

European Regional Focal Point for Animal Genetic Resources

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Task Force – ERFP Strategies

S. J. Hiemstra, TF Chair
Toledo, May 2023

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GenRes Bridge

Genetic resources for a food-secure and forested Europe



Genetic Resources Strategy for Europe

Complementary domain-specific strategies for plant, animal and forest genetic resources address more concrete aspects that are particular to each domain



PLANT GENETIC RESOURCES STRATEGY FOR EUROPE



ANIMAL GENETIC RESOURCES STRATEGY FOR EUROPE



FOREST GENETIC RESOURCES STRATEGY FOR EUROPE



GENETIC RESOURCES STRATEGY FOR EUROPE

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AnGRSE Follow-up

→ Action Plan

→ MYPOW ERFP



ANIMAL GENETIC RESOURCES STRATEGY FOR EUROPE



The Animal Genetic Resources Strategy for Europe

The *Animal Genetic Resources Strategy for Europe* was presented by Danijela Bojkovski, University of Ljubljana, Slovenia, on behalf of ERFP (the European Regional Focal Point for Animal Genetic Resources).



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Animal Genetic Resources Strategy for Europe

ANIMAL GENETIC RESOURCES STRATEGY FOR EUROPE

KEY

RECOMMENDATIONS

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AnGRSE – Action Plan

Key Recommendation → Actions

Action Plan - structure

• Chapter of AnGR Strategy

• Key Recommendation (KR)

• Action(s) (1 – 4 Actions / KR)

• Related Actions (other KR)

• Indicator(s)

• National or European level

• Responsible actors

A	B	C	D	E	F	G	H
Number	Recommendation of AnGR Strategy	Chapter of AnGR Strategy	Action	Related Actions	Indicator	Spatial dimension	Responsible actors
2.1.1.1	Improve the quality and frequency of updates of EFABIS through close collaboration between National Coordinators, breeding organisations and gene banks.	Monitoring / Characterisation	Regular updating and storage of breed related data in EFABIS/DAD-IS according to the FAIR principles		Annual updates of EFABIS and data completeness / EFABIS is fully compliant with FAIR principles	National/ European	National Coordinator/ ER WG Docu
2.1.2.1	Increase the proportion of inventoried and/or used data in EFABIS and/or DAD-IS using genomic and phenotypic data and/or other data (e.g. breeding records, etc.) and/or make characterisation data publicly available	Monitoring / Characterisation	Initiate scientific research and collaboration, that contributes to better characterization of genetic resources in Europe	2.1.2.2 & 2.1.5.1	Number of national/ EU funded research projects that include characterization of AnGR	National/ European	Governments/ National Coordinators/ Science/ EC
2.1.2.2	Increase the proportion of inventoried and/or used data in EFABIS and/or DAD-IS using genomic and phenotypic data and/or other data (e.g. breeding records, etc.) and/or make characterisation data publicly available	Monitoring / Characterisation	Promote genomic and phenotypic characterization, genetic evaluation, data exchange and facilitate stakeholder access	2.1.2.1 & 2.1.5.1	Validated methods and guidelines / Proportion of inventoried AnGR that are characterized and evaluated / Weblinks publicly accessible data	National/ European	EURC-EAB / Interbull/ Governments/ National Coordinators/ ERFP WG Docu/ Science

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Next steps: AnGR Strategy → Action Plan → MYPOW

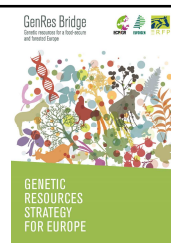
- Collecting feed back from Working Groups and National Coordinators
- Task Force meeting in June to finalize the Action Plan
- Drafting of MYPOW
- General Assembly Lyon (August)



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GRSE - Follow-up process at EU level

- **EU Council Working Party meeting of 20 June 2022** dedicated to GR Strategy for Europe
“DG Agri considered necessary that MS continue the work to better integrate GR into the existing strategies of the EU, in particular in environmental policies. It encourages the MS to continue their work with a view to inviting the Commission to develop this strategy.”
- **EU Council Working Party meeting of 8 May 2023** (Swedish Presidency)
 EU Member States were asked again to give their opinion on the need for development of a Strategy for GR, a policy and legal framework for GR, at EU level. And moreover, the need for establishing an EU Coordination and Information Centre for GR.
- No further initiative of **European Commission** yet on this matter
- Small group of ECPGR and ERFP representatives discussed how to inform/facilitate the political process towards an **EU GR Strategy** and establishment of **ECIC**. Group asked legal advice on possible legal framework for ECIC.



