

**ERFP ad hoc action:**

**Socio-economic and environmental parameters and their applicability  
into a tool to evaluate risks and trends**

Meeting Report, Padova, 3 -4 November

**Participants:** Enrico Sturaro, Gustavo Gandini, Zhivko Ducheve, Eleonore Charvolin, Etienne Verrier, Filomena Afonso, Monica Cornejo, Anna Renhberg, Christina Ligda

The main objective of the meeting was to review the work that has been done, discuss the breed cases, finalize the list of parameters and relevant fields, and also to draft the content of the final report with recommendations on possible implementation of the approach at regional level.

During the first day, the discussion aimed to the clear definition of the suggested parameters based on the breed cases examined, to suggest ways towards the implementation of this approach, and possible new fields that are needed to be included in EFABIS. Furthermore, Gustavo Gandini gave a short presentation on the risk status criteria (FAO guidelines, 2013) and possible additional ways on risk status estimation for EFABIS and Anna Renhberg presented some observations on the current EFABIS outputs. On the 2nd day, the main points of the discussion were summarized and the recommendations including suggestions for fields were finalized, as following:

**Main remarks and recommendations :**

- The proposed approach can be applied under a new tool that will be developed in EFABIS and will be accessible through a separate environment identified as " *Socio-economic context* "
- The objective of this tool will be to provide information on the general environment that a breed is raised and expected to affect the breed status. Such tool is specifically of interest for breeds that are just above the demographic thresholds.
- For this purpose, new fields need to be added to EFABIS corresponding to the descriptors proposed within this ad hoc action. In total eight socio-economic and social parameters are proposed.
- The following parameters were used: economic viability (market recognition, breed profitability, continuity of activity, subsidies dependency), breeders organization and breeding / conservation program, Gene Bank status, cooperation level, and cultural value.

- The values of the fields (descriptors) are the scores (with values ranging from 0 to 4) that will get, based on the experts knowledge on the breeds. In addition to the 8 score fields, two new text fields are proposed that will be visible also in the general EFABIS. Existing relevant fields of EFABIS will be visible and possible to be updated under the "socio-economic context" section.
- The specific list of the fields and the amendments, new fields or modifications to existing EFABIS fields follow in a separate table the end.
- The tool, is proposed to be implemented for specific species, (Cattle, Buffalos, Sheep, Goats, Pigs, Horses).
- The scores will be updated in defined time periods and previous values will be stored in the system, so the user will have the possibility to analyse historical data. The results will be presented in specific reports using radar charts and tables. Specific proposals for outputs will be included in the final report.

## **FINAL REPORT (by the 14th of January)**

The contents of the report:

- Introduction
  - *Aims and objectives of the ad hoc action*
  - *Background (defining risk categories)*
  - *Review of existing approaches in Europe*
- Methodology
  - *Explain the idea of analyzing the socio-economic context on breed level*
  - *Criteria used and assessment of values*
  - *Breed cases and data collection*
- Results and Discussion
  - *Presentation of the results on breed cases (charts / tables)*
- Recommendations
  - *Proposal of implementation at European level (EFABIS + tools / reports): this is the deliverable of the project*