

# Gaspard Monge Program for Optimization, operations research, and their interactions with data science

## Project Submission Form

Year 2024

**This document may be filled in French or in English, except for the short summary (which must be in English).**

**Ce document et ses annexes peuvent être remplis en français ou en anglais (à l'exception du résumé court, qui doit être fourni en anglais).**

**PGMO sub-program:** PRMO  IROE

Project category if PRMO: standard  young  prof

Project category if IROE: A  B  C

**New project or extension:**

*In case of an extension, a report is required (see related field)*

**Project Title:**

**Project Coordinator**

**Important:** for PRMO submission, the coordinator must belong to a laboratory affiliated to FMJH

Name :

Academic position:

Institution:

Tel:

E-mail:

Webpage:

Laboratory:

*Please attach a short CV after the scientific description of the project (see page 4)*

**Short summary of the project**

*The summary should be short (5 to 10 lines) and understandable by non-specialists. It will be used for communication purposes.*

**This field must be written in English.**

**Members of the Project**

*Academic members in the \*Name (Function/Status), Affiliation\* format*

*In the case of an IROE project, provide the names of the industrial correspondents*

## **Budget**

Total funding planned (for the full duration of the project):

Funding requested for the coming year:

Duration (1 year by default):

*Please break down below the requested budget into the following items: missions, internships, equipment, invitations, wages (post-docs and complements of PhD), others. The budget is only attributed for the coming year. For multi-year projects, renewal must be requested every year, based on the submission of an updated version of the submission document, including an activity report.*

**For category C projects of the IROE program, you may propose an alternative funding:**

*Please provide also the alternative breakdown*

**Scientific description of the project** (circa 2 to 3 pages, please be concise) *Provide in particular:*

- *State of the art*
- *Context (previous work) and issues; If the project is in the IROE program, state industrial issues and show how they are contributing to the IROE scientific contexts;*
- *References*
- *Originality, expected results and expected difficulties;*
- *Feasibility elements that may ensure the achievement of the project;*
- *Perspectives.*

*For IROE projects only, indicate also a tentative timeline with deliverables (software, technical reports, scientific papers, workshops, etc.)*

*In the case of an invited professor, specify the course proposal and on-site research project.*

**You may write the description here or generate it separately using, e.g., LaTeX, and aggregate all PDF files into a single one.**

This description can be provided in French or in English.  
La description scientifique du projet peut être écrite en français.

**Short CV of the project leader** You may write it here or aggregate a CV in PDF format (in French or in English)

**Report on the first part of a project, in case of a renewal** *If this project is a request of renewal of a project, please include here a description of the outcome of the previous project (i.e., a short description of the main results, a list of publications or communications or software produced with the help of the project, internships, invitations.)*

*You may write it here or aggregate a report in PDF format (in French or in English)*

**Please note: by “renewal”, we mean a project with a team similar to the team associated with another project funded in the past 2 years.**

