



Roles and responsibilities of crop diversity managers in the agroecological transition

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TiersDiv



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Agroecological transition & genetic resources

Practices

individual... to collective

Movement

demanding a more sustainable form of
agriculture

Discipline

Integrating concepts from
agronomy and ecology

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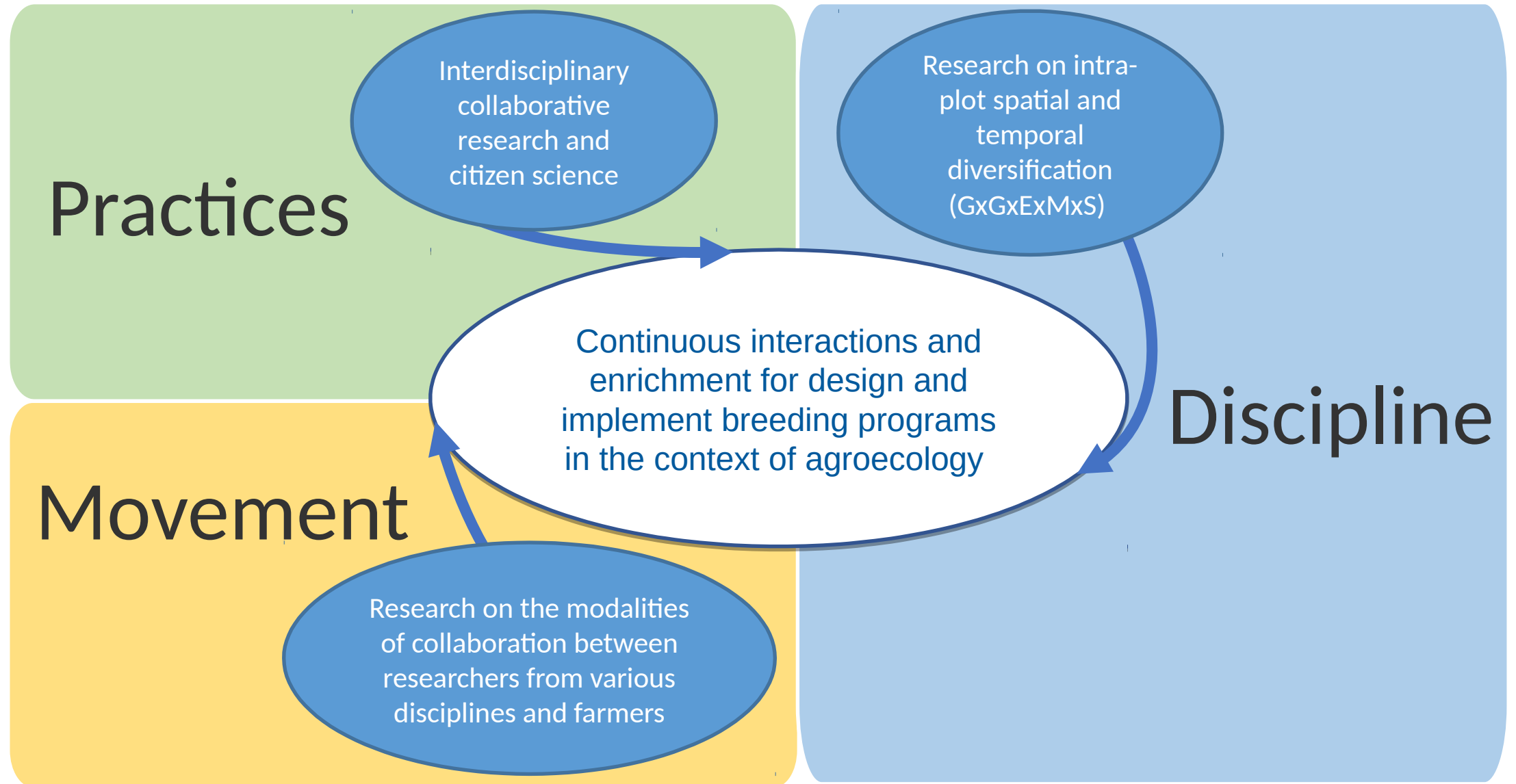
Discipline

