

# Welcome to ProSpecieRara



Schweizerische Stiftung  
für die kulturhistorische  
und genetische Vielfalt  
von Pflanzen und Tieren



# The European CSB network?



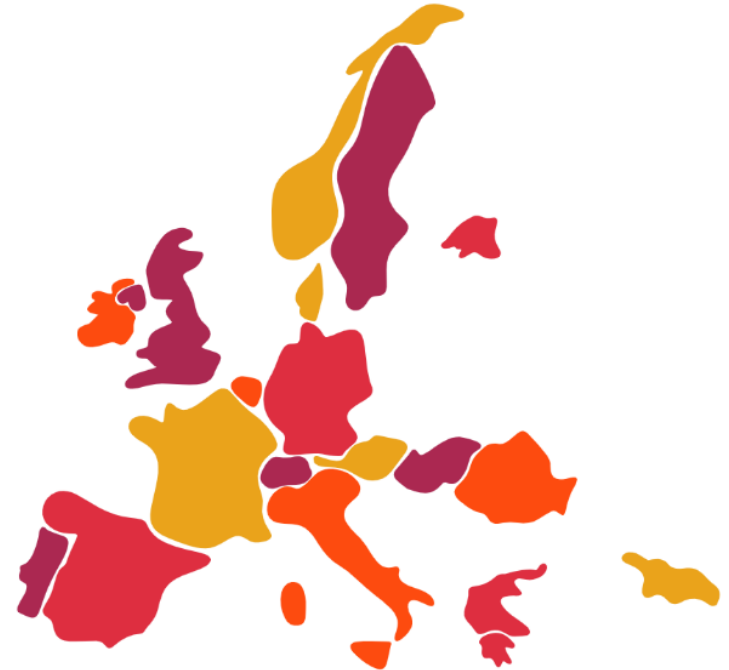
Let's Liberate Diversity! boasts a robust **network of 23 members**:

**170 national organisations**  
operating across **19 European**  
countries with a  
membership base exceeding  
**35,000 individuals**.

In collaboration with  
approximately **15,000 farmers**,  
our members engage in  
maintaining and managing  
around **40,000 plant varieties**.

See: <https://liberatediversity.org/the-network/>

The *European Coordination Let's Liberate Diversity!* (ECLLD) is an international nonprofit organization dedicated to the **dynamic management** of **plant genetic resources** for **food** and **agriculture**.





# Why we exist?



...EC-LLD exists to encourage, develop and promote the dynamic management of cultivated biodiversity on farms and in gardens.

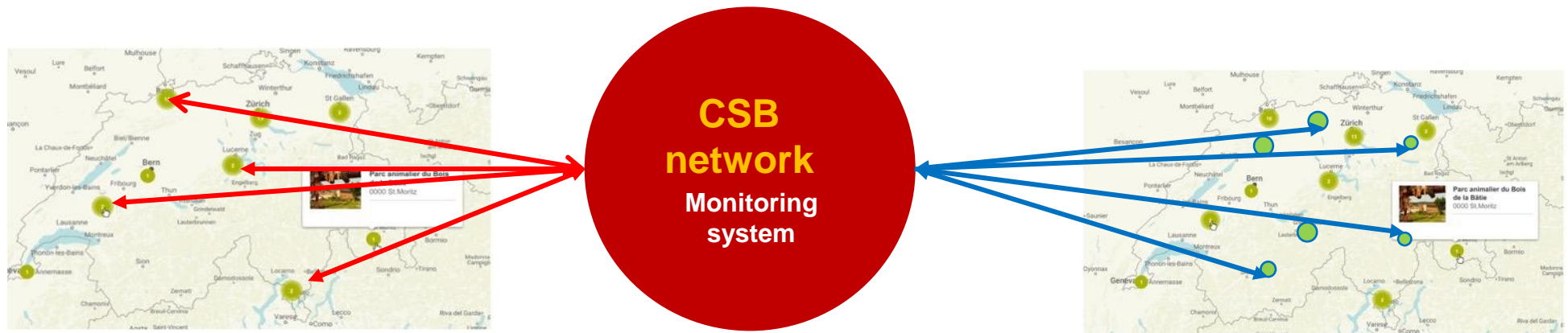


We are concerned that our food systems are too uniform and want to **bring diversity back into our food system!**

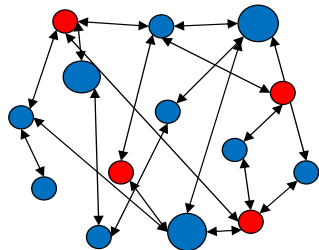
...We believe that the **diversification** of our **food systems** can be achieved through the **collaborative** efforts of various stakeholders involved in **cultivated biodiversity**.

