

***USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.***

Use of Farm Animal Genetic Resources in Serbia in Rural Tourism

M.Sc. Srdjan Stojanovic

***Ministry of Agriculture, Forestry and Water Management
Department for Genetic Resources
Belgrade, Serbia***

**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**

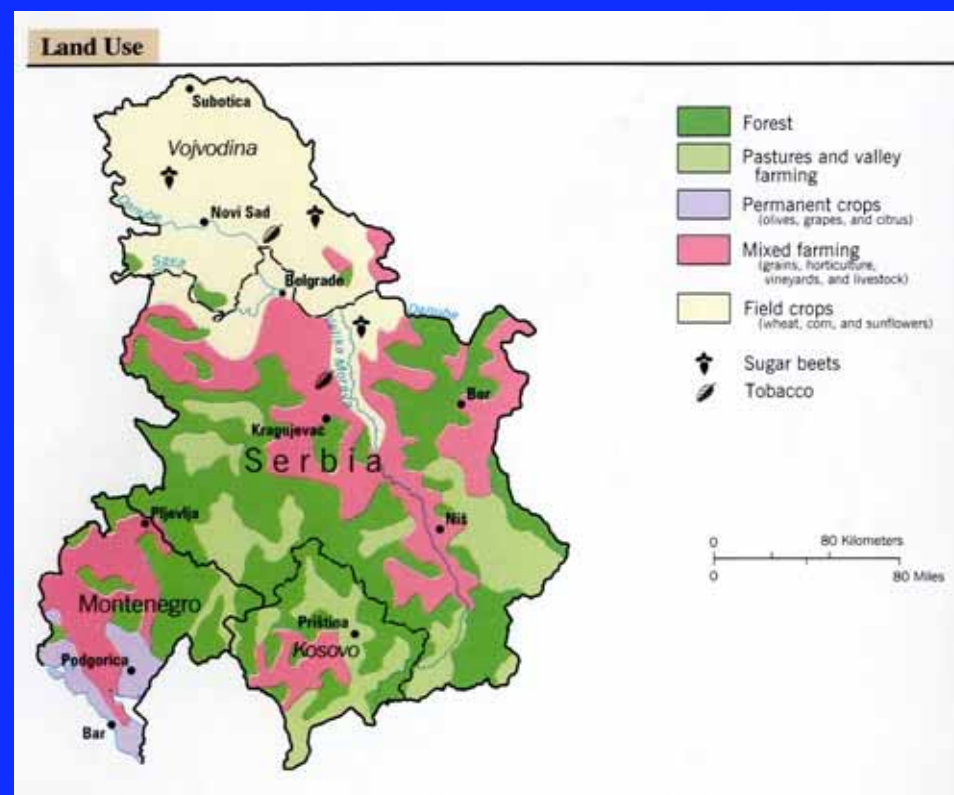


The Republic of Serbia is situated in South-East Europe, on the Balkan Peninsula. It covers a territory of **88.361 sq. km** and true the last census have about **8.000.000 people**.



USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM, DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.

- Agriculture land	50.920 sq. km
- Cultivated land	42.180 sq. km
- Forests	19.845 sq. km
- Fields and gardens	33.450 sq. km
- Orchards	2.460 sq. km
- Vineyards	590 sq. km
- Meadows	5.940 sq. km
- Pastures	8.260 sq. km
- Swamps and fish-ponds	360 sq. km



**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**



BOVINES

1.087.000



SHEEP

1.606.000



PIGS

3.832.000



POULTRY

_____ 17.677.000

**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**

	Locally Adapted Breeds		Exotic Breeds	Total
		Endangered		
Cattle	2	2	8	10
Buffalo	1	1	0	1
Horse	2	2	20	22
Donkey	1	1	0	1
Pig	5	3	9	14
Sheep	6	2	5	11
Goat	2	1	3	5
Poultry	8	5	22	30
Bee	1	1	N/I	N/I