Integrating concepts from agronomy and ecology

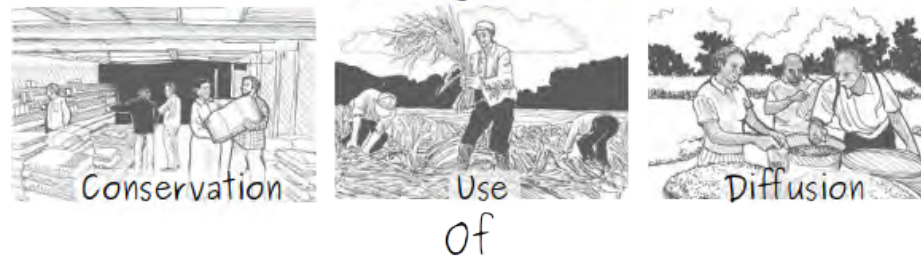
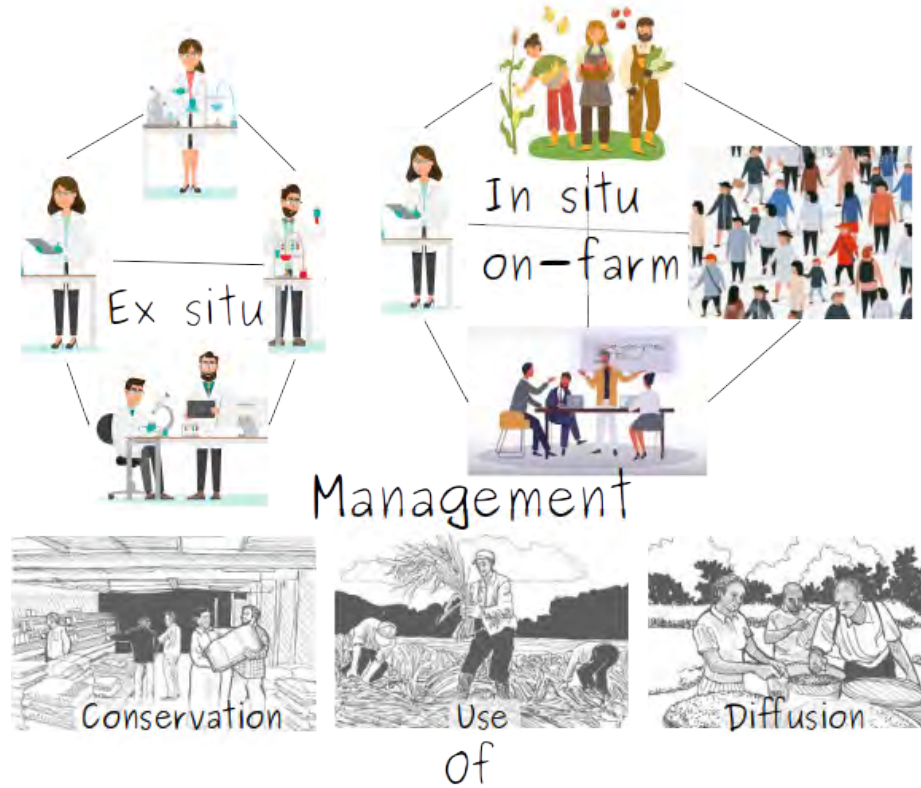


