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Public Service Tasks of Gene Bank in Animal Husbandry

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*Annual Meeting of the European SAIVE Network and the 10th European Agrobiodiversity Seminar
Metlika, Regional Park, Slovenia, 15-17 September 2016*



Public Service Tasks of Gene Bank in Animal Husbandry

SAVH Meeting 2016, Metlika, 15-17 September 2016



Public Service Tasks of Gene Bank in Animal Husbandry: (National programme for livestock biodiversity conservation 2010-2016, MKGP RS)

Main tasks:

- monitoring of AnGR;
- *in situ* & *ex situ* conservation;
- fulfillment of international obligations;
- education and training, promotion and public awareness

In progress: Adoption of the new Program for period 2017-2023

- implementation of modern conservation approaches;
- genetic characterisation of autochthonous breeds
- novel methods for pedigree and breed structure identification
- maintaining genetic variability in genomic selection schemes



Slovenian autochthonous breeds



Lipizzan horse



Slovenian cold-blooded



Posavje horse



Cika cattle



Krškopolje pig



Bela krajina pramenka



Bovec sheep



Jezersko-Soičava s.



Istrian pramenka



Drežnica goat



Styrian hen



Karst shepherd



Carniolan honey bee

+ 2 traditional horse breeds

+ 2 traditional cattle breeds

+ 3 traditional pig breeds

+ 4 traditional chicken breeds



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Conservation and sustainable use

- good practices
- promotion
- education





Regional network - collaboration with „SAVE“:

Development of the approach „conservation by use of breed“

- promotion of local products
- niche markets for speciality products
- transboundary breeds
- assessment of the potential of genetic diversity present in genetic collections, by genomics and data integration ...



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Foto: Vira Rezar

Thank you for your attention