

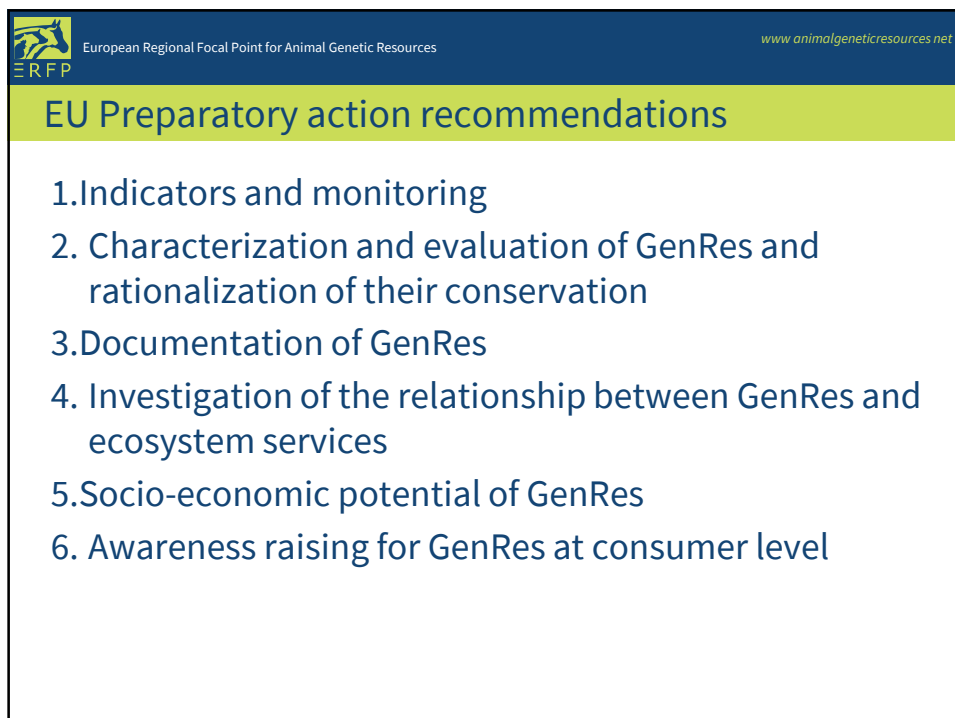
ERFP Ad hoc Action: Supporting the development of (animal) genetic resource strategy (GenRes Bridge)

Chair:
Danijela Bojkovski

ERFP
European Regional Focal Point
for Animal Genetic Resources

idele
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EU Preparatory action recommendations

1. Indicators and monitoring
2. Characterization and evaluation of GenRes and rationalization of their conservation
3. Documentation of GenRes
4. Investigation of the relationship between GenRes and ecosystem services
5. Socio-economic potential of GenRes
6. Awareness raising for GenRes at consumer level


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Why GenRes are important?

- Adaptive capacity
- Future options

Urgency to conserve genetic diversity?

- Unique diversity
- Rapidly disappearing (domesticated & wild)

