



CIHEAM
MONTPELLIER

VACANCY ANNOUNCEMENT

Recruitment of a Postdoctoral Fellow

Full-time 2 years contract

The Mediterranean Agronomic Institute of Montpellier (CIHEAM Montpellier), one of the four institutes of the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), is an intergovernmental organization whose mission is the development of higher education and lifelong learning, research and cooperation in the Mediterranean area. Within the scope of the GREENCOOP project, CIHEAM Montpellier offers a position of a Postdoctoral Fellow.

CONTEXT

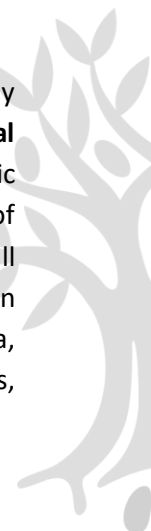
The GREENCOOP project aims to support the transition towards more sustainable and resilient rural systems in Europe by promoting innovative business models, agroecological practices and digital solutions. The project is structured around a network of Living Labs, where farmers, rural businesses, researchers, public authorities and other stakeholders collaboratively explore, co-design and test solutions adapted to local socio-economic and environmental conditions.

A central component of GREENCOOP is the identification and assessment of Rural Community Business Models (RCBMs) and the analysis of how agroecological and digital innovations can contribute to improved farm performance, economic viability and territorial sustainability. The project combines qualitative evidence generated through multi-actor and Living Lab processes with quantitative assessments aimed at exploring the potential impacts of alternative transition pathways under different scenarios.

Within GREENCOOP, CIHEAM-IAMM contributes to the analysis of rural business models and to the quantitative evaluation of selected agroecological and digital innovations, drawing on its expertise in agricultural economics, farm-level analysis, bio-economic modelling and participatory approaches. These activities aim to assess the economic and environmental implications of alternative transition pathways while ensuring close integration between modelling activities and the data, innovations and scenarios developed within the Living Labs.

ROLE

The Postdoctoral Fellow will join the CIHEAM-IAMM GREENCOOP research team and contribute primarily to activities related to the **quantitative assessment of agroecological and digital innovations and Rural Community Business Models within Living Lab contexts**. Working closely with the CIHEAM-IAMM scientific team and project partners, the Postdoctoral Fellow will support the implementation and application of farm-level and bio-economic modelling approaches to selected GREENCOOP case studies. The position will focus primarily on the **application, calibration and use of existing modelling frameworks**, rather than on the development of new theoretical models. Particular attention will be given to integrating Living Lab data, analysing alternative scenarios and translating modelling results into evidence relevant to project activities, business-model assessment and rural transition pathways.



ACTIVITIES AND TASKS

1. Living Lab data integration

The Postdoctoral Fellow will:

- Support the collection, organization and harmonisation of socio-economic, agricultural and environmental data from selected GREENCOOP Living Labs;
- Collaborate with project partners and Living Lab teams to identify data requirements for quantitative assessments;
- Prepare structured datasets for modelling and scenario-analysis activities;
- Ensure consistency between qualitative information generated through stakeholder engagement processes and quantitative model parameters and assumptions;
- Contribute to documenting data sources, assumptions and methodological choices.

2. Implementation of farm-level and bio-economic models

The Postdoctoral Fellow will:

- Apply existing **farm-level and/or bio-economic modelling frameworks** to selected GREENCOOP case studies;
- Collect and prepare the data required for model implementation;
- Support model parameterisation and calibration for representative farms or farming systems;
- Incorporate selected agroecological and digital innovations into the modelling framework;
- Implement predefined baseline and alternative scenarios developed within the project and Living Labs;
- Perform sensitivity analyses where appropriate and assess the robustness of model results.

3. Quantitative assessment of Rural Community Business Models

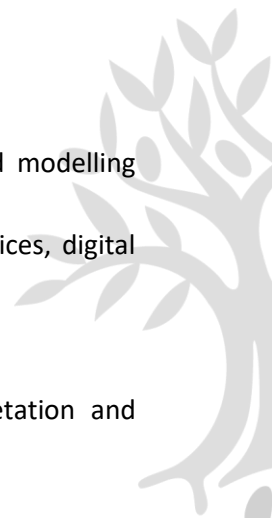
The Postdoctoral Fellow will:

- Contribute to the quantitative evaluation of selected **Rural Community Business Models (RCBMs)**;
- Develop and calculate relevant economic, farm-performance and, where appropriate, environmental indicators;
- Compare baseline situations with alternative business-model and innovation scenarios;
- Assess potential changes in production costs, revenues, profitability, labour requirements, resource use and other relevant farm-level outcomes;
- Support interpretation of quantitative results in relation to the broader objectives and transition pathways identified within GREENCOOP.

