

## ERFP Country report 2010 – 2011

**COUNTRY:** POLAND

reported by: **ELŻBIETA MARTYNIUK, NATIONAL COORDINATOR**

in cooperation with AnGR Conservation Unit and Species Coordinators

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### Strategic Priority Area 1:

#### Characterization, Inventory and Monitoring of Trends and Associated Risks

##### Actions undertaken during the past year

All populations of farm animals included in the conservation programme are monitored on routine basis and this process was continued in 2010 and in 2011. This is the task of Species Coordinators who provide reports on the status of breeds under their responsibility to the respective Working Groups.

A substantial increase in population size in majority of breeds included in conservation programme has been observed in the last year;

Collection of data to update Polish EFABIS database;

Two BSc projects have been initiated in 2010 to analyse composition of the Sztumski and Sokolski cold blooded horse populations under the conservation programmes;

The molecular characterisation of those two horse breeds has been carried out.

##### Actions planned for the next year

Ongoing monitoring and performance recording of breeds under conservation programmes;

Studies to characterise native breeds under conservation will continue.

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### Strategic Priority Area 2:

#### Sustainable Use and Development

##### Actions undertaken during the past year

Participation in the selection of best mares and stallions during:

- XI National Championship of young Hutsul horses, (SO Klikowa 4-5 June 2011)
- V Regional Championship of Malopolski horses (SO Klikowa 18-19 June 2011)

Participation in competition of Sztumski and Sokolski mares during:

- VII Competition of sport lodging for draft horses (Wejherowo, 7 May 2011)
- XVIII Regional Animal Show (Szepietowo 25-26 June 2011)

Participation in the annual conference of the FECTU (Federation European Cheval de Trait) addressing utilization of local horse breeds, Sweden, 15-17 April 2011;

Performance evaluation results for three native pig breeds included in the conservation programmes have been published and widely distributed in hard copies;

Further implementation of the PhD project to control inbreeding level in a small population of Olkuska sheep;

21<sup>st</sup> April 2011

Evaluation of project proposals submitted by local communities to the Rural Development Foundation following call for action: "Biodiversity an opportunity for rural development".

#### Actions planned for the next year

Continuation of efforts to develop specific, unique products from native breeds;

Strengthening cooperation with breeders' societies and the NGOs to promote multipurpose utilization of native breeds;

Close collaboration with the Foundation "For old breeds and varieties" in networking breeders keeping native breeds.

### **Strategic Priority Area 3:**

#### **Conservation**

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

#### Actions undertaken during the past year

Routine reporting on implementation of the breed conservation programmes prepared by Species Coordinators for consideration and evaluation of relevant Working Groups;

Each Working Group had at last two meetings with the aim to approve applications of breeders to join the conservation programme, to review and update, if necessary, conservation programme/s, and to discuss their further implementation;

The revised conservation programmes for the Polish Red, Polish Red and White, Polish Black and White and Whitebacked cattle have been adopted by the Scientific Council of the Institute;

Inspection of selected private farms participating in the conservation programme was undertaken (cattle – 12 herds; sheep – 6 flocks, fur animals – 9 farms; horses – 3 studs and pigs – 2 herds);

Development of updated procedures to apply for participation in conservation programme for cattle, horse, pig and sheep breeders;

Development of updated forms/documents to register animals participating in the conservation programmes for cattle, horse, pig and sheep breeds;

Organisation of seminars for breeders and other stakeholders participating in the implementation of conservation programmes of (horse breeders: 1; sheep breeders: 2)

1. Wielkopolski horse breeders, Pawłowice, 15-16 September 2010;
2. Olkuska sheep breeders, Imbramowice, 21 September 2010;
3. Pomeranian sheep breeders, 17 November 2010;
4. Symposium on implementation of horse and sheep genetic resources conservation programmes for representatives of breeders associations, Balice, 12 April 2011;
5. Symposium on implementation of cattle and pig genetic resources conservation programmes for representatives of breeders associations, 15-17 April 2011, Pawłowice;
6. Training for extension services on implementation of agri-environmental programmes, Poznań, 19 April 2011;

21<sup>st</sup> April 2011

Initiation of work to establish the National Ex-situ Gene Bank for Animal Genetic Resources in the National Research Institute of Animal Production in Balice within the Multi Year Work Programme of the Institute for 2011-2015;

Storage of semen of Polish Red, Polish Red and White, Polish Black and White and Whitebacked bulls;

Collection of semen from 3 Polish Red bulls (600 doses) and 2 Polish Red and White bulls (400 doses);

#### Actions planned for the next year

Continuation of ongoing conservation efforts;

Coordination and assesment of implementation of the conservation programmes;

Re-visiting conservation programmes for some breeds;

Further development of the National Ex-situ Genebank for Animal Genetic Resources.