mobilize and screen PGRFA to inject diversity into breeding programs

Agroecological transition & genetic resources

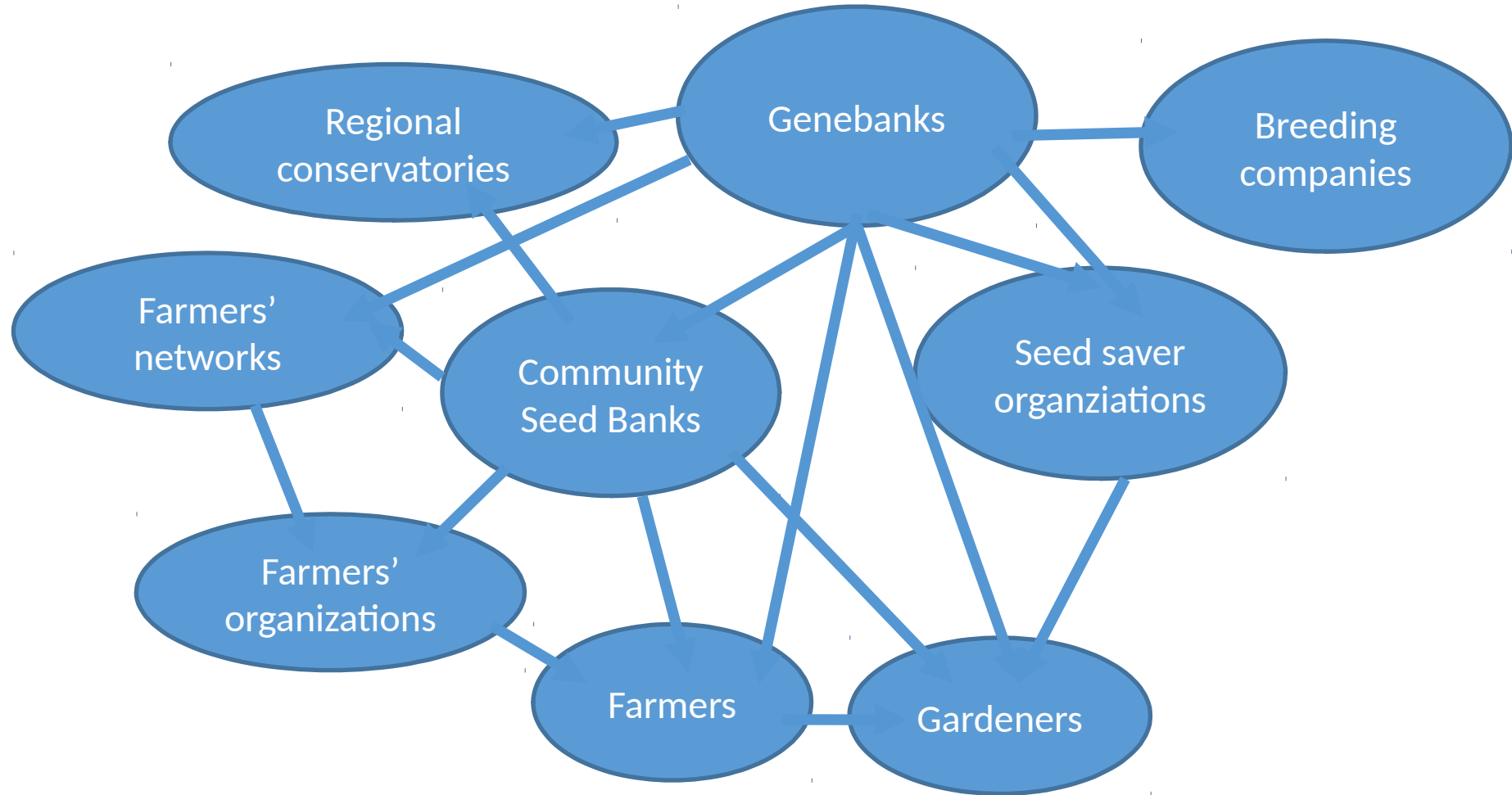


Recognition of a diversity of actors involved in the management of cultivated diversity