Serbian Gene Bank

No. of animals and breeders in gene bank 2008

Species	No. of animals in gene bank	No. of breeders
Cattle	1.000	70
Buffalo	1.000-1.200	75
Horses	140	30
Pigs	1.200	30
Sheep	1.500	40
Goats	250	12
Chicken	1.500	20

**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**

TREND OF POPULATION OF RARE BREEDS 1999-2008

	2008	2006	2004	2002	2000	1999
Podolian cattle	240	147	128	77	110	98
Busha cattle	550	111	10			60
Domestic buffalo	1.000	139				
Domestic-mountain pony	65	21	13	12	9	9
Nonius	73	38	30	17	17	15
Balkan donkey	80	22				
Mangalitsa pig	900	362	163	135	124	85
Morava pig	80	50	17			
Resava pig	20	8				

**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**

TREND OF POPULATION OF RARE BREEDS 1999-2008

	2008	2006	2004	2002	2000	1999
Lipa sheep	220	157	64			
Krivi vir sheep	300	300	247			
Bardoka sheep	50	35	27	22		
Vlashko-vitoroga sheep	250	100	40			
Karakachan sheep	60	40				
_okan Tsigai sheep	470	326	250	100	100	100
Balkan goat	250	201	205	114	242	321
Svrljig hen	250	140				
Sombor hen	300	169	150	100	100	100
Nacked Neck	800	342	72	50	50	50

*USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.*

- Till 2001 applied conservation programme was economically and technically far away from sustainable.
- Conservation and improvement concept had significant changes.
- The new animal genetic conservation strategy is taking more care of sustainability of on-farm conservation programs.
- AnGR stakeholders agreed that providing rural development policy to support AnGR. Reintegration of the AnGR conservation with the traditional mixed-farming systems and non-agricultural activities was promoted.

Rural Development Policy-Rural Tourism

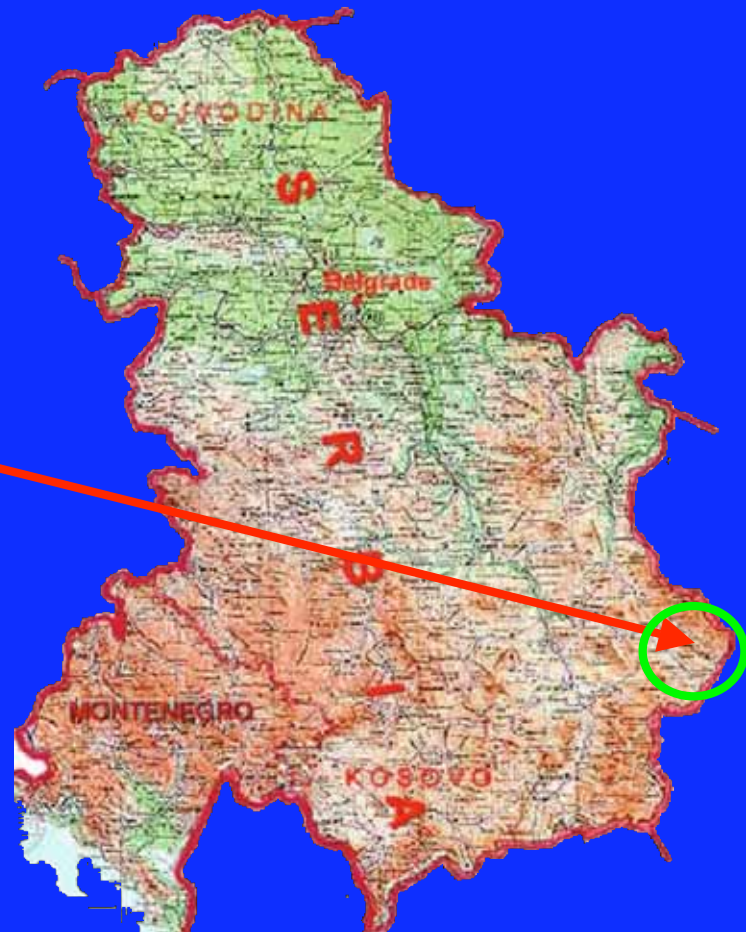
Rural tourism in Serbia has been gaining momentum in recent times. The reasons for it are, in the following:

- changes in the behaviour of people**
- promotion of tourism with the aim of developing rural areas economically**
- the necessary protection of nature and the landscape**
- strategies of decentralization**

Stara planina protected area

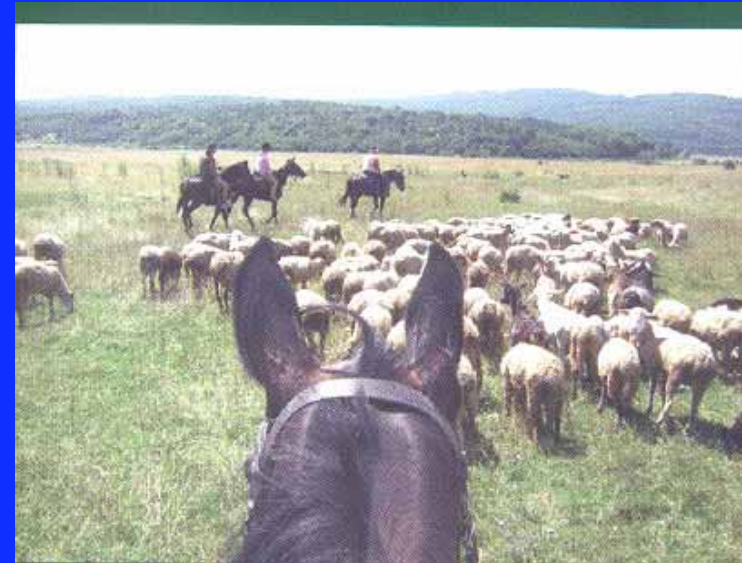
**South-East Serbia, Municipality of
Dimitrovgrad.**

**SP is 21 km far away from Municipality of
Dimitrovgrada and represent common
natural resources between Serbia and
Bulgaria. In the 1996. year it is announced
Park of peace and it is candidate for
UNESCO MAB reservate.**



***USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.***

Special values are pastures with the high biodiversity.



**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**

Brend of autochthonous products in market are directly connected with the name of mountain or places: staroplanina lamb, kachkavalj, acid milk, pirot rug etc.



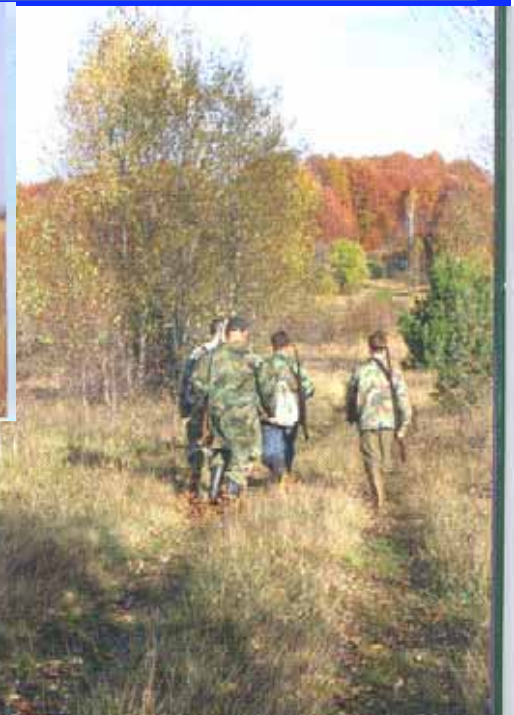
For the economic development is very important connection between biodiversity and livestock true high quality of products.

