

ERFP – Joint WG meeting
Other actions of the EURC EAB

Coralie Danchin
ERFP

2024 Joint WG meeting

Regional meetings!
24th - 26th April 2024
Nicosia, Cyprus

ERFP
European Regional Focal Point
for Animal Genetic Resources

INSTITUT DE L'ÉLEVAGE **idele**

EUROPEAN REFERENCE CENTRE FOR
ENDANGERED ANIMAL BREEDS

1

European Regional Focal Point for Animal Genetic Resources
www.animalgeneticresources.net

Effective population size

EUROPEAN REFERENCE CENTRE FOR
ENDANGERED ANIMAL BREEDS

- Paper « The significance of Effective Population Size (N_e) for monitoring genetic variability in breeding programs”
- Draft to be finalized


⇒ What action plan to implement this indicator at breeding organization level ?

⇒ Discussion with the ERFP **In situ** WG (Wednesday morning)

⇒ Input from the ERFP **Doc Info** WG ?

ERFP Secretariat

2

 European Regional Focal Point for Animal Genetic Resources www.animalgeneticresources.net

Assessment of genetic variability


Based on the information and views of the breeding organisations responsible for the breeding programmes of endangered breeds

Information based on the EURC EAB survey

⇒ Review of the indicators used to assess the breeds' genetic variability (within-breed genetic diversity). To be done – Stéphanie Minery, IDELE

⇒ Suggestions from the ERFP **In situ** WG (Wednesday morning)

Expected output: EURC guidelines and indicators to assess genetic health of endangered breeds.



ERFP Secretariat

3

 European Regional Focal Point for Animal Genetic Resources www.animalgeneticresources.net

Harmonisation and standardisation of breed risk status indicators

Objectives: Harmonise and standardise criteria for assessing the breed risk status and for determining the list of endangered breeds at national level.


Background for study = EURC EAB survey

A dozen countries with **specific indicators** (other than FAO)

Led by IDELE + BLE

⇒ Framework to be drafted


- in link with the ERFP **Doc & Info** WG (virtual meeting ?)
- Suggestions from the ERFP **In situ** WG (Wednesday morning)





ERFP Secretariat

4



 European Regional Focal Point for Animal Genetic Resources
 www.animalgeneticresources.net

Breed connectedness indicators

How to use connectedness criteria and indicators to assess the genetic links between different breeds ?

- Local or transboundary classification
- Definition of native/locally adapted /exotic breeds
- Exchange between EU recognized breeding programmes

=> Joint meeting **In situ/Doc and Information** this afternoon



ERFP Secretariat

5


 European Regional Focal Point for Animal Genetic Resources
 www.animalgeneticresources.net


EUROPEAN REFERENCE CENTRE FOR ENDANGERED ANIMAL BREEDS

Activities - Ex situ conservation of endangered breeds as a complementary tool for in situ conservation

- Complementary ex situ conservation strategies for breeding program support and long term conservation of endangered breeds
- Provide best practices and guidelines => **joint In situ / Ex situ Wednesday**
- Emerging issues on EU Animal Breeding and EU Animal Health legislation => **ERFP AHA, ex situ WG**



WAGENINGEN
UNIVERSITY & RESEARCH



MEDITERRANEA
UNIVERSITÀ DI BARI





Federal Office
for Agriculture and Food

6