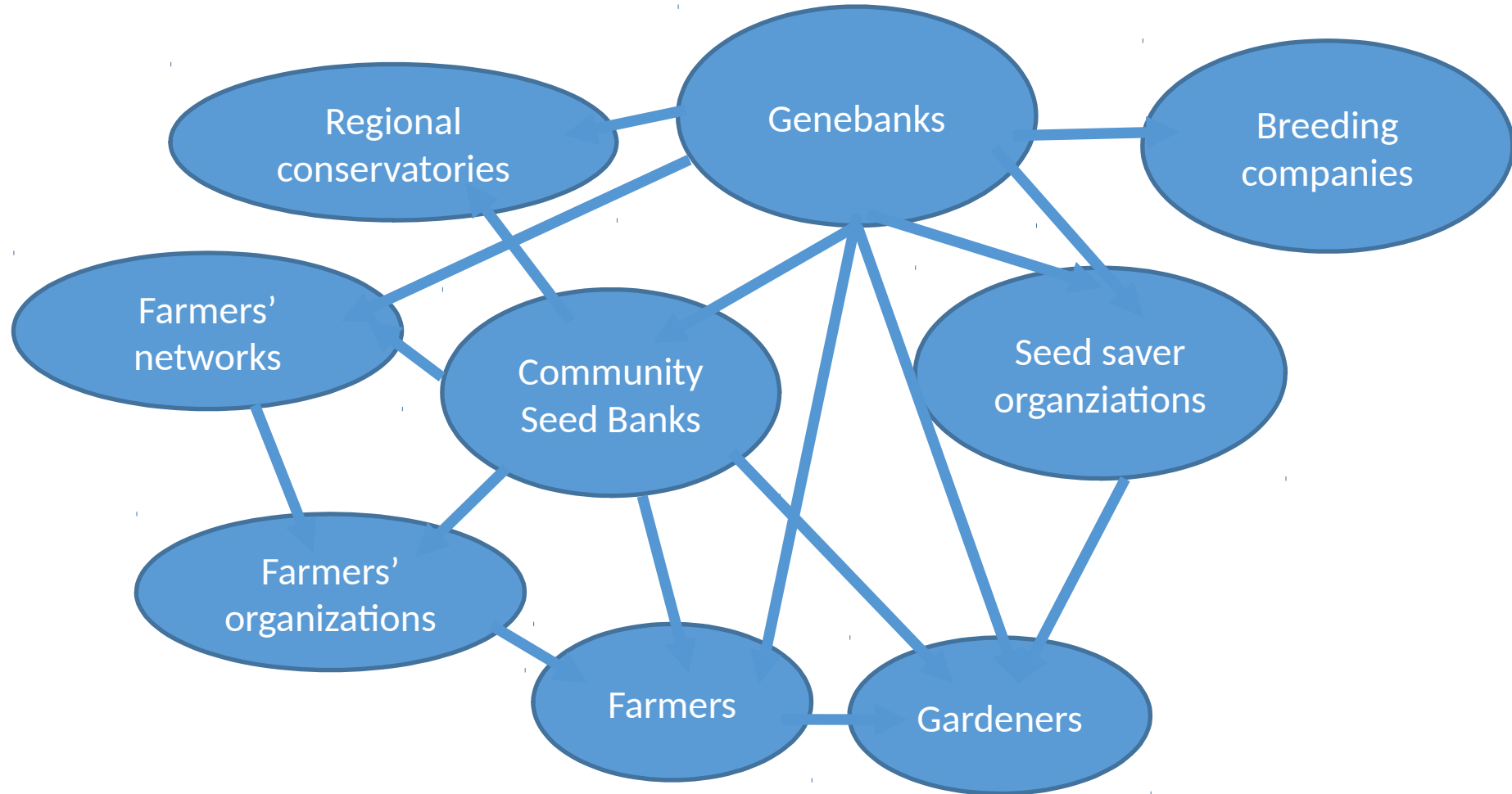
In France, an arrêté of the 27 May 2016

Recognition of a diversity of actors involved in the management of cultivated diversity



Ecosystem of actors involved in the management of cultivated diversity

Recognition of a diversity of actors involved in the management of cultivated diversity



How to collaborate with this diversity of actors ?