**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**

Local cuisine for everybody

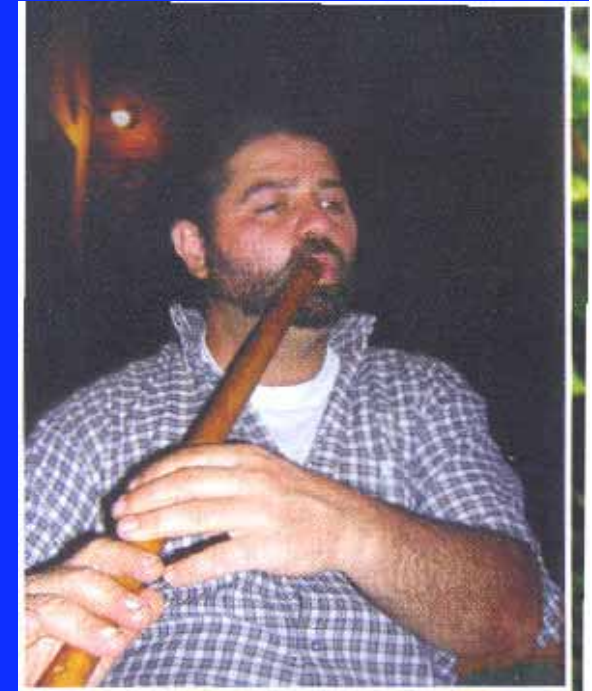


**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**



**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**

Non-agricultural activities

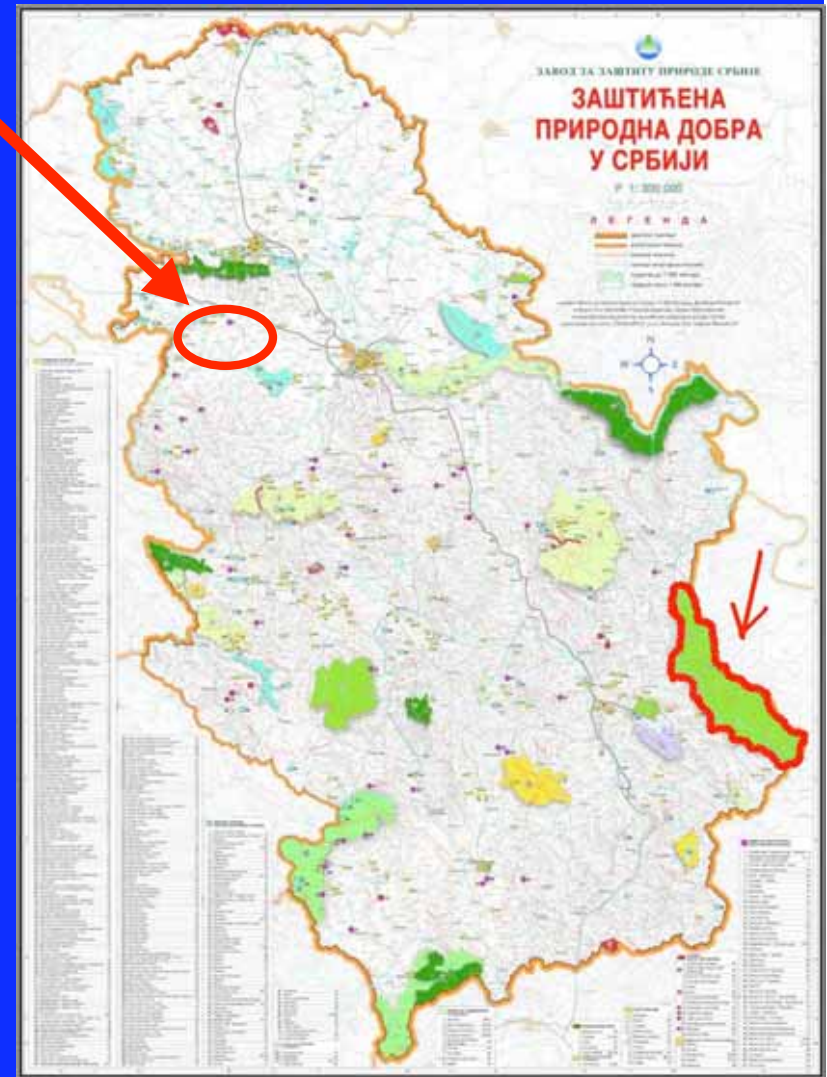


**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**



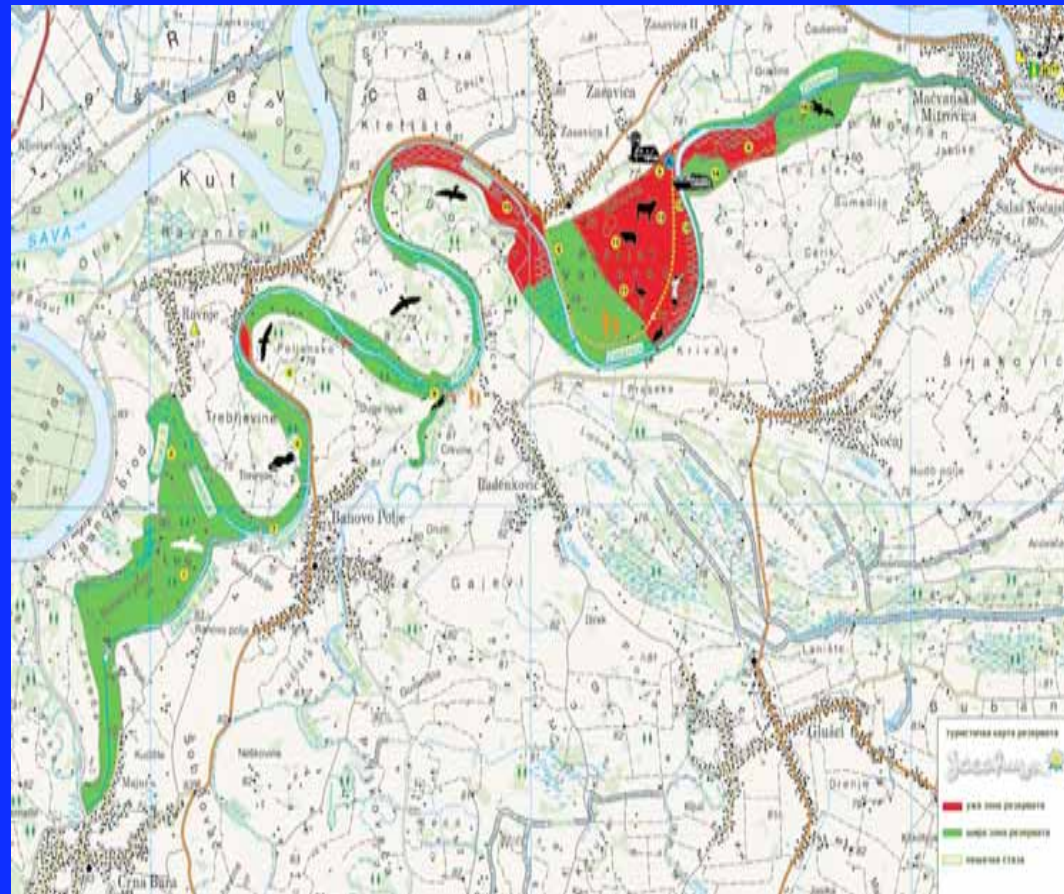
Zasavica special nature reserve

The Special Nature Reserve Zasavica is situated on the territory of South Voivodina. It comprises territories of Sremska Mitrovica and Bogati_ municipalities. The area is dominated by a reverie biotop of the Zasavica River, in the length of **33.1 km**. It is mosaic of aquatic and wetland ecosystems with fragments of flooded forests.



USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM, DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.