# We are a network of seed savers

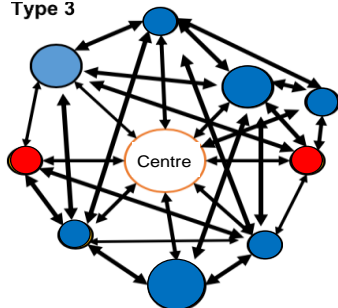
Establishing a national network of partners and pgr (CSB)



LR, obsolete varieties



Type 3



Reintroducing diversity needs many hands diversity of people

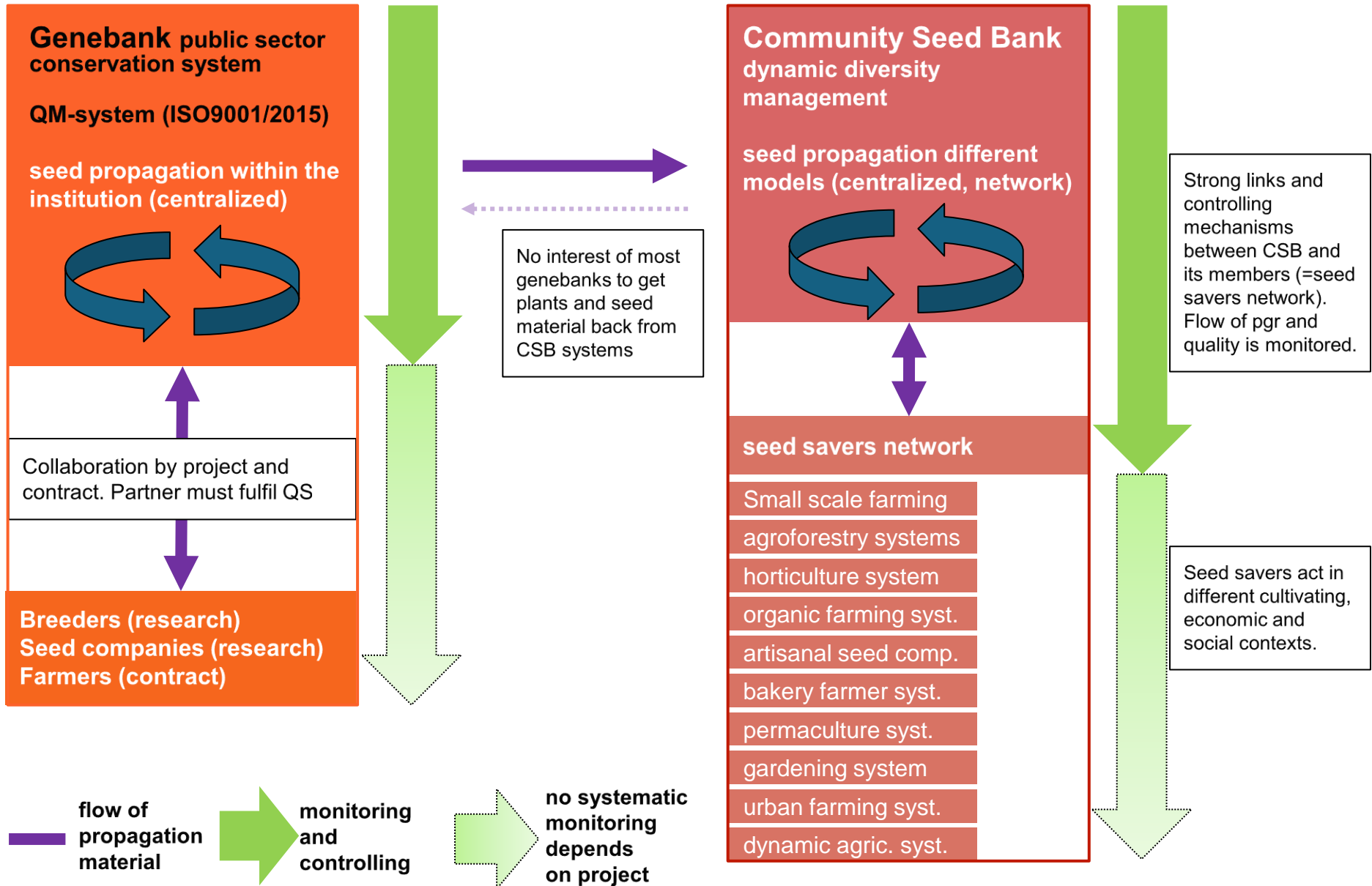
1,500 people receive plants for ProSpecieRara

