



DYNAVERSITY

DYNAmic seed networks for managing European diVERSITY
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The project

Moving from plant genetic resources conservation towards community biodiversity management.

DYNAVERSITY is a multi-actor research project on networking *in situ* and *on farm* communities, linking the world of life sciences with social sciences, local communities, seed and consumers' networks.

It provides a forum where all actors involved with Plant Genetic Resources for Food and Agriculture (PGRFA) can interact and exchange their knowledge and experiences.

In situ dynamic management is seen as a means of capturing the evolutionary adaptation of plants exposed to changing environmental and management conditions, thereby providing a space for crop evolution and adaptation (including to climatic changes).

In situ strategies require a complex multi-actor approach and need to be embedded into overall strategies to sustainable use of PGRFA.

DYNAVERSITY will propose innovative models for the dynamic management and governance of PGRFA. The aim is to enhance interactions, complementarities and synergies between all actors involved, through a better understanding of their organisational and relational dynamics.

Through DYNAVERSITY's activities and initiatives, innovative forms of seed networking and socio-environmental knowledge and practices will be established.

The partners

A network of networks for a new shared governance of PGRFA.

Life sciences

- INRA (France)

Social sciences

- SEED (University of Liège, Belgium)
- Environmental Social Science Research Group (Hungary)

Policy

- Arcadia International (Belgium)

Seed networks

- European Coordination Let's Liberate Diversity (EU)
- Rete Semi Rurali (Italy)

Consumers networks

- URGENCI (CSA around the World - Europe)

Protected areas

- Federparchi (Italy)

Science communication

- formicablu (Italy)

International development

- CIRAD (France)

The SKEP

Sharing Knowledge and Experience Platform – DYNAVERSITY'S advisory and dissemination platform

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Objectives

In situ (including *on farm*) dynamic management is an important complement to *ex situ* conservation efforts and particularly relevant for tackling crop wild relatives, landraces and populations.

1. Provide an updated definition of the concepts regarding *ex situ*, *in situ* and *on farm* conservation based on the history of their development during the past decades to enhance European capacities for *in situ* conservation (including *on farm* and *in garden* conservation activities).
2. Develop a map of the cultural-political and socio-economic scene of PGRFA in Europe with stakeholders, multi-actor networks, sites and partnerships around *in situ*, *on farm* and *ex situ* conservation.
3. Establish the Sharing Knowledge and Experience Platform (SKEP) which aims at facilitating collaboration and networking between actors and stakeholders.
4. Set-up collective actions and networking on PGRFA, promoting the development of Community Seed Banks (CSBs) and tools for managing *on farm* diversity such as databases through the release of specific technical manuals.
5. Improve relationship between *ex situ* and *in situ* conservation communities based on adapted communication and a bottom up training plan (scientific summer school and a training programme for teachers) to increase diversity in food systems.
6. Promote an enabling institutional framework for new dynamic seed systems and strategies for innovative, participatory and integrated governance in the PGRFA communities, aiming at an increased use of diversity in breeding activities and in the food chain.

