

## Horizon Europe Work Programme 2021-2022

### Food, Bioeconomy, Natural Resources, Agriculture and Environment

Destination – Fair, healthy and environment-friendly food systems from primary production to consumption

Call - Fair, healthy and environmentally-friendly food systems from primary production to consumption

#### Call

HORIZON-CL6-2022-FARM2FORK-01-12: Agro-ecological approaches in African agriculture systems  
Research and innovation program

#### Title

Collaborative research framework for agroecological transformation of farming systems in West Africa

How to transform ecologically farming systems in West Africa: a collaborative research and guidelines to explore adapted solutions

#### Objectives

The objective is to promote transformative pathways rooted to agroecology in varied farming systems of West Africa.

Our ambition will be to propose a framework of collaborative research (CR) to support actors (farmers, technicians, deciders) who want to define and to implement agroecological transition pathways in their territories. Our convictions are that social, political and economic levers and barriers are as critical as biophysical and technical ones, and that each agri-food system has its own solutions.

Specific objectives :

1. Settle local multiactors platforms of collaborative research fixing shared objectives and governance.
2. Develop a collaborative research (i) to question aspirations of actors in the future (iii) to examine social and ecological levers and barriers to reach these aspirations (iv) to build solutions meeting agroecology criteria or leading to an agroecological transition
3. Make expertise ordered by local collaborative research platforms on social, political, cultural, ecological and technical barriers and levers
4. Propose an autonomous and adaptive form of management to sustain the capabilities of Collaborative Research Platform (CRP) to tackle future challenges
5. Design support, guideline digital tools helping to initiate and implement CR on agroecology transition, and validation with NGO or producers' organisations promoting agroecology transition in the different countries.
6. Disseminate results to producers' organisations, collectivities, public deciders to raise awareness and to give solutions for an agroecological transition

This collaborative research will be supported by an inventory of local knowledge and innovations as also by the exploration of human, ecological and agronomic fundamentals of agro-social-ecological systems. The project will mobilize ACARDI methodology<sup>[1]</sup> associate to causal layered analysis.

### **Project partners**

1. IRD (France, coordination)
2. CIRAD (France)
3. XTNT (France)
4. Center for Agroecology, Water and Resilience, Coventry University (UK)
5. Copernicus Institute, Utrecht (The Netherlands)
6. IPAR (Senegal)
7. University of Nangui Abrogoua (Ivory Coast)
8. University of Maradi (Niger)
9. ICRISAT (Niger)
10. Université de Maradi (Niger)
11. Organisations paysannes (Niger)

### **Missing partners**

- User Experience designer (UX design). Designing tools for deliberative research or action, or rapid appraisal tools, etc. Paper or digital supports.
- Specialist of approaches and methods to enhance the demand for food products resulting from agro-ecological practices, from local, national, regional and international markets

### **Contact**

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