



Making BRCs key actors of the agroecological transition

Introduction

RARe Webinar - 25 November 2021

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What is RARe ?

www.agrobrc-rare.org

RARe is the national infrastructure for securing, documenting and distributing the living resources of the Earth system. These are genetic, genomic and biological resources collected and characterised by research for agriculture, food & the environment.

! A biological resource = biological material + associated data

Resources are managed by **Biological Resource Centers “BRC”**

RARe includes **35 BRCS** organised in **5 pillars** :



What do we mean by agroecology ?

⇒ a scientific discipline combining ecology and agriculture research
& a set of practices

- Based on biological processes rather than chemical processes
- Benefits from biodiversity and the understanding of biotic interactions
- Supports a systemic approach
- Values ecosystem services
- Addresses global changes
- Aims at developing resilient agroecosystems

⇒ **BRCs support biodiversity and are open to users so**

⇒ **actors of agroecology**



Aims of the webinar

Set the scene to foster new ideas in order to strengthen the role of BRCs for research and practices in agroecology

5 invited speakers illustrating all the domains covered by RARe: crops, micro-organisms, animals, forest and the different dimensions of agroecology :

- Crop diversification
- Role of actors managing crop diversity
- Symbiosis between soil fungi and plants
- Innovative agroecosystems exploiting genetic diversity (crop-dairy and agroforestry)

Followed by a general discussion chaired by Christian Mougin

