



Current status of (integrated) European genetic resources Strategy

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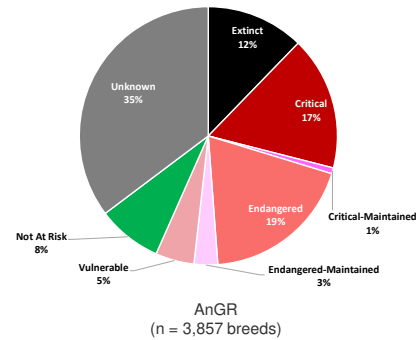
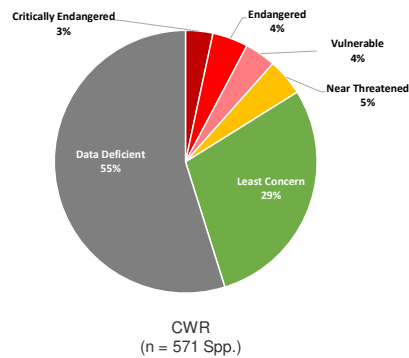
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Why does Europe need a strategy for genetic resources?

- Genetic resources are vital ecosystem services and the **foundations of the food, agriculture and forestry sectors**
- They are **highly threatened, inadequately conserved** and insufficiently diversity is available and accessible for use
- The lack of clarity on where genetic resources currently fit in the **policy landscape** is resulting in **insufficient focus on their management and effective integrated management**



European genetic resources strategy – Threat status of CWR and AnGR



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Opportunities for joining forces & Integrating genetic resources into the policy framework

- The three government-backed networks, ECPGR, EUFORGEN and ERFP share
 - Similar mandates, commitments and organization
 - The goal of securing genetic resources for use
- Significant opportunities for **inter-network collaboration** on
 - Policy implementation
 - Knowledge sharing, advocacy and communication
 - Information management
 - Identification and management of diversity hotspots
- Several global, **European and national policy and legislative instruments** are relevant to genetic resources conservation and sustainable use
 - Geographical scope: Europe








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European genetic resources strategy – Diversity of Actors/stakeholders

- Organizations and agencies involved in genetic resources management, research, use and policy implementation
- Specialists in policy, research, information management, farming, gene bank and protected area management, breeding, training, advice and capacity building, and product development and marketing
- Genetic resources cross the divide between governmental executive agencies for agriculture and for environment





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European genetic resources strategy - draft VISION, AIMS and OBJECTIVES

Vision – European genetic resources are maintained and accessible for use to sustain food, agriculture and forestry enhancement in Europe

Aim – Ensure genetic resources for food, agriculture and forestry conservation and use is maximised and integrated with broader European and Global biodiversity policy initiatives

Objectives –

- Strengthen actions maximizing long-term conservation and sustainable use of GR in Europe.
- Integrating genetic resources conservation and sustainable use into policy and legislation with a focus on agriculture, forestry, wider biodiversity, climate change and the environment.
- Provide a platform for and increase visibility of the diverse genetic resources conservation and sustainable use actions and stakeholder communities.
- Communicate and increase awareness of the fundamental importance of genetic resources as the foundations of food, agriculture and forestry in Europe and of human well being.





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European genetic resources strategy - draft structure

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Increasing and diversifying genetic resources utilization and improvement

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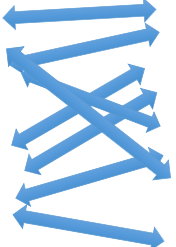
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2.1 Expanding and sustaining genetic resources conservation


In situ		PGR
On farm		
Crop wild relatives		AnGR
Ex situ		FGR

Complementary strategies !

2.2 Increasing and diversifying genetic resources utilization & improvement

Transition to sustainable food systems





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2.3 Intensifying genetic resources characterization

Genetic/genomic
Phenotypic
In particular non-mainstream breeds
Public-private partnerships

2.4 Improving genetic resources monitoring

SDG indicators 2.5.1 and 2.5.2
Databases
Risk assessment








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2.5 Advancing and coordinating documentation and information infrastructure

Development and maintenance of database infrastructure
Inter-operability of databases





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3.1 Establishing an appropriate policy and legal framework

Facilitate and coordinate implementation of Global Plans of Action
Coordination between EU policies/strategies (Biodiversity, F2F, CAP, etc.)
Specific instruments, e.g. seed and breeding legislation

