

**STRATEGIC PRIORITY AREA 1: CHARACTERIZATION, INVENTORY AND
MONITORING OF TRENDS AND ASSOCIATED RISKS**

Actions undertaken during the past year

Continue with monitoring of autochthonous breeds in Croatia, estimate their situations, risks and trends. Harmonized endangerment status of some local breeds. Suggested operational and strategic guidelines according to breed status. Special attention is consecrated on critically endangered autochthonous breeds (Dubrovacka Ruda sheep, Turopolje pig, Croatian Hen, Murinsulaner horse, Northern-Adriatic donkey, Busha cattle, Slavonian-Syrmian Podolian cattle).

Continued with the characterization of exterior, production and genetic characteristics of autochthonous breeds in Croatia. Accent of characterization is on production characteristics of autochthonous breeds, comparative advantages usable in traditional production systems, organic and/or ecologic production.

Continued with characterizations of genetic characteristics in interest of more effective protection of genetic variability.

Some breeds are characterized with regards to resistances/preferences on some diseases.

Actions planned for the next year

Continue work (completion) on the characterizations of autochthonous breed, specially with regards to production and genetic characteristics. Continue characterizations of autochthonous sheep and cattle breeds.

Continue with inventory of genetic resources. Exist indication about several potential autochthon genotypes (they are preserved in relative small number).

Inventory of Grey Dalmatian cattle population, in respect of which we suppose that are preserved in the sufficient number for protection program.

Adoption »Action plans for critical endangered breeds«.

STRATEGIC PRIORITY AREA 2: SUSTAINABLE USE AND DEVELOPMENT

Actions undertaken during the past year

Develop the programmes of economic affirmation/exploitation of autochthonous breeds with the purpose to increase their competition (profitability).

Develop (improve) of sustainable use of programmes for all species of domestic animals (horse, cattle, pig, sheep and poultry).

Responsible institutions support the programmes of sustainable uses of autochthonous breeds through the stimulation production, standardizations, marketing and sale of recognizable food products. Showcase cite the production programme »Beef meat of Istrian cattle«, sheep meat production programme (»Kastradina«; Dalmatian pramenka), sheep cheese (Pag-, Rab-, Istrian sheep cheese), pig meat production programme (»Kulin«; Black Slavonian pig) and ass milk production programme (Littoral-Dinaric donkey).

Stimulation of development of processing potentials, product standardization, connections of breeders, producers and consumers.

Actions planned for the next year

Development of additional programme of economic uses of autochthonous breeds.

Stimulating and creating new programme for sustainable use.

Developments of new food products, theirs standardizations, marketing promotion and sales.

Development of production capacity, processing and marketing, acquiring the signs of special characteristics of food quality.

STRATEGIC PRIORITY AREA 3: CONSERVATION

Actions undertaken during the past year

Analyses of efficiency active *in situ* protection programs of autochthonous breeds.

Presenting/giving operational and strategic breeding proposals.

Expert support through contacts with breeder associations and responsible institutions.

Undertaken prevention measure of »Action plan« in interest of protections of endangered autochthonous breeds (cases of diseases).

Finished (coordinated) breeding programs for part of autochthonous breeds (Istrian cattle, Busha cattle, Slavonian-Syrmian Podolian cattle).

Started activities on *ex situ in vitro* programme of protection of autochthonous breeds (»Gene Bank«);

Continued with collaboration on national and international level.

Actions planned for the next year

Developing/improving the model *in situ* protection of autochthonous breeds.

Prepare of proposal *in situ* conservation programme in areas of protected nature.

Prepare *ex situ in vitro* programme (establish »Gene Bank«). Collection of information about human and technical resources, integration of available potentials, preparation of following information about software support, choice of storing locations, making priority of action plans, beginning of collecting and storing genetic material in »Gene Bank«.

Keeping thematic Working meetings with topic »*In situ* and *ex situ* protection programme of autochthonous breeds«.

STRATEGIC PRIORITY AREA 4: POLICIES, INSTITUTIONS AND CAPACITY BUILDING

Actions undertaken during the past year

Harmonization of legislative regulations which are in relate with protection of autochthonous breeds. Supported independency of breeding organisations who participate in breeding work of autochthonous breeds.

Realized strengthening programs of breeding associations.

Held more working meetings, workshops, scientific and expert meetings on which discusses about actualities in protection programme of autochthonous breeds are main subjects.

Organized the Conference with international participation (Conference about the protection of original varieties and breeds as part of biological and cultural heritages / Šibenik, 13-16.11.2007). A part of this Conference have been kept by ERFP Working Meeting, on which several national coordinators from south east European countries participated.

Actions planned for the next year

Support of breeding and other associations which are active in conservation of AnGR.

Cooperation with the institutional framework, harmonization with purpose to improve programmes of competitiveness and sustainable uses of autochthonous breeds.

Help in harmonization legislative regulations which border preservation problems of AnGR.

Preparation »National programmes of preservation autochthonous and protected animal breeds«, it's conforming with actual strategic and operative guidelines.

Preparations crisis action plans, especially for critically endangered breeds.

Preparation of institutional framework for establishes »Gene Bank« and its integration in active *in situ* programme.