects aiming at lasting several years (yearly project format repeated several time or one project running over several years). Even though projects are designed for a multi-year period, a yearly presentation and validation of the support will be needed.

We also recommend that you contact the interdisciplinary project coordinator Julien Delisle to assist you in preparing your project application.

Submission process

Two call for projects are open. Deadline for submission are:

May 24th 2019 for semester and yearly projects starting in September 2019

October 10th 2019 for semester and yearly projects starting in February 2020

Evaluation of the projects will be made by a committee (the Make committee) composed of:

- The Vice-President for Education
- 1 representative of each Faculty
- 1 student representative
- 1 representative of Learn Center

The selection will be made on the basis of the information compiled in the formula below and, if requested by the Make committee, a short presentation to the committee.

For submission, send your application for evaluation by the MAKE committee (contact: julien.delisle@epfl.ch)

General information

Project title	
Project nature <i>What type of project are you willing to develop?</i> <i>Describe the type of project in a few sentences. What is the format of your project? How will it be handled within EPFL?</i> <i>Project main schedule (starting date, event date if any, ending date)</i>	<input type="checkbox"/> Project part of a course (support order of magnitude 5'000 CHF) <input type="checkbox"/> Interdisciplinary project (support order of magnitude 20'000 CHF per semester) <input type="checkbox"/> Other
Main Applicant(s) <i>Professor in charge of the project. In case of project initiated by students, responsibility of the project has to be taken by one EPFL Professor, please mention his details (EPFL responsible)</i>	
EPFL operational responsible <i>Name of the operational EPFL contact person in charge of the daily project coordination (EPFL employee).</i>	
Students <i>List of students already involved in the project definition.</i>	

Project Summary

Project description

Define your project aim, the objectives and the context in which it will take place (internal, part of a contest, other), etc.

Project history

Has the project already been run at EPFL, if yes, when (please give some indication relative to synergies between past event and current proposition – transfer, use of built expertise, etc)

Project perceived evolution

Shall the project be supported, how do you see its evolution over the years (repetition of same format for different editions, evolution of the format, other?)

Project organization

Describe the project organization

In case of interdisciplinary project indicate how the coordination will be handled and who will be the person in charge

Mention the level of recognition needed within EPFL (creation of student association, recognition as course, other)

Project planning and milestones

Define project planning and main milestones.

Supported projects are asked to have regular follow-up milestones with the interdisciplinary project coordinator to document project progress and identify best practices. Please mention how you plan to integrate them in your project

EPFL supporting laboratories

In case of interdisciplinary project list the different topics and Professors who will be involved in supervising them (please differentiate the Professors who have accepted from the ones who might be interested in the future)

Please mention who will be involved, what will be the contribution of each participant, and what will be his benefit to participate

EPFL supporting faculties

What is the level of support from the different faculties and what is the level of commitment (please provide support letter if relevant)

Integration to EPFL curricula

How will your project be linked to the EPFL curricula (part credited and how)

Impact

Pedagogical expected impact

List the expected pedagogical impact of the project (what are the challenges and expected learnings)

What is the expected benefit for students?

For each, mention the way you are planning to evaluate the learnings

Societal expected impact

If relevant, mention the link with societal challenges

What is the expected impact of the project

Interdisciplinarity level

List of sections who can be involved in the project (please differentiate the sections having one identified project from the one presenting potential)

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Financial information

Costs

Describe here the budget required for your project

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Required support

Describe wished financial support and the way it will be used

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Funding

List here any financial support you have already identified (please mention the status – guaranteed, under discussion, potential)

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Feasibility

Available Resources

List the available resources (internal and external) to support your project

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Identified challenges

List the identified challenges and the potential measures to solve them

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Nedded support from existing EPFL's infrastructures

List the identified support needed at EPFL (DLL, SKIL, laboratories, space, specific equipment, other) and if you have any prior notice from the person in charge (please mention your contact)

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Comments

*Please add any comment for the
MAKE committee.*

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Annexe(s)

List of annexes if any

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Signature(s)

*By the main applicant and EPFL
operational responsible*

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