

Call for applications EnergyAlps 2025

The EnergyAlps LabEx

The EnergyAlps LabEx starts in January 2025. It aims to bring together UGA researchers to tackle the challenges of electrical energy, a key part of the energy transition. This pluridisciplinary community is made up of many teams from the PEM, PSS, and MSTIC research poles, as well as teams from CEA Grenoble.

EnergyAlps addresses scientific challenges related to resilient electrical systems planning and control, energy systems governance and regulations, digital technologies for smart grids, and sustainable power electronics. EnergyAlps includes cross-disciplinary aspects such as multi-scale data, methods and models. For more information, please refer to the document describing the [labex's scientific project](#).

EnergyAlps is launching its first call for applications to the Grenoble academics. There are three funding packages: seed funding, PhD and postdoc funding. The call aims to strengthen synergies within the community and produce breakthrough research on subjects that are little addressed, but whose results would be a source of significant advances.

Seed funding (max. funding per application: 6keuros)

This package supports new research projects. Funding may cover internships, small equipment, or operating costs.

Evaluation criteria: scientific quality (originality, clarity of approach and methods, relevance of consortium and mobilized resources), expected impact on more ambitious research projects, development of synergies within EnergyAlps.

Schedule:

Launch of call: 16 September 2024

Closing date for applications: 22 October 2024 by 1 p.m.

Announcement of results: early December 2024

Start of projects: early 2025

Post-doc funding (max. funding per application: 24 months postdoc)

EnergyAlps supports post-doctoral research to consolidate significant advances on electrical energy themes, to benefit from the expertise of young researchers and possibly prepare them for an academic career. Post-docs will last between 12 and 24 months. Applications may include other direct costs up

to 5 k€. The evaluation committee may use its discretion in deciding whether the concerned costs should be funded.

Evaluation criteria: scientific quality (originality of approach in relation to the state of the art, clarity of approach and methods, relevance of consortium and resources mobilized), relevance of post-doc tasks, expected impact in relation to LabEx themes, development of synergies within EnergyAlps.

Schedule:

Launch of call: 16 September 2024

Closing date for letters of intent: 22 October 24 by 1 p.m. Letters of intent are optional. Projects that have submitted a letter may be coached by the LabEx board for the building of the final application. The letter will not be used for evaluation, but will enable the LabEx board to assess the best possible arrangements for coaching.

Closing date for applications: 18 December 2024 by 1 p.m.

Announcement of results: early March 2025

PhD funding (max. Funding per application: 1 PhD grant)

Unlike the seed and post-doc packages, the PhD package focuses on a specific theme. This theme may vary from one year to the next.

Theme 2025: Approaches for a medium/long-term prospective vision of power system resilience.

By resilience, we mean the ability to cope with known, unknown or emerging high-impact events associated, for example, with failure, climate change, geopolitical tensions, a deteriorated economic or social situation, etc. in a context of medium/long-term energy transition (time horizons from 2030 to 2050). Projects may focus on models, methods, technologies, regulations, organizational developments, forward-looking approaches and historical perspectives to assess and increase the resilience of power systems as part of more complex ensembles combining infrastructures, diverse governance schemes, various forms of spatial organization and multiple timeframes.

Evaluation criteria: scientific quality (originality of approach in relation to the state of the art, clarity of approach and methods, relevance of consortium and resources mobilized), relevance of post-doc tasks, expected impact in relation to LabEx themes, development of synergies within EnergyAlps.

Schedule:

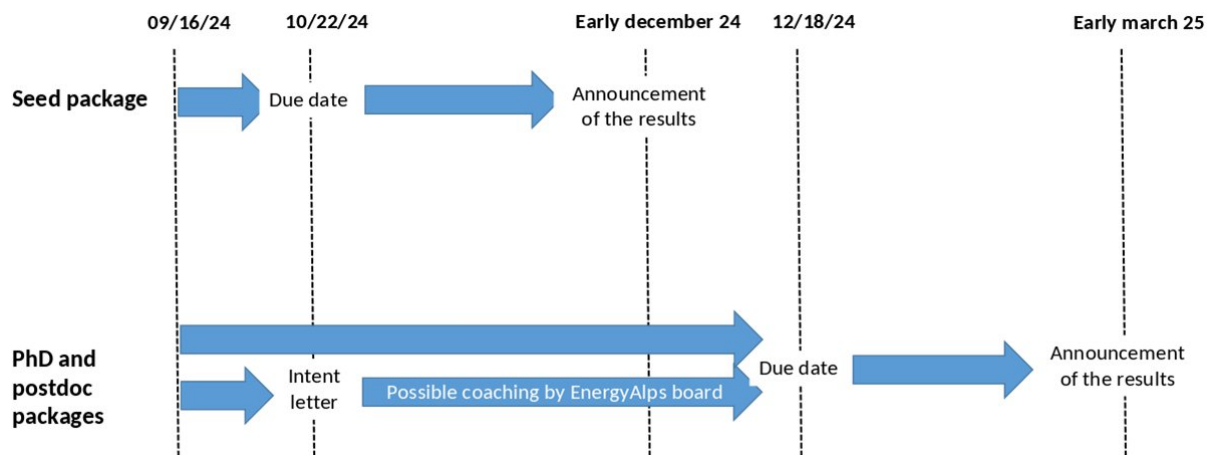
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Call planning



Terms and conditions

Synergy definition: Projects must meet two requirements:

- At least, one UGA's research unit must be member of the project consortium
- Another UGA's research unit and/or CEA Grenoble team must be associated to the consortium

Project management:

The project coordinator must be a permanent member (researcher, teacher-researcher) of one of the UGA or CEA Grenoble research units.

The visa of the applicant's laboratory director is required. All project proposals are eligible, with no quota per laboratory.

Projects involving national or international academic partners outside UGA or actors from the socio-economic or cultural world are eligible. But only activities carried out in UGA or CEA Grenoble research teams will be funded.

For PhD funding, the PhD supervisor must be attached to a UGA Doctoral School.

Application form:

The form is detailed in the appendices. It must be a single-spaced document written in 11-point Calibri font, in English or French.

Submission:

Dossiers must be submitted in a single document in pdf format. They are due by the dates indicated in the call planning. Otherwise, they will not be considered for evaluation. Documents should be sent to energyalps-direction@univ-grenoble-alpes.fr.

Contact

energyalps-direction@univ-grenoble-alpes.fr

Appendices (application form and intent letter)

All packages

Application form EnergyAlps 2025

Project acronym	
Project title	
Project coordinator (Name, title, research unit, institution)	
Call package	☐ Seed funding ☐ PhD ☐ Postdoc

Project description (Seed funding package = max. 2 pages / PhD and postdoc packages = max. 5 pages)

- Scientific and/or technological background, project objectives and positioning
- Methodology / Expected results
- Project organization: planning, consortium (synergies and complementarities between partners, roles) and any other partnerships, use of funds

Project coordinator CV (All packages = max. 2 pages)

CV of the project coordinator detailing current projects and the resources available in relation to the LabEx themes. Highlight the resources needed to carry out the submitted project.

PhD or postdoc tasks (Phd and postdoc packages = mas. 1 page)

List of the permanent people involved in the project

Name	Title	Research unit	Full time equivalent over the project	Discipline

Funding request (All packages)

Operation/equipment/internships (All packages)

	Amount (euros)	Short description
Internship (700€/month)		
Equipment		
Traveling costs		
Communication		
External services		

Other expenses		
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PhD (PhD package)

Doctoral school

PhD supervision

	Name	HDR (yes/no)	Research unit
Main supervisor (with HDR degree)			
Co-supervisor (if necessary)			

Postdoc (Postdoc package)

Requested funding (in months) :

References (All packages = max. 1 page)

Certificate of project submission (All packages)

(to be signed by the head of the coordinator's research unit)

I, the undersigned, (first name, last name)

Head of the research unit (acronym and title)

hereby certify that I have taken note of the submission of the above-mentioned project to the EnergyAlps call for application.

PhD and postdoc packages

Intent letter

Project acronym	Not mandatory
Project title	For information only
Project coordinator (Name, title, research unit, institution)	

Project description (max. 2 pages)

Any element enabling the LabEx board to assess the project's intent and possible coaching arrangements