...of whom 500 grow seeds and regularly send us seed samples for safekeeping in the seed library

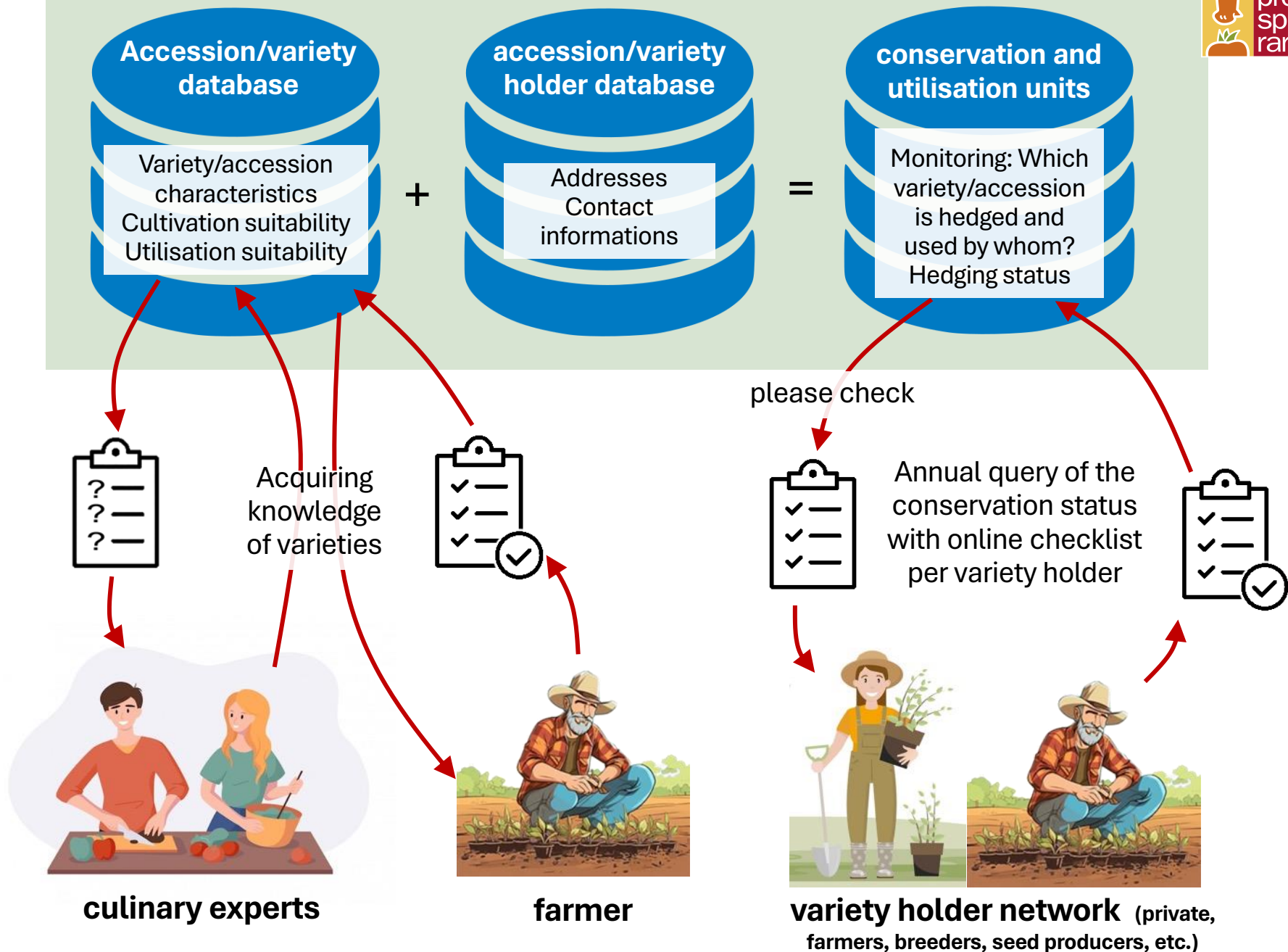
The annual checklist tells ProSpecieRara whether the varieties are still being preserved



