


## EU projects in link with GR



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ERFP Secretariat  
2023 General Assembly





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European Regional Focal Point for Animal Genetic Resources

[www.animalgeneticresources.net](http://www.animalgeneticresources.net)



Project ended  
summer 2023

- WP4 – Genomic characterisation of hardy or under-utilised breeds and their environmental adaptation


Dedicated sampling (**France, Greece, Hungary, Uruguay**)  
=> large database of genetic diversity of small ruminants  
464 new goats  
3,167 new sheep  
<https://smarter-backend.readthedocs.io/en/latest/index.html>


Data Analyses

- Global analyses: genetic history of breeds
- Local analyses: to understand between breed genetic adaptations
- Transboundary breeds: characterize flexibility and robustness

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**PRIMA  
SCALA-MEDI**

*Improving sustainability and quality of Sheep and Chicken production by leveraging the Adaptation potential of Local breeds in the MEDiterranean area*

**Objectives related to ERFP work**


- Development of a network of existing genebanks in the Southern Mediterranean region and cooperation with the European genebank network.
- Establishment of selective breeding programmes to improve the sustainability and resilience of local farming systems, compatible with the preservation of diversity, and adaptation to harsh and changing environments.
- Definition of the specific features and benefits of local sheep and chicken to develop approaches for in vivo conservation of local genetic resources.
- Development of strategies to add value to products from local genetic resources and promote their use.


**ERFP is member of the advisory board**

Started fall 2021

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**Objectives related to ERFP work**

Maintaining genetic diversity, in particular to take better account of the diversity of different breeds in genomic selection, especially small breeds and regional breeds.

EAAP session 3

“Impact of genomic selection on genetic diversity in five European local cattle breeds” – Winding et al.

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Started june 2021

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Cf. previous talk

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**Cryostore** EU Innovative Training Network (ITN)

=> Information by Sipke Hiemstra

**ERFP is a Partner Organisation**

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