

ERFP Country report 2010 – 2011

COUNTRY: Slovenia

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Strategic Priority Area 1:

Characterization, Inventory and Monitoring of Trends and Associated Risks

Characterization, inventory and monitoring of trends in Slovenia are comprehend with running the “Register of breeds with zootechnical assessment”. Register included the following information about each breed by species:

- basic data (population size, location, risk status, phenotypic characteristics, geographical distribution within the country);
- in situ and ex situ conservation (number of pure breed animals);
- whereas data about breed is included in international database;
- breeding program (breeding goal, herd book, production characteristics, biological characteristics, breeding value),
- assessing genetic value of the breed;
- zootechnical assessment and actions (short-term and long-term actions).

The data from the register were used to monitor trends in population numbers and therefore to took all necessary steps for determine conservation activities. Once per year risk status of the breed was assessed. For each breed report was completed regarding breeding environment and assessment, number of animals, short introduction about breed status, breeding and selection methods and their application.

Number of registered breeds were 11 breeds of cattle, 11 breeds of horses, 7 breeds of pigs, 6 breeds of sheep, 4 breeds of goat, 7 breeds of chicken, one honey bee and two breed of rabbit.

Strategic Priority Area 2:

Sustainable Use and Development

We studied breeding technology at the Jezersko-solčava breed and Improved Jezersko-Solčava . The result of the analysis shown that breeders prefer a sheep with one lamb. They use a technology of breeding with perennial mating. This method of breeding allows the offer of lamb all year round.

We have done a vaccination of breeding bulls of Slovenian autochthonous breed Cika cattle which are used in the natural mating.

Overall in last five years shows a downward trend in the number of the extreme western part of Slovenia and the increase in central and eastern parts of Slovenia.

Strategic Priority Area 3:

Conservation

(please give details for the most relevant institutions for national genebanks / cryopreservation in the table in Annex 1)

A genetic reserve for the bulls has to be stored according to the national law. Total zootechnical assessment was done for all breeds of cattle and selection of bulls for which semen was stored. For every breed of cattle number of preserved semen was defined. Semen is by the contract stored in the IA centre in is under the control of Public service for Animal Genetic resources.

We collected semen from six rams and three billy goats and zootechnical assesment was done. Semen was frozen on Veterinary Faculty.

In 2010, breeders who bred Bela Krajina Pramenka, Istrian pramenka, Drežnica goat, Cika cattle and Krškopolje pig received de minimis aid. Breeders sign the contract with clear obligations under which they were entitled to the support for autochthonous breed. The support was given to the breed according to the level of threat which taken from the Register.

Strategic Priority Area 4: Policies, Institutions and Capacity-building

Slovenia took an active part in cooperation with the following international organizations: FAO, ERFP, EAAP, DAGENE, SAVE regarding exchange of information's, seminars, and technical conferences and other.

We attended many meetings, conferences, symposium and workshops . Some of them are presented below:

- an international seminar on the topic of breeds at Risk: Criteria and Classification in London from 16-17. February 2010.
- regular meeting of the organization SAVE where the theme of this meeting and the seminar was "agricultural biodiversity as an important part of biodiversity".
- regular meeting of the EAAP (August 2010) in Greece. In the context of this meeting was also held 16th Regular workshops ERFP (The European Regional Focal Pont for Animal Genetic Resources), where Slovenia presented topics "Proper Way of Livestock SUPPORTS for endangered breeds".
- DAGENE meeting in Romania (April, 2010). The base themes was "Biodiversity is life – Agrobiodiversity is our life". We presented two seminars (Rearing technology of autochthonous Cika cattle on the farms in Slovenia and Supports for Endangered Livestock Breeds).

Various projects with autochthonus breeds are in progress in 2010 (ERFP project called »Study of origin and conservation strategy of the Pramenka sheep breeds as regional transboundary breeds«, ERFP project called Establishment of an ERFP Working Group to support AnGR Cryopreservation Initiatives), Management of traditional tranboundary breeds on the example of a nearly forgotten breed, the Murinsulaner. We attended workshop in Palermo (The importance of the FABISNet PEDs module in a world of changing climate conditions)

Different data and information about the work on AnGR are add to the web site. Web site was regulary updated.

Education and training in the field of conservation of farm animal genetic resources is performed at the agricultural secondary schools, institutions of higher education, colleges, undergraduate or postgraduate studies at the departments of the Biotechnical Faculty - either as a special course or directly as a part of other subjects within the zootechnical curriculum.

In order to promote awareness and early warning of the public, yearly data on significance and the state of conservation farm animal genetic resources was published on the web site, in the ERFP Newsletter, various articles published in the different media, seminar on Biodiversity in Slovenian agriculture in 2009, European biodiversity day.

Annex 1: List of relevant national institutions for national Genebanks / Cryopreservation Experts

institution, address, e-mail, homepage, phone / fax	contact person / expert incl. e-mail	animal species	type of genetic material	remarks
University of Ljubljana, Veterinary Faculty, Gerbičeva 60, 1000 Ljubljana E: tajnistvo@vf.uni-lj.si ; dekanat@vf.uni-lj.si http://www.vf.uni-lj.si/vf/ Tel: +386 1 47 79 100 F: +386 1 283 22 43	dr. Primož Klinc primoz.klinc(at)vf.uni-lj.si ,	sheep, goat	semen	
Kmetijsko gozdarska zbornica Slovenije, Kmetijsko gozdarski zavod Ljubljana Celovška cesta 135, 1000 Ljubljana E: tajnistvo@lj.kgzs.si http://lj.kgzs.si/ Tel: +386 1 513 07 00 F: + 386 1 513 07 41	Jože Benec joze.benec@lj.kgzs.si	cattle	semen	
Kmetijsko gozdarska zbornica, Kmetijsko gozdarski zavod Ptuj Ormoška cesta 28 , 2250 Ptuj E: tajnistvo@kgz-ptuj.si http://www.kgz-ptuj.si/ Tel: +386 2 749-36-10 F: +386 2 749-36-20	Slavko JANŽEKOVIČ slavko.janzekovic@kgz-ptuj.si	cattle	semen	