# Complementarity of genebank - CSB-system

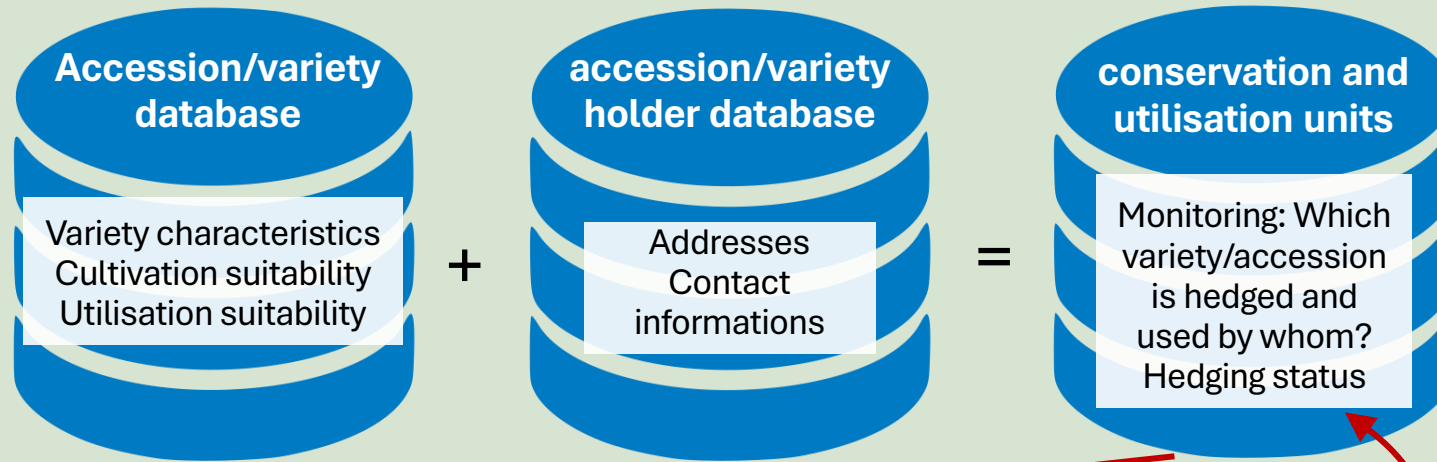


# ProSpecieRara pgr- management -Database





# ProSpecieRara-Database

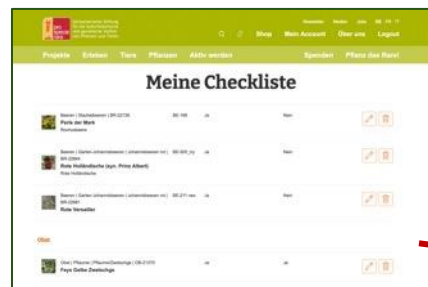


variety holders are asked by email at the beginning of the year to check their list



