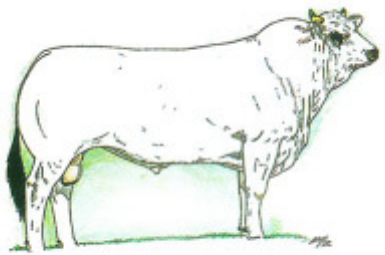
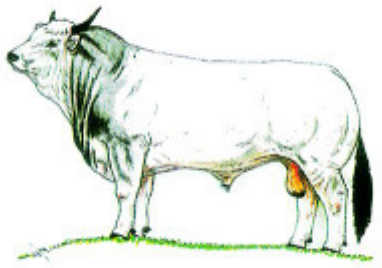
'Characterization of the indigenous and improved Podolic cattle breeds and identification of threats for extinction in global challenges'
ERFP Project 2009-2011

Tamás Szobolevszki
national coordinator of animal genetic resources
Hungary

17th Annual ERFP Workshop
27 August 2011 – Stavanger, Norway





Participants of the project

- **Hungary** *National coordinator: T.Szobolevszki*
  University of Debrecen
  Dr. B. Béri

  Hungarian Grey Cattle Breeders Association
  Director: I. Gera

- **Italy** *National coordinator: D. Matassino*
  ANABIC
  Dr. F.Filippini

- **Austria** *National coordinator: B. Berger*
  National Park Neusidlersee
  Director: K. Kirchberger

- **Serbia** *National coordinator: S. Stojanovic*
  Farmer: Sz. Truzsinszki

Aim and program of the project

- to establish cooperation between the breeders of the group

- to collect and summarize all the available and new data on Podolic cattle and publish it in a book

- 4 workshops:

    1. workshop: Italy
    2. workshop: Serbia
    3. workshop: Austria
    4. workshop: Hungary

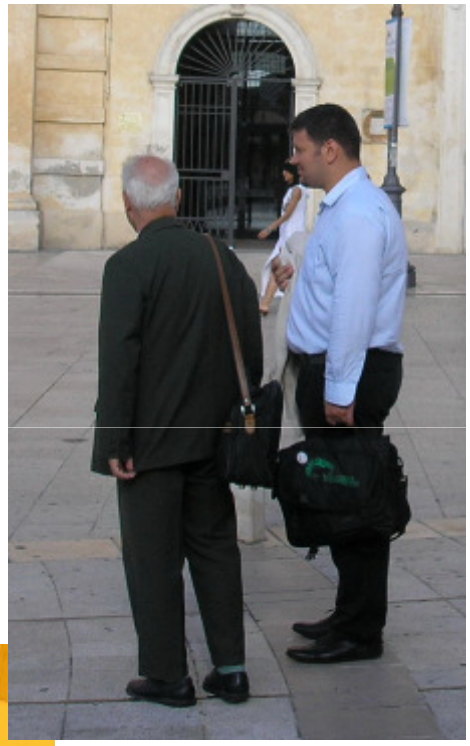
Results of the first meeting

Italy (Matera, 09.07.2009)

- discussion on the present status and possible opportunities of the Podolic cattle breeds with the representatives of the countries breeding Podolic cattle
- the elaboration of a questionnaire which is to be filled by all the countries having Podolic cattle
- cooperation (data collection, sharing information) of countries having Podolic cattle (Greece, Turkey, Ukraine, Croatia)
- second meeting was held in Serbia

Participants of the meeting

Francesco Filippini	ANABIC (Italy)
Imre Bodó	Association of Hungarian Grey Cattle Breeders (Hungary)
Ákos Maróti-Agóts	Szent István University (Hungary)
Andrea Radácsi	University of Debrecen (Hungary)
Andreas Georgoudis	ERFP (Greece)
Christina Ligda	ERFP (Greece)
Matassino Donato	NFPI FAO
Giovanni Fornataro	NFPI FAO
Roberto Gatto	Marche Region (Italy)
Riccardo Negrini	Universitá Cattolica del Sacro Cuore (Italy)
Fabio Napolitano	University of Basilicata (Italy)
Ada Braghieri	University of Basilicata (Italy)
Antonio Girolami	University of Basilicata(Italy)
Edmondo Suran	AZRRI (Croatia)
Graziano Prekalj	AZRRI (Croatia)
Gordan Šubara	AZRRI (Croatia)
M. Ihsan Soysal	Turkey
Igor Guziev	Ukraine



