On-farm conservation and management

(achievements/planning)
’ECPGR concept for on-farm conservation and management of PGRFA ’

- Draft by Task Force & Secretariat (3 iterations)
- Endorsed by Steering Committee in 2017
ECPGR approach agreed in the concept

- European Inventory of on-farm genetic diversity
- Developing indicators for monitoring diversity and threat
- Promoting good practices for on-farm management and conservation and adding value
- Concept of European on-farm crop diversity sites and its implementation
- Proposing legal and technical solutions to address issues of ownership, access, availability, marketing, etc.
Successful H2020 project

H2020 project on Networking, partnerships and tools to enhance *in situ* conservation of European plant genetic resources: Farmer’s Pride (2017-2020)

- Establish network of stakeholders and conservation sites to coordinate *in situ* landraces conservation and maximize sustainable use
Other achievements (ex V. Negri)

- Contribution to EU Preparatory Action
  ✓ Recommended development of European agrobiodiversity strategy

- LINKAGES Activity
  ✓ Recommendations on improving linkages between ex situ and direct users

- Links with other EC projects:
  ✓ PGRSECURE (2013-2016) → inventory of LR
  ✓ DIVERSIFOOD (2015-2019) → enrich diversity of cultivated plants within agroecosystems
  ✓ DYNAVERSITY (2017-2020) → exchange of knowledge on how best manage diversity in agriculture
  ✓ CROSYMED (2018 – 2021) → benefits of legume-cereal intercropping
Gaps or constraints identified
(ex V. Negri)

• Possibilities to include on-farm maintained landraces in AEGIS to be explored
New Objective 4. Phase X
On-farm conservation and management of European PGRFA diversity is promoted

Five Outputs:

4.1 Snapshot Inventory of the European on-farm diversity (landraces, obsolete cultivars and conservation varieties) carried out

- Designation of national on-farm inventory focal points
- Promoting agreement on data exchange format
- Defining coordination mechanism and responsibility for on-farm data gathering and compiling
- Collecting on-farm data
New Objective 4. Phase X
On-farm conservation and management of European PGRFA diversity is promoted

4.2 European on-farm diversity and trends monitored

✓ Defining indicators of on-farm diversity and trends
✓ Analysing on-farm diversity and trends, based on agreed indicators and the European on-farm inventory
✓ Establishing a knowledge base of case studies aiming to analyse genetic diversity and its trend in the field
✓ Monitoring relevant initiatives aiming at refining indicators of genetic diversity and trends
New Objective 4. Phase X
On-farm conservation and management of European PGRFA diversity is promoted

4.3 Good practices for on-farm management and conservation and adding value promoted
  ✓ Provision of knowledge and practices

4.4 Definition of European sites of on-farm cultivated plant diversity discussed and implemented
  ✓ Promoting agreement on criteria for definition of European sites containing unique landraces
  ✓ Identification of sites
  ✓ Promoting conservation management activities within sites
New Objective 4. Phase X
On-farm conservation and management of European PGRFA diversity is promoted

4.5 Obstacles to on-farm conservation and management analysed and solutions proposed

- Task forces to study, analyse and propose solutions to issues of regional interest
- Exercise lobbying to encourage implementation of solutions