Zasavica is a part of a national network of Ramsar sites (wetlands protected according to the Ramsar Convention), and according to IUCN management categories, it is Habitat and species management area - category IV. Since 2001 Zasavica is a member of **The Europark Federation**. Zasavica is protected as a Special Nature Reserve in order to preserve natural currents and waterlands, habitats of diverse flora and fauna, some of which are rare and endangered.



***USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.***



***USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.***



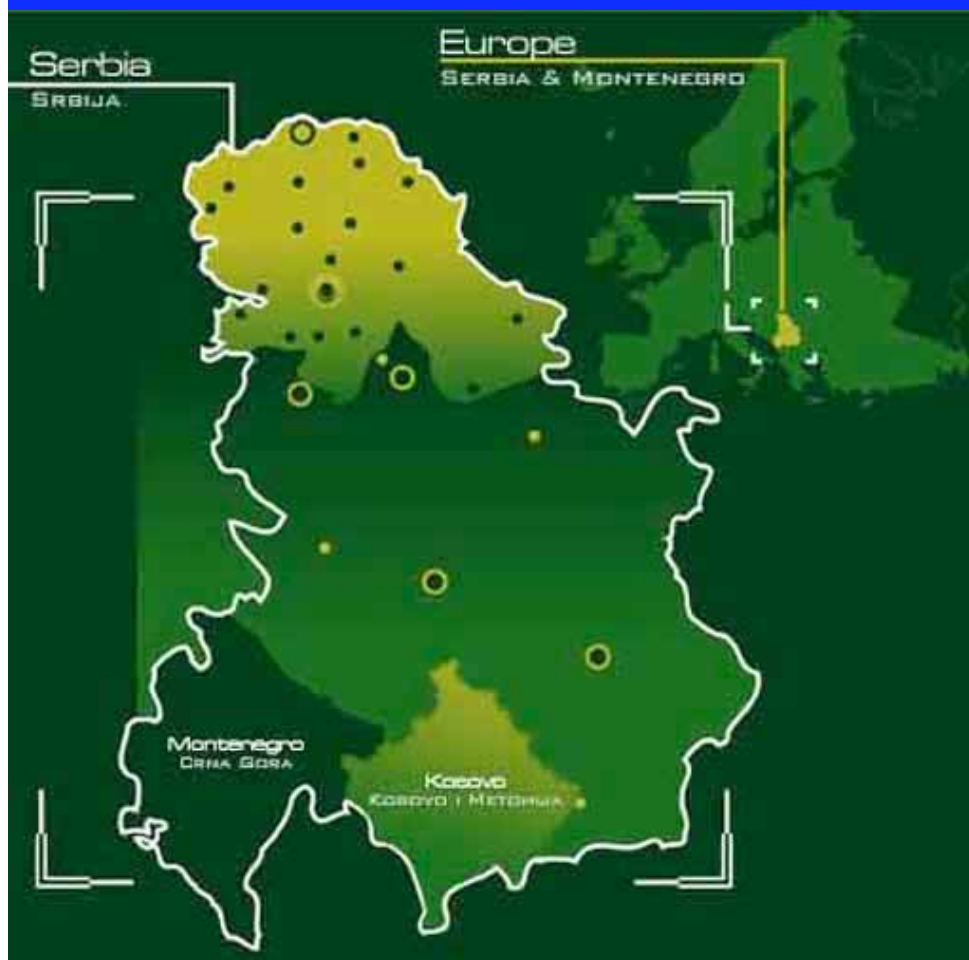
***USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.***



**USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.**



***USE OF RARE BREEDS AND PLANTS FOR GENUINE FOOD IN RURAL TOURISM,
DAGENE/SAVE Conference, Hungary, Kozard, 12-14.06.2008.***



Thank you for your attention

***M.Sc. Srdjan Stojanovic
Ministry of Agriculture, Forestry and Water Management
Department for Genetic Resources
Belgrade, Serbia
agrvet@hotmail.com***