4. Data analysis and scenario exploration

The Postdoctoral Fellow will:

- Conduct descriptive, comparative and exploratory analyses of project datasets and modelling outputs;
- Support the implementation of alternative scenarios related to agroecological practices, digital innovations and business models;
- Analyse differences in outcomes across farming systems, Living Labs and scenarios;
- Prepare figures, tables and other analytical outputs;
- Participate in scientific discussions with project partners concerning the interpretation and validation of results.



5. Contribution to project implementation and deliverables

The Postdoctoral Fellow will:

- Contribute to the preparation of GREENCOOP technical reports and project deliverables related to quantitative assessment and modelling;
- Support the integration of modelling results with qualitative, Living Lab and business-model findings;
- Collaborate with project partners for data collection and scientific implementation of the relevant project tasks;
- Participate in consortium meetings, technical workshops and Living Lab activities when required;
- Support the CIHEAM-IAMM scientific team in monitoring the implementation of the relevant project activities.

6. Scientific dissemination

The Postdoctoral Fellow will have a targeted involvement in dissemination activities and will:

- Contribute to scientific conference abstracts and presentations;
- Participate in the preparation of technical and scientific reports;
- Support the preparation of figures, tables and analytical material for project communication and dissemination;
- Contribute, where appropriate, to scientific publications arising from the modelling and quantitative assessment activities.

REQUIREMENTS

The Postdoctoral Fellow must meet the following requirements:

- PhD in **Agricultural Economics, Environmental Economics, Agricultural Sciences**, or another closely related discipline;
- Demonstrated experience in **applied quantitative modelling**, preferably involving farm-level, bio-economic, optimization or related agricultural models;
- Experience in quantitative data analysis and management of structured datasets;
- Knowledge of at least one relevant analytical or programming environment, such as **R, Python, GAMS, MATLAB or equivalent**;
- Ability to implement and adapt predefined modelling frameworks to different empirical case studies;
- Good understanding of agricultural production systems, farm economics and/or sustainability assessment;
- Excellent oral and written communication skills in **English**.

The following qualifications would be considered an advantage:

- Previous experience with bio-economic or mathematical programming models;
- Experience with Living Labs, participatory research or multi-actor European research projects;
- Knowledge of agroecological transition, rural business models, digital agriculture or sustainable rural development;
- Experience in European research projects, particularly Horizon Europe;
- Scientific publications related to agricultural economics, modelling or sustainability assessment.



PERSONAL SKILLS REQUIRED

The candidate should demonstrate:

- Strong analytical and quantitative skills;
- Ability to work independently while contributing effectively to a multidisciplinary research team;
- Good organisational skills and ability to manage multiple activities and deadlines;
- Capacity to interact constructively with researchers, farmers, project partners and other stakeholders from different disciplinary and cultural backgrounds;
- Ability to translate complex quantitative results into clear and accessible scientific and technical outputs;
- Dynamism, autonomy and problem-solving capacity;
- Excellent teamwork skills in an international and multicultural environment;
- Strong scientific writing and synthesis skills.

JOB SPECIFICATIONS

- **Contract duration:** fixed-term contract of 24 months, with the possibility of extension for a third year under specific conditions;
- **Working time:** full-time;
- **Location:** CIHEAM-IAMM, Montpellier, France;
- **Travel:** occasional missions to GREENCOOP Living Labs and project-partner countries may be required;
- **Salary:** according to the CIHEAM-IAMM salary scale and the candidate's qualifications and experience;
- **Working environment:** integration within the CIHEAM-IAMM research team and close interaction with the international GREENCOOP consortium.

SELECTION PROCESS

The application must be written in English and include a CV and a cover letter concerning the missions defined in the job description.

Deadline for Submission: **10th of September 2026**

Selection Committee: **14th of September 2026**

Starting Date: **as soon as possible**

The application file must be sent by email to emploi@iamm.fr
Contact for any information on the project: kleftodimos@iamm.fr

CIHEAM Montpellier is committed to a policy of non-discrimination and gender. Position open to people with disabilities.

