

## ERFP Country report 2010 – 2011

**COUNTRY:** Czech Republic

reported by: Vera Matlova

---

### Strategic Priority Area 1:

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

Actions undertaken during the past year:

- Regular inventory of breeds enrolled into the National program and reporting to the Ministry of Agriculture
- Analyses and evaluation of medium-term trend (1990-2007) in genetic parameters in 3 national horse breeds populations

Actions planned for the next year:

- Discussion with horse breeds associations to design a special breeding program for conservation nuclei of the above mentioned populations
- Completing the National Cryo-databank of animal genetic resources and providing data to associated databases EFABIS and FAO - DADIS

---

### Strategic Priority Area 2:

#### Sustainable Use and Development

Actions undertaken during the past year:

- Continuing a research project of assessing composition and breed-specific qualities of commodities of national breeds in various production conditions and design of special labeled products
- Stipulating demand for nutria meat to support continuation nutria farming - promotional campaign "Cooking with nutria" with product tasting during the National show "Farmer 2010 - animal farming"
- Providing young animals, insemination doses and embryos to new breeders of Czech Red and Czech Pied Cattle

Actions planned for the next year:

- To stipulate new breeders (family and bio-farmers) of Prestice pig

---

### 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:

- In 2010, the project for preserving the Czech fleckvieh cattle gene resource concentrated on producing embryos from purchased cows and enlarging the nucleus group to produce breeding bulls for programme participants and genetic material for cryopreservation
- Ongoing project of recovering the Czech red cattle - breeding and selection of breeding bulls and heifers born from embryo transfer, placement of bulls in the insemination station and cryopreservation of genetic material (insemination doses, embryos, somatic cells)

- 
- Renewing endangered lines of boar in the conservation nucleus of the Prestice pig and cryopreservation of semen doses
  - Collecting and storing other biological samples for molecular-genetic description of genetic resource breeds

Actions planned for the next year:

- To obtain embryos for cryopreservation in the genebank to ensure the continuation of breeding in situ, in the natural environment, and to produce the male breeding material for individual farmers participating in the National Programme.
- Quality control examination of semen of bulls of the breed Czech fleckvieh cattle

---

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

Actions undertaken during the past year:

- Meeting of expert working group for ABS (Access and Benefit Sharing) and coordination of activities in issues connected with the International Protocol on Access to Genetic Resources (ABS-CBD)
- Raising public awareness - an exhibition of national breeds with at the occasion of the 2010 Year of biodiversity with a special program for school visitors

Actions planned for the next year:

- To prepare the first national report on the GPA implementation (2011)
  - Raising public awareness: an exhibition of national breeds with a special program about the breed Přeštice pig during the National show "Farmer 2011 - animal farming" (October 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
Institute of Animal Science, Pratelstvi 815, 104 00 Praha Uhrineves, 267 009 650 /267 710 779	Tomas Kott kott.tomas@vuzv.cz	cattle, horse, sheep, goat, pig, poultry	blood, DNA, somatic cells	
Semen Bank, Czech -Moravian Breeders' Association, 252 09 Hradistko pod Mednikem, 257 896 323 /257 740 491	Michaela Pribanova priban@cmsch.cz	cattle, horse, pig, sheep, goat	semen, embryos	
VUZV - Pig Insemination Station, 517 41 Kostelec nad Orlicí, 731 650 835 / 494 323 384	Miroslav Rozkot rozkot.miroslav@vuzv.cz	pig, goat, sheep	semen, somatic cells	



---