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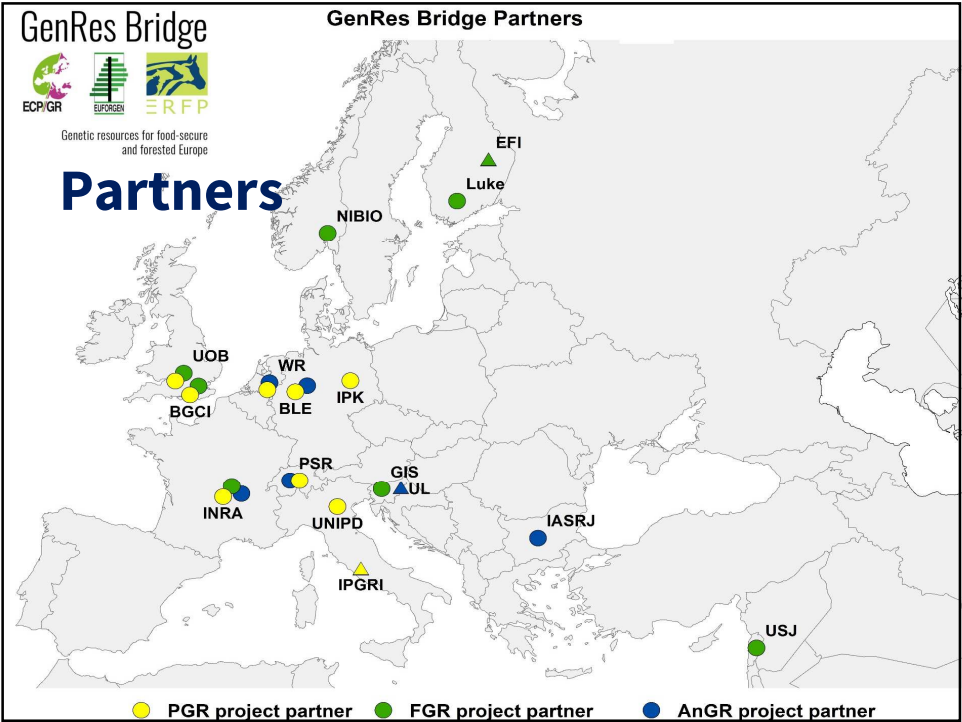
TOPIC : Genetic resources and pre-breeding communities

Topic identifier: SFS-28-2018-2019-2020	
Publication date: 27 October 2017	
Types of action: RIA Research and Innovation action	Deadline: 23 January 2019 17:00:00
DeadlineModel: two-stage	2nd stage Deadline: 04 September 2019 17:00:00
Opening date: 16 October 2018	
Types of action: CSA Coordination and support action	
DeadlineModel: single-stage	Deadline: 13 February 2018 17:00:00
Opening date: 31 October 2017	

Time Zone : (Brussels time)

A. [2018]: Joining forces for GenRes and biodiversity management (CSA)

Activities will provide a framework in which the existing mosaic of European, national/regional structures can join forces to develop and implement ambitious approaches and strategies for the management of crop, forest and animal GenRes. In addition to advancing individual roadmaps, inventories and information tools for crop, forest and animal GenRes, cooperation between the different communities shall foster GenRes conservation within a wider (agro) biodiversity context. Particular care shall be taken to building and widening capacities across Europe and neighbouring countries (including Mediterranean countries), exchanging best practices, harmonising standards as well as sharing resources and data.










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External Advisory Board

- **International Treaty on Plant Genetic Resources for Food and Agriculture**
- **FAO Silva Mediterranea**
- **FAO ITWG AnGR - Intergovernmental Technical Working Group on Animal Genetic Resources**
- **Global Crop Diversity Trust**
- **European Federation for Animal Science**
- **European Forum of Farm Animal Breeders (EFFAB)**
- **European Seed Association**
- **International Union for Conservation of Nature (IUCN) European Regional Office**
- **European Academies Science Advisory Council (EASAC)**
- **EEA & EC**






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GenRes Bridge main objectives

- ✓ **Increase the effectiveness of sustainable management for crop, forest and animal GenRes**
- ✓ **Strengthen capacities of each individual network** to increase the knowledge/perspectives on diversity and conservation of GenRes
 - ✓ **Enhance the conservation** status of GenRes (establishing high quality, harmonized standards for the conservation, management and description of GenRes across Europe and beyond)
 - ✓ **Improve the services** – for end-users of GenRes
- ✓ **Develop integrated conservation strategy for genetic resources (forest, animal and crop) in Europe (region)**

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Content of WP

- **WP1:** Project management
- **WP2:** European integrated GenRes strategy.
- **WP3:** GenRes in action - workshops and surveys to gather scientific knowledge and evidence base (demonstration cases) on management (i.e. conservation and use) of GenRes across the three domains and their interactions.
- **WP4:** Enhancing GenRes data delivery - will improve quality and quantity of information already stored in the central information systems (IS) of crop, forest and animal GenRes (EURISCO, PlantSearch, EUFGIS, EFABIS). Consider challenge of integrating the domains' central IS into a federation. Establishment of an open-access online journal in English language.
- **WP5:** Communication – +best transfer of GenRes Bridge results. Develop information for dissemination and awareness raising activities, engage stakeholders to provide ideas and inputs, transfer knowledge to support innovation.