they log in to their accounts and check their lists

conservation units are transferred to website

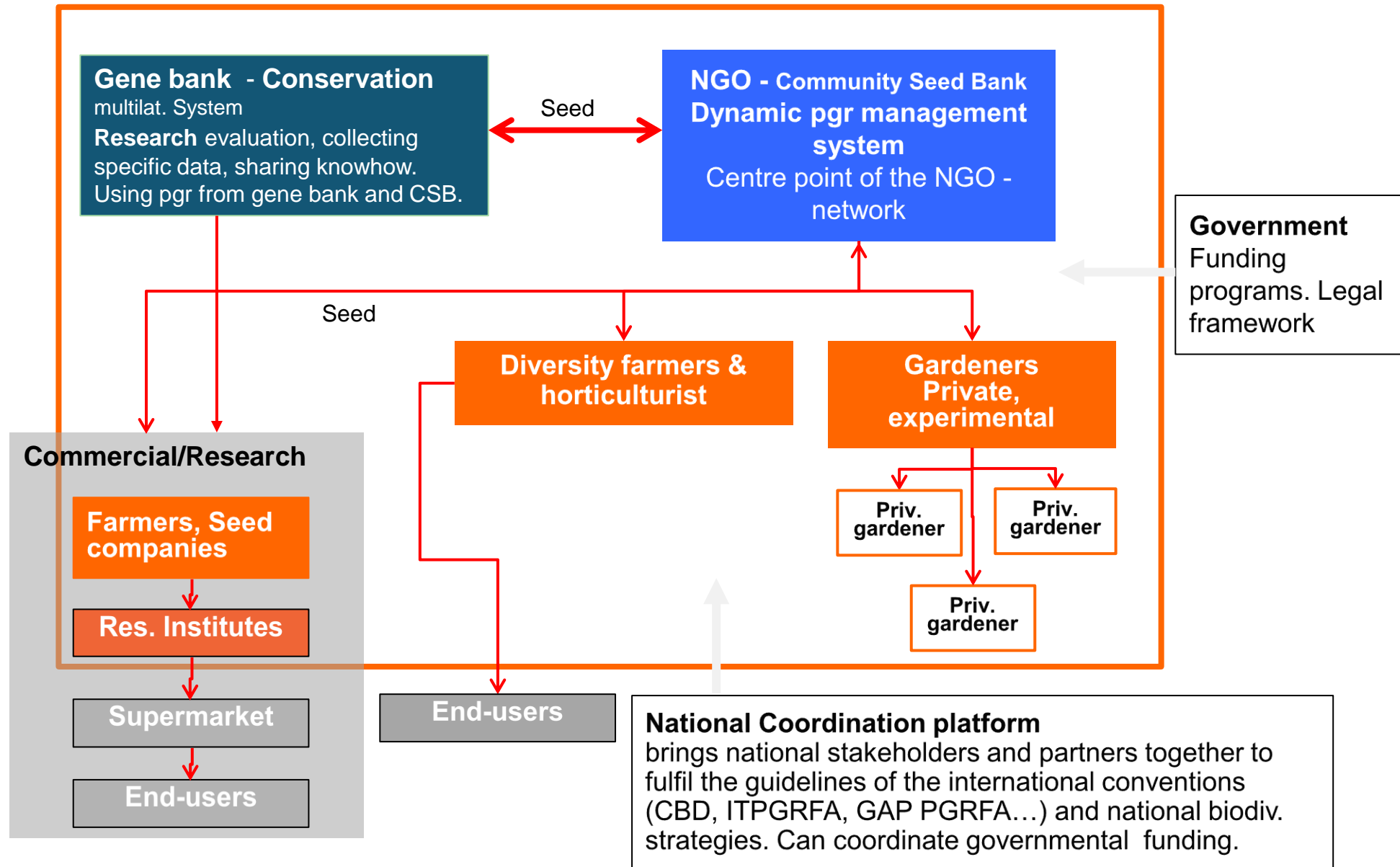


