



PROJECT

Development of regional network in function of sustainable breeding programs for transboundary breeds

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Annual report



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Problems:

- sustainable protection of AnGR - balancing of maximum-diversity and maximum-utility strategy.
- improving the competitiveness of AnGR, particularly through the traditional technology makes them less vulnerable and sustainable in long-terms
- development of sustainable breeding programs of transboundary breeds should consider the interaction of national breeding strategy, in order to be properly developed production characteristics, preserved adaptability and genetic variability.
- rationalizations of costs of conservations (breeding) programs can be achieved through regional coordination of responsible breeding institutions and experts, through the distribution of responsibilities, exchange of information, ideas and genetic material
- information flow and strengthening the regional cooperation is necessary
- results of ERFP project 'Study of origin and conservation strategy of the Pramenka sheep breeds as regional transboundary breeds' indicate the need for establish strength cooperation between experts in design of breeding programs for transboundary breeds

Objectives of project:

- analysis of national breeding strategy for some transboundary breeds
- creating regional network of experts, services, breeding and other institutions in order to strengthen the cooperation to establish a sustainable breeding programs for regional breeds
- strengthening the importance of national Focal Point institutions as well as functions of the National Coordinator

Planned outputs of project:

- formation of working group for development of breeding programs for transboundary breeds considering conservation, economic, social needs and market demands
- evaluation of conservation management and activities, conservation schemes (programmes);
- proposals of breeding program for transboundary breeds with efficiency analysis, costs, benefits, risks and model of effective partnership of country
- preparation of *regional AnGR web page* – platform for expert consulting in *management of AnGR*;
- updates of the EFABIS DB with new data.

Project activity

1. e-conference – *consultation*
2. first project Meeting
 - Cavtat, Croatia, 19-21 May 2010



Theme - discussion

Each participant presented one of the proposed topics and observations about the breeds that have transboundary character.

Theme 1. What is regional network and how can develop their efficiency (Ivanković A).

Theme 2. Cooperation in develop of national and regional plan of action for animal genetic resources (Ante Ivanković, Ramljak Jelena).

Theme 3. Cooperation in develop sustainable breeding programs for transboundary breeds – example of Podolian cattle breeds (Stojanović S.).

Theme 4. Cooperation in develop sustainable breeding programs for transboundary breeds – example of Busha cattle breeds (Marković Božidarka; Kume K.).

Theme 5. Cooperation in develop sustainable breeding programs for transboundary breeds – example of Istrian (pramenka) sheep (Kompan D.).

Theme 6. Cooperation in develop sustainable breeding programs for transboundary breeds – example of Bosnian mountain horse (Muratović S.).

Theme 7. Cooperation in develop sustainable breeding programs for transboundary breeds – example of Posavina horse (Ivanković A.).

Theme - discussion

- different levels of endanger of certain breeds in participating countries exists
 - Bardoka sheep, Istrian pramenka
 - Slavonian Sarmian Podolian Cattle (critically endangered with no commercial use in Croatia, endangered in Serbia with commercial use).
 - Busha (endangered in Croatia, Serbia, Kosovo and Albania; critically endangered in Bosnia and Herzegovina and Montenegro)
 - Albania, Macedonia, Kosovo, Montenegro and Bosnia and Herzegovina don't have data concerning census size of Busha cattle (and this is important for project of K. Kume) the necessity of field tour and collecting information exists



Theme - discussion

- breeding programs (BP) for transboundary breeds not exist in all country
- in Slovenia exists breeding program's for all native breeds and can be used as template as well in design new regional breeding program's
- in Croatia exists breeding programmes for most native breeds
 - Istrian pramenka (Slovenia and Croatia)
 - Podolian Cattle (Croatia, Serbia)
 - Busha (Croatia, Serbia, Bosnia and Herzegovina, Montenegro, Macedonia, Albania)
 - Bosnian mountain horse (Bosnia and Herzegovina, Croatia, Serbia)
 - Posavina horse (Slovenia and Croatia)

Theme - discussion

- cooperation between participating countries in protection of transboundary AnGR.
 - Consultation about conservation programs for Istrain pramneka, Posavina horse – establish model of cooperation of NC (and other partners) in implementing of programs
 - developing of cooperation in creation of some breeding (conservation) programs
 - planed propose draft breeding program for Busha cattle (Ivanković A.)
 - e-cooference consulation
 - example of possible collaboration



Theme - discussion

- **AnGR regional web site for transboundary breeds**
 - draft version of web-site will be finish in October 2010,
 - will follow e-consultation about web-site
 - web-site finishing on of the next meeting (Montenegro, spring 2010).

Theme - discussion

- regional action plan (guidelines) for protect of AnGR
 - example for discussion ‘National Action Plan of conservation of autochthonous and protected domestic animals breeds in Croatia’ (accepted from government in Mart 2010).
- will be available on proposed web-site

Field trip - excursion















Planned activity

- two e-conference – *consultation*
 - October 2010
 - January 2010
- finish web-site
- next workshop will be organized in Montenegro (May 2011)

Thank you for your attention