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Why we need integrated strategy?

- **Action 10 - EU Biodiversity Strategy** – need for a strategy for the conservation of genetic diversity is mentioned
- **Mid-term review of the EU's Biodiversity Strategy** - general remark 4: “... calls on the Commission to develop a strategy for the conservation of genetic diversity.”

European genetic resources strategy will facilitate implementation of:

- FAO's Global Plans of Action for plant, animal and forest genetic resources
- UN Sustainable Development Goals
- Convention on Biological Diversity

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Location of the EU GenRes strategy in the Green Deal

Linkages to:

- **Biodiversity Strategy**
- **Farm to Fork Strategy**
- **Forest Strategy**
- **Climate Pact**

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Several workshops - input for the strategy


Sharing Perspectives Workshop:

- 74 people from 21 EU countries; 5 neighbouring countries
- to build bridges and share knowledge, experience, views and practices (November 2019)

The objectives of the workshop were:

- Sharing present strategies and programmes; analyse gaps, overlaps and synergies
- Generate and present an overview of existing policies and links between the three domains; policies regarding biodiversity
- Identification of main elements for developing the Strategy






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Several workshops - input for the strategy

- Innovative ways of sharing resources and services among genebanks and conservation sites: sharing experiences, learn from each others' domain, discuss what can work across domains (March 2020).
- Valorisation of genetic resources in agricultural and forest systems: how to evaluate and enhance the role of genetic resources in agro-ecology or evolution-oriented forestry (June 2020)



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Different activities - input for the strategy

Gathering of information from project partners:

- SWOT-Analysis for PGR, AnGR and FGR domains
- Revised by ERFP Ad hoc action + SC

→ Result: Report on existing strategies and approaches (Deliverable March 2020)

→ Conclusions from the Report were used for development of the 0-draft of the European genetic resources strategy



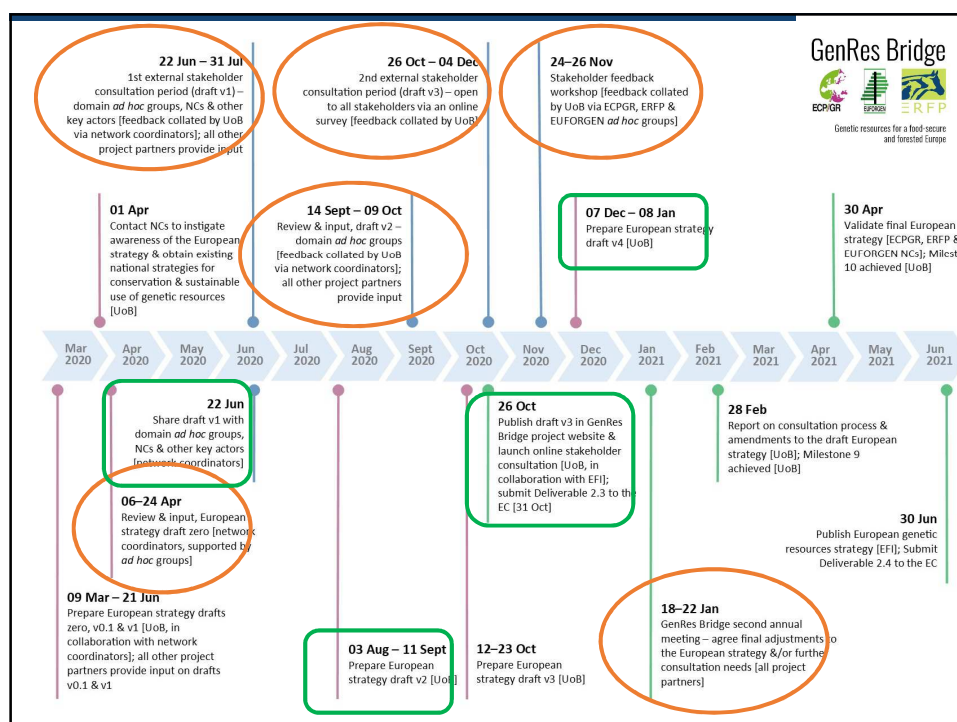
GenRes Bridge - Joining forces for genetic resources and biodiversity management