Mutations are checked and approved by ProSpecieRara experts



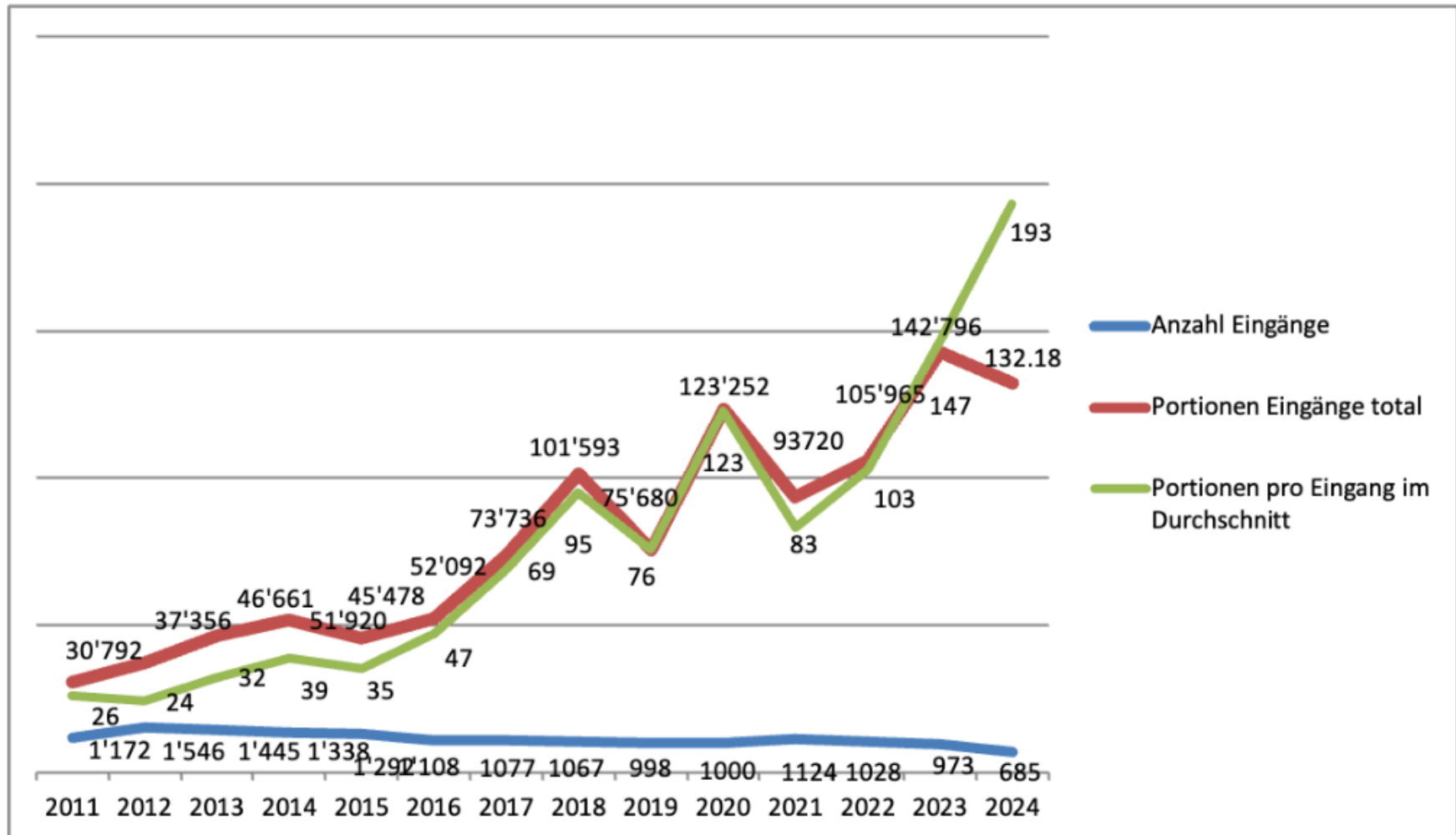
online mutations are sent back to the Filemaker database