=> Research responsibility to foster collaboration between these actors

CoEx project

A) Development of a conceptual framework based on common



Article

Crop Diversity Management System Commons: Revisiting the Role of Genebanks in the Network of Crop Diversity Actors

Sélim Louafi ^{1,2,*}, Mathieu Thomas ^{1,2}, Elsa T. Berthet ^{3,4,5}, Flora Pélissier ^{1,2}, Killian Vaing ^{1,2},
Frédérique Jankowski ^{6,7}, Didier Bazile ^{6,7}, Jean-Louis Pham ⁸ and Morgane Leclercq ^{1,2,9}

Recognition of the involvement of a diversity of actors



Call to take a step aside by relying on the concept of the common

Integration of the concepts of genetic resources and seeds

CoEx project

B) Creation of spaces for **reflexivity on the modalities of collaboration**

- 1) Organization of 3 workshops prepared and conducted in pairs researcher / FO
- 2) Setting up of a survey among farmers' organizations in France, Senegal and Niger

Result: Elaboration of a practical guide to collaborate between researchers and farmers co-developed by the participants of the workshops





CoEx / Dynaversity projects

C) Creating space for **collective experimentation** to revisit the role and governance of gene banks

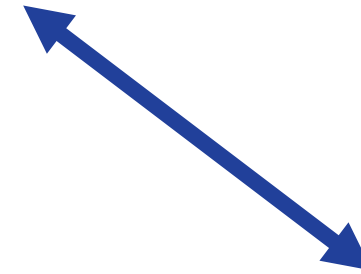
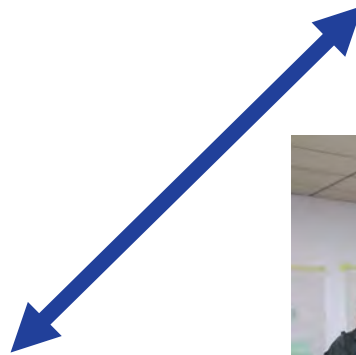
A multi-actor process

