

**Development of models assessing
the breeds risk status by
utilization of population and
relevant georeferenced data**

ERFP project (Call 2009-2010)

Participating countries

- Greece
- France
- Germany
- Ireland
- Latvia
- Netherlands
- Norway
- Poland
- Slovenia
- Turkey
- UK
- others...

The idea

- First strategic priority of the GPA
 - Characterisation of AnGR, the monitoring of trends and risks and the establishment of country based early warning and response systems.
- Geographical Information Systems provide the means to a better understanding of the situation in and between the countries
 - transboundary breeds
 - development of proper tools for early response to coming threats.

Aim

- A common base on the information that should be collected
 - their format including the spatial dimension of the data,
- Develop models that will weigh the different threatening factors to an index appropriate to classify the breeds according to their degree of endangerment.
- Tool to make decisions relevant with the management of animal genetic resources having a better tool to analyse breed distribution and utilisation.

Expected outputs

- Identify the available data
 - Assessment of the threats of the breeds, (population trends, political, social and environmental factors) and also the values and the specific contribution of the breeds
- Identify the kind of information that should be collected at farm level, breeding region or country level
- Develop a mechanism of permanent collection and enter the data in a Geographical Information System
- Develop models combining the available data to an index assessing the threats.
- Visualisation of the results using GIS tools
- Develop a system that can be used as an early warning tool
- Propose possible ways to incorporate this procedure into existing databases or how to link the existing databases with GIS.

Material available

- ERFP project: Development of a common methodology to evaluate and monitor the population-genetic status of farm animal breeds in Europe
 - Report (Eleonore)
- Breeds at Risk seminar
 - Report on the primary indicators
- GenRes Projects:
 - Heritage Sheep
 - Database with information on political, social, environmental, disease factors
 - Eureka project
 - Data collected on the sustainability of the cattle farms
- Other??

Timetable

- Crete, August 2010 (ERFP Workshop)
 - Presentation of the aims / Workplan / Discussion
- Prepare and send out a working document (deadline: mid November)
- Contributions from all participants (by January)
- Prepare the WG meeting
 - February – March 2011
 - Exact date and location to be defined
- Final report – Stavanger (17th ERFP Workshop)

- Suggestions / ideas?

