



## INCUBIO'BREEDING

### Incubation for Organic, Open, Transdisciplinary and Participatory Plant Breeding Projects

The hypothesis of the massive development of organic agriculture is renewing the stakes concerning varieties, seeds and seedlings, and calling into question multi-disciplinary and participatory research on new fronts of science such as:

- varietal ideotypes for the different OA production, processing and marketing sectors;
- species and associations of species for greater diversification from the farm to the fork;
- digestive efficiency of new food resources for animal and human consumption;
- the effects of plant defense metabolites on product quality and transformation processes;
- breeding organization.

The consortium also addresses issues related to:

- breeding methods, the impact on genetic resource management, and the underlying economic models;
- the involvement of citizens in breeding programs; the role of public authorities;
- the legal aspects of plant breeding;
- the tension between greening and technologization;
- etc.

CONSORTIUM  
2023-2024

#### Coordination

Dominique Desclaux,  
BAP/DIPSO  
dominique.desclaux  
@inrae.fr

#### Keywords

Plant Breeding  
One Health  
Massification of OA

**METABIO**



Contact METABIO  
metabio@inrae.fr



## INRAE units

All of the interested  
INRAE departments and  
centers

## Partners

BIOCOOP

Eco-PB

EOCC (European Organic  
Certifiers Council)

GEVES-CISAB

FIBL

IFOAM

INAO

ITAB

Master chefs

SEMAE

*open to others*



Anticipating, formalizing and prioritizing research questions requires the strong mobilization of multi-disciplinary and multi-partner collectives within the framework of highly participative approaches open to a diversity of stakeholders.

To achieve this objective, the project proposes a combination of innovative actions:

- monthly "café" videoconferences, bringing together actors from the research, agricultural education and third research sectors, and the general public;
- a mentoring system for novice researchers/engineers/teachers by resource persons;
- residencies (similar to artists' residencies) open to academic and non-academic partners, to encourage the incubation and development of research projects;
- development of information media on OA to promote knowledge-sharing.

**METABIO**



Contact METABIO  
[metabio@inrae.fr](mailto:metabio@inrae.fr)