Genebanks



Research

Civil society organizations



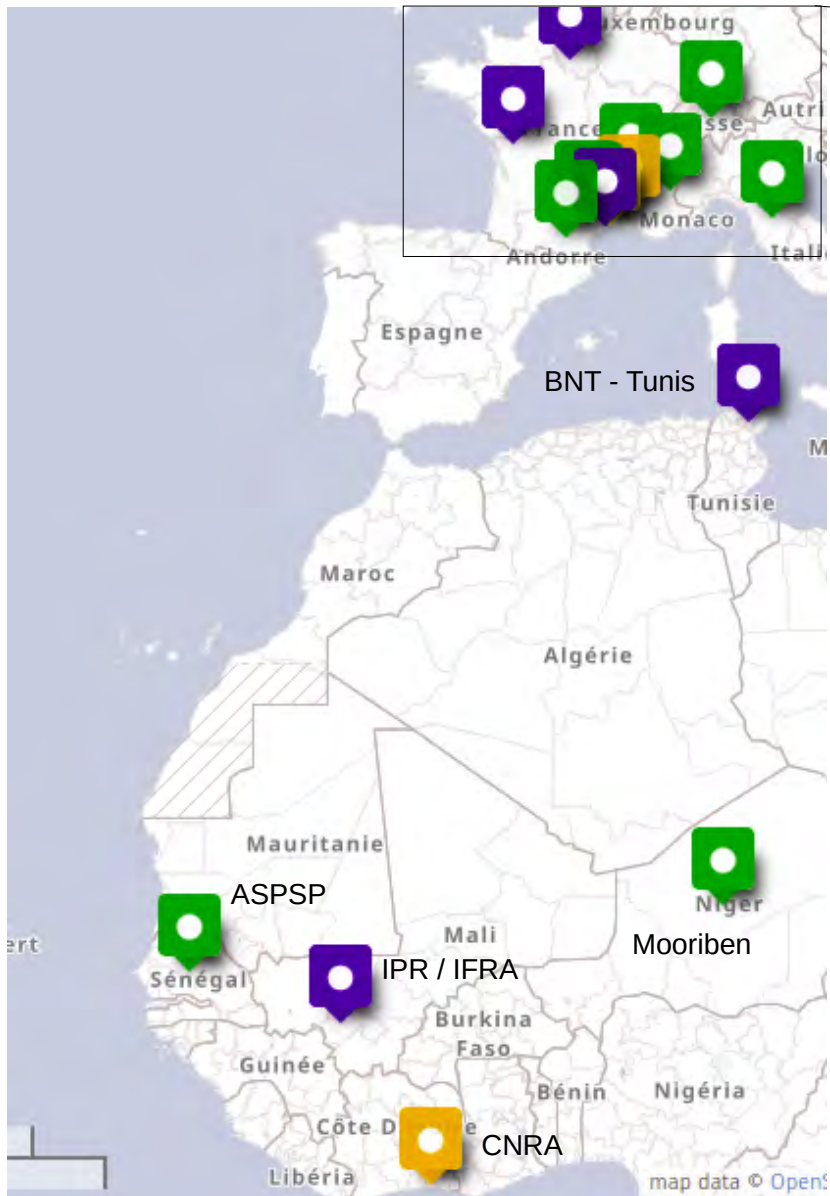


CoEx / Dynaversity projects

Research

Genebanks

Civil society organizations



Main steps of the process

Research

Genebanks

Civil society organizations

Présentiel

Virtuel

Nov. 2019

Juin 2020

Octobre 2020

Décembre 2020

Avril 2021

Juin 2021

Stage Flora

Mèze workshop

4 1 9



Méthode anticipative

KCP workshop

4 1 8



Méthode KCP

Road map



Shared diagnosis

Idea generation for innovative collaboration

1. Inter-knowledge
2. New rules of governance
3. Collaborative research program

Construction of a third place around the cultivated biodiversity

Collaborative research program

Main steps of the process

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Méthode KCP

Cross visit

7 3 5



CRB Avignon - Jardin'envie

Shared diagnosis

Idea generation for innovative collaboration

Road map



- Consideration of material realities
- Sharing of experience on multiplication techniques
- Interest in going further together



