

New breeding strategies for quinoa: Via studying the genetic variations and gains from the selection in crosses of different parental quinoa material, this project aims to preserve the genetic resources of quinoa and to develop strategies for improved breeding in **Peru**.



Improving South Asia's potatoes: This partnership aims to develop better potatoes for tropical and subtropical conditions. The organisations involved combine their experience and resources to breed and select potato varieties suitable for local markets in **South Asia**.



Varieties for diversity: This initiative, initiated by German plant breeders, provides anyone with access to protected premium plant varieties of German breeders, for the first time included in the MLS (multilateral system) of the ITPGR (International Treaty on Plant Genetic Resources).



Find out more about the types of voluntary benefit-sharing activities the seed sector is engaged in view specific projects at the ESA website:

www.euroseeds.eu/voluntary-benefit-sharing-activities-european-seed-industry

Voluntary Benefit-Sharing Activities of the Seed Industry



A Continuously Growing Inventory by European Seed Association



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What is voluntary benefit-sharing?

The basic objectives of biodiversity legislation are conservation and sustainable use of genetic resources and the sharing of benefits that arise from their use.

Benefit-sharing is a tool enabling the conservation and the sustainable use of genetic resources with crucial importance in achieving the goals of biodiversity legislation.

Benefit-sharing can be mandatory and voluntary. Mandatory benefit-sharing is usually based on contractual terms, whereas voluntary benefit-sharing activities are based on own initiatives of users of genetic resources.

Voluntary benefit-sharing can take different forms: it can be monetary providing direct financial support for conservation and use or it can be non-monetary (in-kind).

In-kind activities supporting the conservation and sustainable use of genetic resources happen in various forms and take place at national, regional or international level.

Type of voluntary benefit-sharing activities:

- ▶ Providing advice on conservation and sustainable use of PGRs
- ▶ Direct involvement in the management of collections
- ▶ Providing plant genetic resources to the MLS
- ▶ Direct financial support
- ▶ Dissemination of information (Awareness raising)
- ▶ Involvement in international cooperation
- ▶ Sustainable use of PGR and facilitated access
- ▶ Dissemination of technology (technology transfer)
- ▶ Capacity building

Project showcase

Wheat Improvement Strategic Project (WISP):

This project, based at the John Innes Centre (UK), is a collaboration between five UK research institutes. Scientists in this programme conduct wheat pre-breeding research, the results of which are made freely available to breeders.



Fair Planet: This non-profit organization is aimed at improving farmers' livelihoods in Ethiopia. Inter alia, this is done via facilitating access of smallholder farmers to seed of the highest-quality varieties suitable for their needs and training them to use these seeds with minimal changes to their traditional production practices.