3.2 Mobilizing funds for genetic resources conservation and sustainable use

CAP/EAFRD/State aid
Targeted finances (Green Deal framework)
Network support
AGRIGENRES



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3.3 Increasing institutional and human capacity, empowering the role and diversity of actors in conservation/use of genetic diversity


Knowledge center for Biodiversity (EU Biodiversity Strategy)
EU Reference Centre for Endangered breeds (EU breeding law)
Education and capacity building

3.4 Valorizing the diversity of genetic resources

Market and Non-Market
Ecosystem Services

3.5 Enhancing communications, and awareness and capacity building





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4.1 Strengthening international cooperation

Global and European
European Neighbourhood Policy

4.2 Joining forces between actors and domains

Agriculture, environment, forestry and food sectors
Agriculture and Natura 2000
Diversity hotspots
Formal and informal subsectors
Across domain – capturing interest of general public





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ERFP network involvement

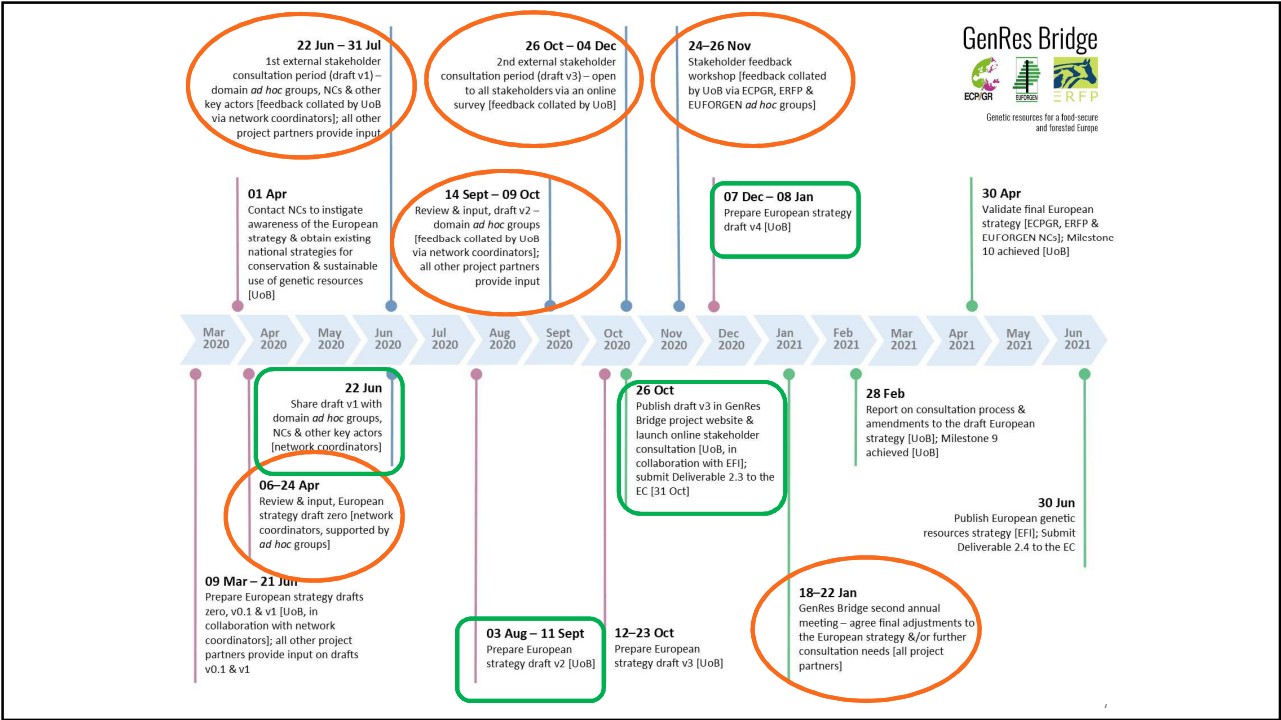
Next steps:


Feedback from all NC's needed –
your feedback on upcoming versions of **(integrated) European genetic resources strategy**
are extremely important

- Next version 2.0 expected 14th of September for review by the Ad hoc Action group + all National Coordinators
- November 2020 – Feed back workshop version 3.0

IN PARALLEL : Development of the European AnGR Strategy







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Thank you for your attention