1. Inter-knowledge
2. New rules of governance
3. Collaborative research program

Main steps of the process

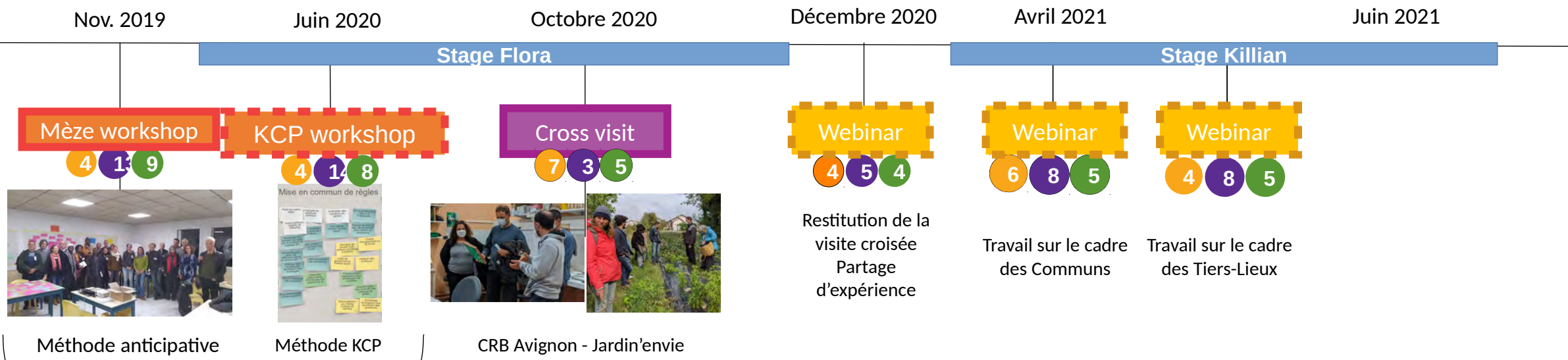
Research

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Shared diagnosis

Idea generation for innovative collaboration

Feuille de route



1. Inter-knowledge
2. **New rules of governance**
3. Collaborative research program

- Commons: collective seed management
- Third places: inspiring experiences

Main steps of the process



Shared diagnosis

Idea generation for innovative collaboration

Feuille de route



1. Inter-knowledge
2. New rules of governance
3. Collaborative research program

- Consideration of material realities
- Sharing of experience on multiplication techniques
- Interest shown in going further together in concrete terms (training course)

Main steps of the process

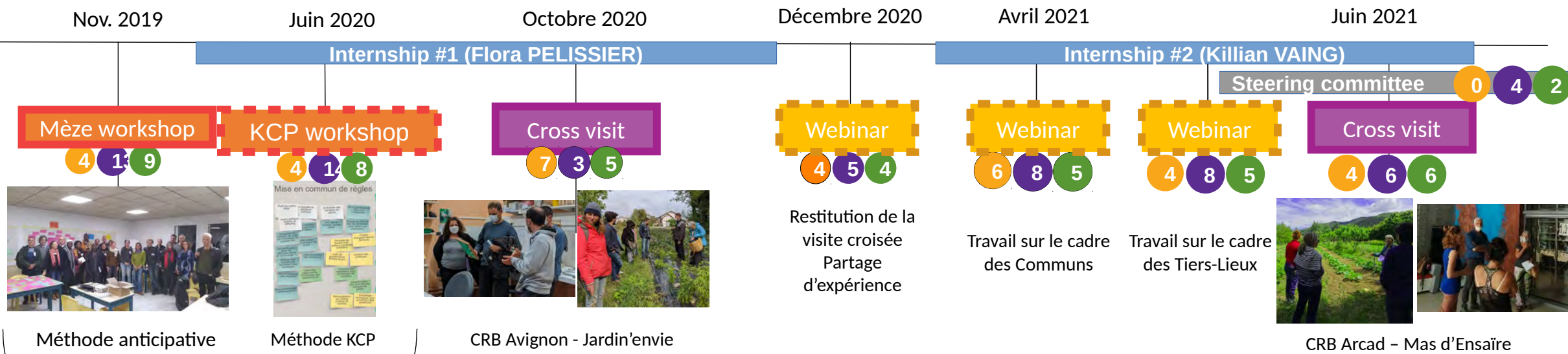
Research

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Shared diagnosis

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Feuille de route



1. Inter-knowledge
2. **New rules of governance**
3. Collaborative research program

- Need for a shared governance of the process that is representative of the diversity of the actors

Next steps

Présentiel

Virtuel

Déc. 2021

Printemps 2022

Steering committee

Cross visit

Workshop on third place

Graine de Montage /
Conservatoire des Hautes-Alpes

- Multi-sited third place
- Research-action on a problem anchored in a territory (governance, local seed multiplication, etc.)
- activities in West Africa

Road map



1. Inter-knowledge
2. New rules of governance
3. Collaborative research program



Take home messages

- Agroecological transition relies on a **diversity of actors**
- **Collaboration** between these diversity of actors is **not self-evident** and it is a long term process
- Need to develop **new forms of experimentation**
- Opening up on a new **multi-actor governance** better adapted to the context



Merci pour votre attention !