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

#### Actions undertaken during the past year

##### **Policy issues**

Initiation of a preparatory process to develop a National Strategy and Action Plan within the Multi Year Programme of Work of the National Research Institute of Animal Production. The first meeting of the Advisory Board devoted to this issue is planned for 6<sup>th</sup> September, 2011;

Continuous cooperation with the Ministry of Agriculture and Rural Development in implementation of the Package 7 within the Rural Development Programme 2007-2013, under Agri-environmental Programme;

Development and implementation of a new regime for estimation of number of animals participating in the conservation programme;

National Coordinator represented Ministry of Environment during a number of meetings of the Working Party on International Environment Issues (WPIEI-Biodiversity) in Brussels;

National Coordinator represented Ministry of Environment during first session of the Intergovernmental Committee on Nagoya Protocol under the Convention on Biological Diversity (Montreal, 5-9 June 2011);

National Coordinator co-organized preparatory Expert meeting before CGRFA 13 (Warsaw 21-22 June 2011), and participated in the meeting of the Working Party on FAO coordination in Brussels;

National Coordinator represented Ministry of Agriculture and Rural Development during two meetings in FAO: 6<sup>th</sup> session of the Intergovernmental Technical Working Group on Animal Genetic Resources (24-26 November 2010 and 13 session of the Commission on Genetic Resources for Food and Agriculture (18-22 July 2011);

National Coordinator has been very much involved in work related to the Polish presidency in the EU in the area of agro-biodiversity, access and benefit sharing (CBD) and AnGR (FAO).

##### **Science and education**

Participation in numerous scientific conferences, providing presentations:

21<sup>st</sup> April 2011

- Conference: Farm Animal Genetic Resources and their conservation options. Paper: Horse conservation programmes within the framework of Farm Animal Genetic Resources management, Baisogala, 16-17 September 2010;
- FAO Regional workshop for National Coordinator for Management of Animal Genetic Resources and their alternates “Development of National Action Plans for Sustainable Management of Animal Genetic Resources” Kiev, Ukraine, 27-30 September 2010; Presentation: „Country Report of Poland”;
- I meeting of the Scientific Committee of the Horse Heritage Foundation, Presentation: Horse Genetic Resources Conservation Programme, Geneva, 5 November 2010;
- EFABISNet project final conference”, Palermo, Italy, 1- 2 December 2010. Invited paper: “Eastern Europe and EFABISNet”;
- International Technical Expert Workshop “Exploring the need for specific measures for access and benefit-sharing of animal genetic resources for food and agriculture” Wageningen, The Netherlands, 7-10 December 2010. Invited paper: “Sense and nonsense of a fully developed binding treaty on AnGR (from an ABS perspective). A cost-benefit analysis”;
- Multi-Stakeholder Expert Dialogue on Access and Benefit-Sharing for Genetic Resources for Food and Agriculture Second workshop 31 March – 1 April 2011, Montpellier, France. Invited paper: The potential impact of ABS measures on the use and exchange of animal genetic resources for food and agriculture (with Sipke Hiemstra);
- International workshop “*In- vivo* conservation of European livestock, Challenges applying guidelines into practice”. Wageningen, The Netherlands, 14-18 June 2011;
- XIX Winter School for Cattle Breeders – session devoted to conservation of native cattle breeds, 4-6 April, 2011, Zakopane, Poland;
- Scientific conference. Invited paper. “Modern Noe Arks – how to save endangered species”, 26-27 April 2011, Toruń, Poland;
- Scientific symposium: Trakean and wielkopolski horses in reality of XXI century”, 14-16 June 2011, Olsztyn, Poland;

Participation in a numerous seminars for services and students providing lectures and consultation, e.g.:

- Seminar “Experience in implementation of the agri-environmental programme cooperation of stakeholders, evaluation of outcomes 20-22 June 2011, CDR Kraków.

### **Public awareness**

Exhibition of Native Livestock Breeds at XXIII Animal Breeding Show, Poznań, 1-3 October 2010;

II Regional Show of Native Animal Breeds in Rudawka Rymanowska (seminar and presentation of livestock);

V Exhibition of Polish Red cattle, Szczyrzyc, 4-5 June 2011;

Presentation of animals representing breeds under conservation programmes on the margin of the scientific conference, Balice, 13-14 June 2011;

Exhibition Via Regia – species trail; Nature Museum of Senckenberg, Görlitz, Germany, May 2011;

Cooperation with media:

- Interview for TV Toruń, Talk of the day, Modern Noe Arks, 27 April, 2011;
- Interview in Channel I of Polish Radio (Animal genetic resources conservation programmes – a fashion or necessity?);

- Interview in Channel I of Polish Radio (Honey bee genetic resources conservation programmes);
- Preparation of video on Sokolski horses in cooperation with the Rural Development Foundation.

Actions planned for the next year

Substantial advancement in development of the National Strategy and Action Plan for Animal Genetic Resources;

Exhibition of native breeds at the National Animal Show, Poznań, 11-14 September 2011.

**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
National Research Institute of Animal Production 1, Krakowska Street 32-083 Balice near Krakow Poland <a href="http://www.izoo.krakow.pl/en/">http://www.izoo.krakow.pl/en/</a>	Barbara Szczęśniak Fabiańczyk <a href="mailto:bfabianc@izoo.krakow.pl">bfabianc@izoo.krakow.pl</a>	mainly cattle and sheep	semen, embryos	biological material collected in 1980s or recently in case of bull semen