Questionnaire related to the ERFP 2009 PROJECT

The name of your breed (English and local name):

1. What do you know about the origin of name of the breed group "Podolic cattle"?

   What breeds do you think belong to the Podolic cattle group?

   What do you think is common in the Podolic cattle breed group?

2. Characterization: (phenotype, genotype of your breed)

   conformation:

   colour:

   production data.

   endangeredness:

   genetic comparison of DNA (data of previously performed studies, if any)

   population size in 1900 -1950 - 2000 – 2009 (cows and total):

   Please attach actual photos of bull, cow, calf and herd!

3. History of the breed

   literature data:

   Please attach archive pictures, if you have any!

4. Portrait of the breeders

   traditions:

   customs:

   stories:

   products, tools of herdsmen:

   Please attach photos!

5. Utilization

   milk - beef - work

   production systems:

6. Breeding programs

   improving

   conservation

7. Economy

   local products:

   marketing:

   subsidies:

The second workshop: Serbia

Program:

- discussion on the local products of the participant countries

- preparation of papers of all topics for the final report

Results of the second meeting

Serbia (Backa-Topola, 09. 05. 2010)

- **meeting held in Backa-Topola, Serbia at the farm of Szabolcs Truzsinszki**

- **topic: introduction of local products of Podolian cattle breeds**

- **guests welcomed by**
  - **János Dobai (deputy secretariat from the Provincial Secretary of Agriculture, Forestry and Water Management)**
  - **Szabolcs Truzsinszki (farmer)**
  - **Srdjan Stojanovic (Ministry of Agriculture, Forestry and Water Management)**

Lectures

- On behalf of the project leaders, Andrea Radácsi and Béla Béri (University of Debrecen) gave a short introduction of the project

- Prof. Imre Bodó reviewed the questionnaires filled and sent by some partners

- Marianna Manzone (in cooperation with Prof. Matassino and other colleagues from ConSDABI, Italy): lecture on the meat and dairy products of the Podolica breed (experiences of using PDO and PGI systems)

http://alt.date.hu

Lectures based on breeders' experiences

- Viktor Reinprecht (National Park in Neusidlersee)
- István Gera (director of the Association of Hungarian Grey Cattle Breeders)
- Levente Viszló (director of Pro Vértes Nonprofit Company)
- there was opportunity for tasting products made from the meat of Podolian cattle breeds

The third workshop: Austria

Illmitz, 17. 11. 2010.

discussion on genetic diversity, literature, historic and scientific data, subsidies

Presentations:

Maróti-Agóts – Gyurmán – Zöldág: Molecular signs of common origin in Podolic cattle breeds

Radácsi – Béri: Role of MC1R gene polymorphisms in the traceability of Hungarian Grey Cattle's meat products

Bodó – Gera: Subsidies for breeding native breeds in Hungary

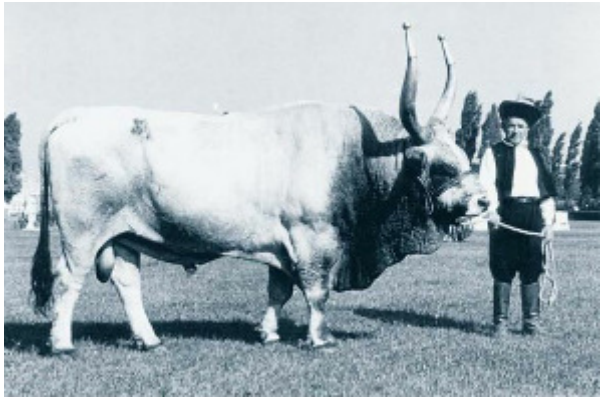
Stojanovic : The subsidy program for autochthonous breeds in Serbia

The third workshop: Austria

The final workshop: Hungary

Debrecen University-Hortobágy

26. 05. 2011.