Project no. 817580
Start date of project: 1 January 2019
Duration of project: 36 months
Genetic resources and pre-breeding communities - SFIS 28-2018-2019-2020

D2.2 Report on existing strategies and sustainable use of genetic resources for food, agriculture and forestry

Due date of deliverable: 31.03.2020
Actual submission date: 31.03.2020
Organisation name of lead contractor for this deliverable: **Luke**
Classification level: **Confidential**

This contract has been awarded under the European Union Horizon 2020 research and innovation programme under grant agreement No 817580



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ERFP network involvement

The ERFP **Ad hoc Action** group:

- Revise and prepare feedback on version 0.1 and 1.0 of the (integrated) European genetic resources strategy
- Outline of version 1.0 was completely different – adapted/similar to the EU Green Deal Strategies outline

Next steps: Feedback from all NC's needed – your comments/suggestions are extremely important

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

IN PARALLEL : Development of the European AnGR Strategy





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Need for European AnGR Strategy

- GPA - global level
- European level – there is a gap
- Need for better coordination for implementation GPA at European level and national level
- EU countries – with implementation of European AnGR Strategy they will have a mechanism for promoting activities at national level

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Need for European AnGR Strategy

- European strategy for genetic resources will be more general and addressed plants, forest and animals, therefore there is a need to have more specific AnGR Strategy
- Roadmap for development– the process of development will go in parallel with development of integrated European genetic resources strategy, between today and June 2021
- Ad hoc action (WG Chairs + SC) has coordinating role; they are actively involved in the preparation, but we need input from NC

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Current status of European Strategy for AnGR

- Draft outline is prepared for your revision at today workshop
- Next version will be ready for Feedback workshop on the European Genetic Resources Strategy (24-26 November 2020)
- Proposed outline – was send to you by Secretariat, just main points will be introduced here



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Outline of the European Strategy for AnGR (1)

1.0 INTRODUCTION

- Purpose and objectives
- Scope and definitions
- Context
- Assessment of current situation
- Need for urgent action



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Outline of the European Strategy for AnGR (2)

2.0 CONSERVATION AND SUSTAINABLE USE OF AnGR

- 2.1 Characterization, documentation and monitoring of AnGR
- 2.2 Sustainable use, improvement and enhanced utilization of AnGR
- 2.3 Implementation of activities for conservation of AnGR



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Outline of the European Strategy for AnGR (3)

3.0 ENABLING THE TRANSITION: POLICIES, INSTITUTIONS AND CAPACITY BUILDING

- 3.1 Role of ERFP network and other stakeholders
- 3.2 Policy measures needed for implementing the strategy




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Outline of the European Strategy for AnGR (4)

4.0 PROMOTING THE GLOBAL TRANSITION

- 4.1. Collaboration and coordination between actors, institutions and GenRes domains
- 4.2. Action with neighbouring countries
- 4.3. Collaboration at transboundary and pan-European level to promote and support initiatives related to transboundary breeds



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Today workshop

- Breakout group discussions today
- You are all invited to join us in different groups

Each group will try to address following questions:

- Why is it important and urgent to develop a European (animal) genetic resources strategy?
- What are the key/priority issues (for each chapter) which should be addressed in the European AnGR strategy?
- Do you foresee any relevant issues that are missing from the outline?