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Next steps: AnGR Strategy → Action Plan → MYPOW

- Collection of feed back from Working Groups and National Coordinators
- Task Force meeting in June to finalize the Action Plan
- Drafting of MYPOW
- General Assembly Lyon (end of August)



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Examples – Policy and legal framework

3.1.1.1	Review the main European and national policies and instruments, with direct or indirect impact on AnGR, to identify needs and improve the integration of conservation and sustainable use of AnGR into relevant national and regional policies and regulations.	Policy and legal framework	Review all relevant EU/national policies and legislation with impact on AnGR conservation and use, identify specific necessities, derogations or improved legislation	Review report of relevant legislation and policies, including recommendations for improvements	European/ National	ERFP/ EU/ National Coordinators / Governments
3.1.2.1	Facilitate the implementation of the EU Animal Breeding Regulation 2016/1012 for the development of effective breeding programs.	Policy and legal framework	Carry out the Work Programme of EURC-EAB and national actions	Advise, reports and output of EURC-EAB and national actions	EU /National	EURC-EAB/ EU/ Governments/
3.1.3.1	Promote the designation of the European Reference Centre (ERC) for AnGR as foreseen in Article 29 of the EU Animal Breeding Regulation 2016/1012.	Policy and legal framework	Support the EU Reference Centre for Endangered Animal Breeds	Number of collaborative actions between ERFP and EURC-EAB.	EU	ERFP/ Governments/ EURC-EAB
3.1.4.1	Support the establishment of the European Coordination and Information Centre (ECIC) for conservation and sustainable use of plant and animal (agricultural) genetic resources.	Policy and legal framework	Promote adoption of the Genetic Resources Strategy for Europe at EU level, including the establishment of ECIC	Official support from European Union institutions	EU	ERFP/ ECPGR/ Governments/ EU

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Examples – Actors, institutions, education

3.2.2.1	Promote collaboration between actors in further development and implementation of national strategies and action plans.	Actors, stakeholders and institutions	Review the roles of actors and promote collaboration, synergies and coordination between actors		Report on existing collaboration and potential synergies between actors at national level	National	National Coordinators
3.2.3.1	Strengthen the role of the National Coordinators, National Focal Points and the ERFP network in developing and promoting the conservation and sustainable use of AnGR in Europe.	Actors, stakeholders and institutions	Develop organisational changes and structures that will enable the work of NCs and NFPPs		Analysis of organisational structures and assessment of needs of NCs	European/ National	ERFP/ Governments
3.3.1.1	Develop a communication strategy at European level and national level, raising awareness about the role and values of AnGR in society at large and among a wide range of stakeholders.	Education and awareness raising	Regular review of existing communication approaches and develop communication strategy for different target groups		Communication strategy	European/ National	ERFP/ National Coordinators
3.3.2.1	Strengthen education on AnGR at various levels.	Education and awareness raising	Identify stakeholders in education domain, analyse their roles, and develop promotional and training material related to the conservation and sustainable use of AnGR when possible in collaboration with other genetic resources domains	3.3.2.2	Recommendations for strengthening human capacity development by stakeholder group and awareness raising / Promotional and training materials / Number of events	National/ European	National Coordinators/ ERFP / Governments / Education / Science

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Examples - Funding

3.4.1.1	Explore opportunities for establishing fund-raising mechanisms and integrated investment plans to secure adequate and permanent EU cofunding instruments for the conservation and sustainable use of AnGR.	Long term funding	Identify and review the existing financial mechanisms and resources to provide appropriate and long-term support for European and national animal genetic resources conservation and sustainable use		Review report on existing and potential financial mechanisms / Proposal for long term (EU) (co) funding of actions	National/ European	Governments/ National coordinators/ ERFP/ EU
3.4.2.1	Ensure long-term, targeted funding of actors, institutions, stakeholders and their networks for European and national activities related to the conservation and sustainable use of AnGR.	Long term funding	Propose financing mechanisms and long term funding options for ERFP (and other European networks)		Proposal / potential financing mechanisms	European	ERFP/ Governments/ EU

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