# Describing actors of national seed management systems



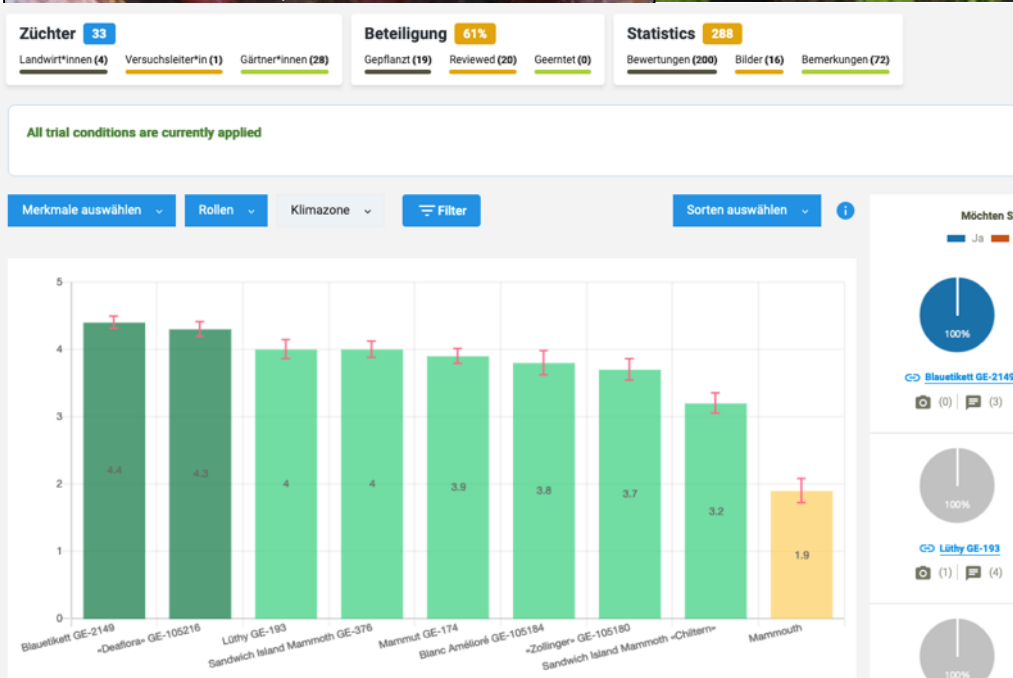


# Less entrees but higher quantities

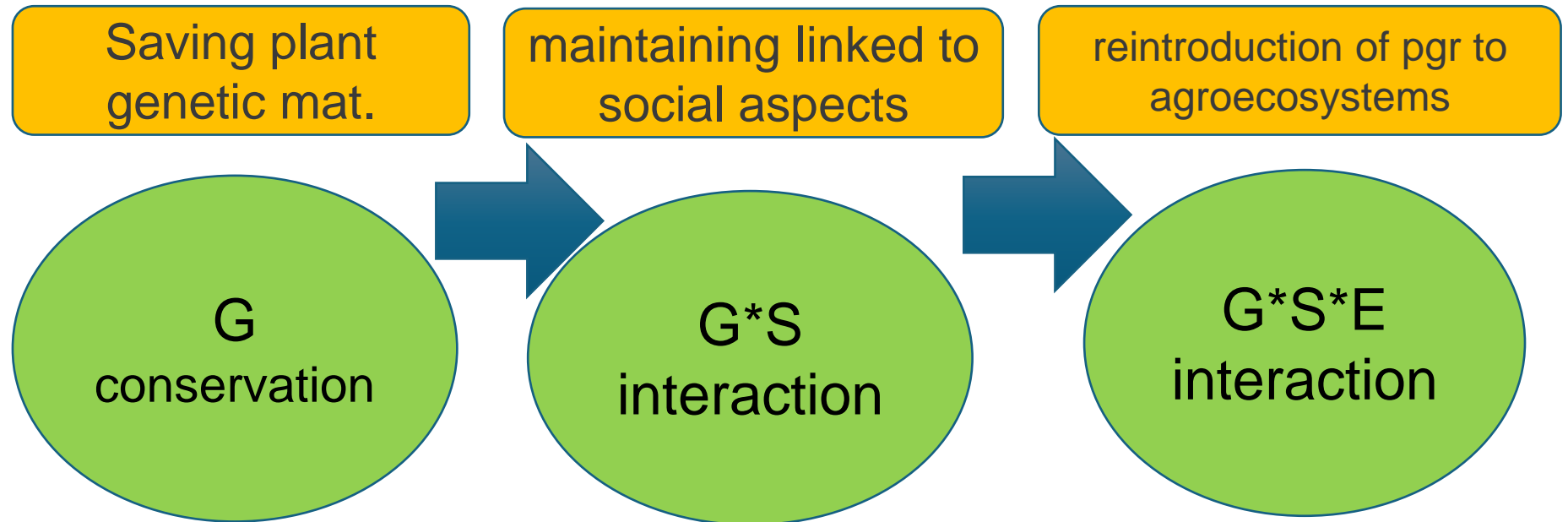


Relation der Saatguteingänge von Anzahl Eingänge (= Samenposten) zu den total eingegangenen Portionen (=Saatgutmengen); 2024 bestätigte sich der Trend der letzten Jahre besonders deutlich; es gab 30% weniger