- accept the final report i.e. a book ready for printing

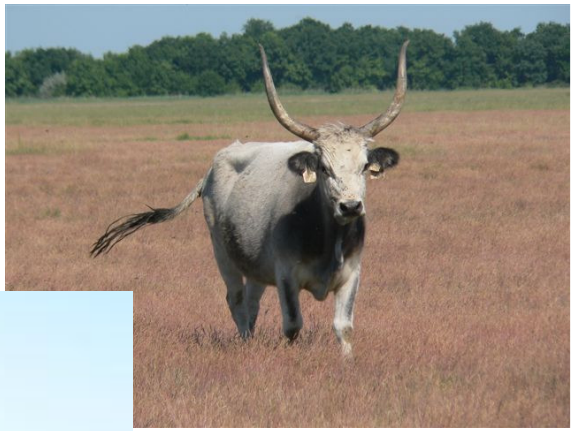
Presentations:

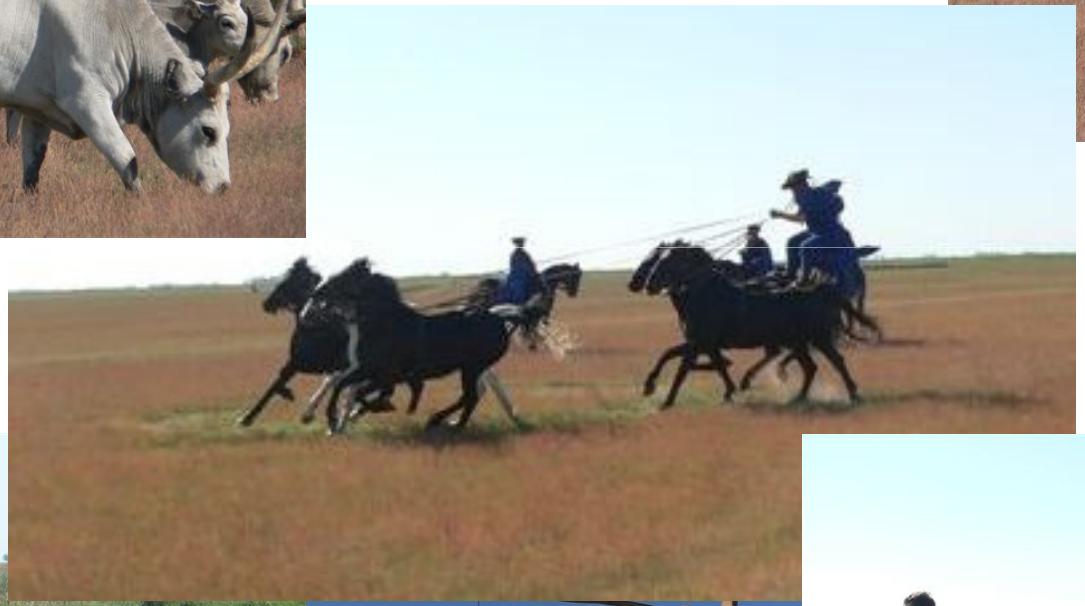
Maróti-Agóts: Origin of Hungarian Grey cattle.

Soysal: Podolian cattle in Turkey.

Bodó: Tasks, further plans (preparation of the book).

The final workshop: Hungary Hortobágy





Outputs of this project

- Summary of genetic and phenotypic relation between Podolic breeds.
- Information of the maintenance of genetic diversity within the Podolic group.
- Methods for breeding strategies, economic evaluation, including the possible subsidies.
- Development of relations among Podolic cattle breeders.
- Recommendation for local products and niche markets.
- A useful book on Podolic cattle breeds (in autumn).

Thank you for your attention!