# Exchanging experiences and creating new varieties



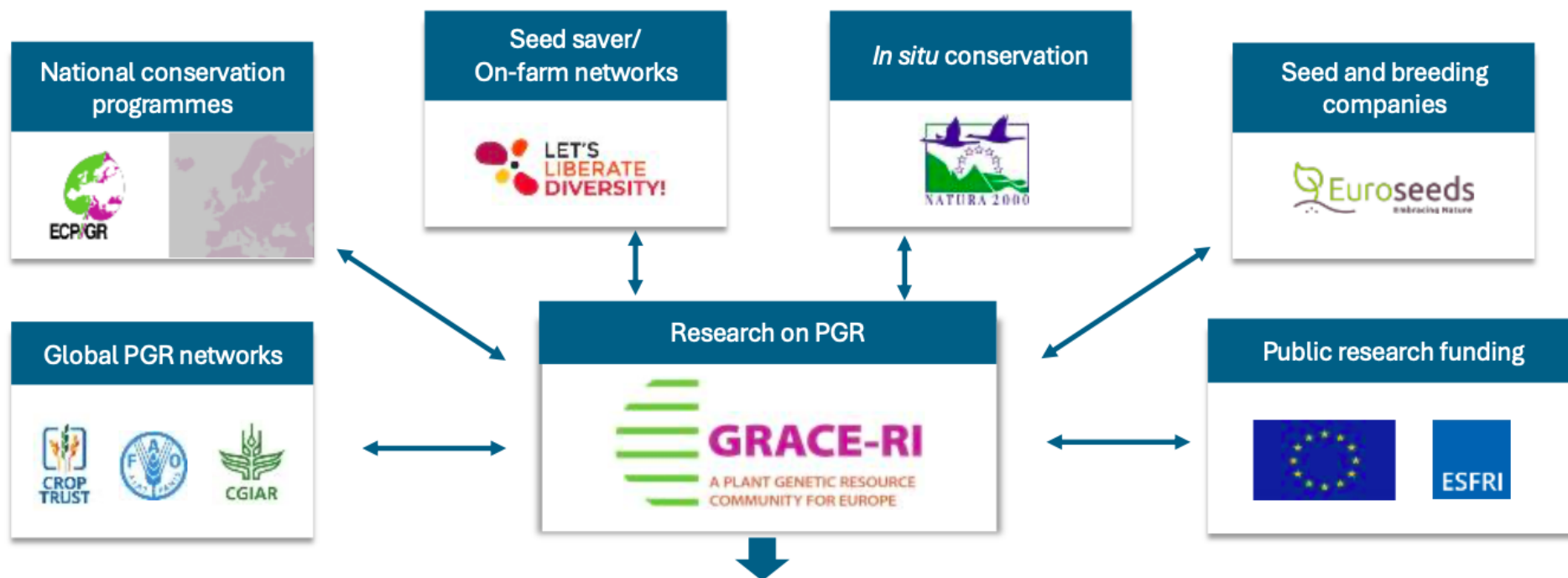
# From conservation to sustainable use to adaptation of pgr





# CSB – on farm networks become a partner

## GRACE-RI: Connecting existing initiatives



- Improving the conservation and documentation of PGR conserved *ex situ*, *in situ* and on-farm
- Improving access to PGR for breeding and research
- Improving biodiversity across Europe, in nature, in fields, on people's plates

Figure3. Illustration of the PGR landscape

A close-up photograph of several thin green stems with small white flowers and green buds against a clear blue sky. The text "Thanks for your attention" is overlaid in the center in an orange font.

Thanks for your attention

# Portfolio of ProSpecieRara



## Field crops, veg. and ornamental plants

**18 Vegetable gardens**

**Seed-library  
with 1'618 varieties u.a.:**

120 beans  
80 tomatoes  
90 potatoes

**Ornamental plants**  
815 varieties



## Fruits, berries and vine

### **155 Orchards**

With 1'905 varieties  
750 apples, 400 pears,  
450 cherries, 150 plums and  
12 olives

### **2 Vineyards**

with 95 vine-varieties each

### **74 Berrygardens**

400 berry-varieties



## Rare Breeds

**12 Animal farms and  
animal parks**

### **32 Rare breeds**

10 goats  
6 sheep  
4 cow  
1 horse  
1 bee  
1 dog  
5 poultry  
1 pig, 3 rabbits



# From the impact of the environment on trades of pgr to the impact of plant genetic diversity on the environment

reintroduction of pgr to agroecosystems

$G \times S \times E$   
interaction



Capra Grigia goats clear dominant species from extensive pastures



The 'Engadine sheep' peeling green alder trees to protect against natural hazards



All-terrain Rhaetian Grey cattle grazing in the mountains.



Extending the flowering period of wild roses with single-flowered, repeat-flowering cultivated roses. Wild rose on the left (*Rosa rubiginosa* L.), cultivated rose on the right (*Rosa* 'Golden Wings').

Examples from the PSR position paper on "The contribution of crop varieties and livestock breeds to biodiversity"