

Supporting the documentation of European breeds

10 years of activities of Documentation and Information
ERFP working group

Chair : Enrico Sturaro Italy (since 2017)

29 members




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Aims of the WG

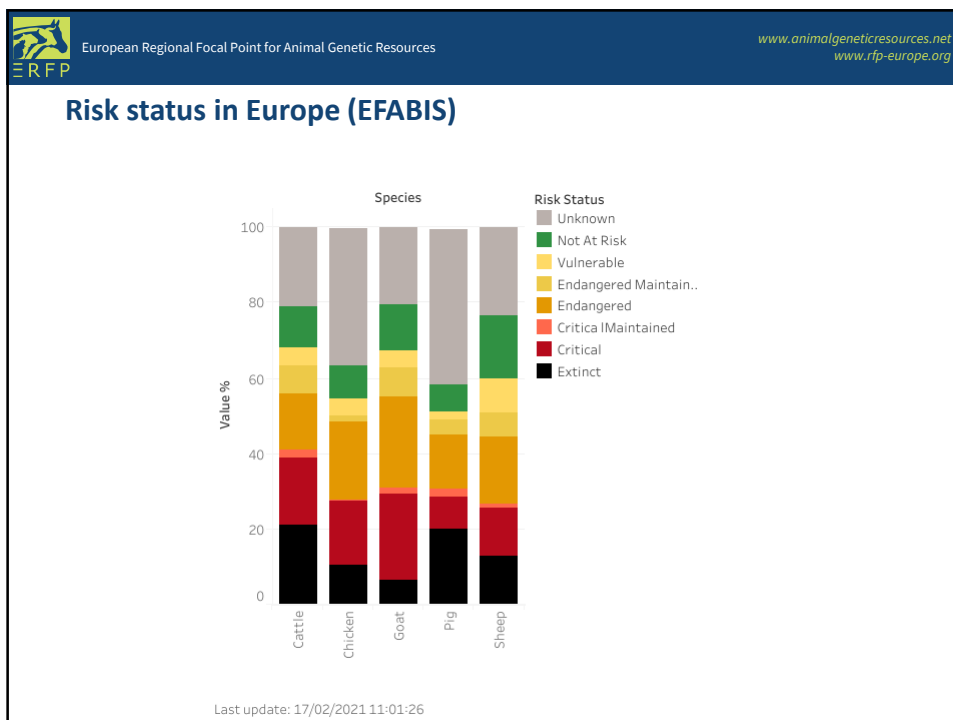
- The documentation of AnGR is one of the main targets of the GPA and an important basis for informed decision-making by countries, at European region (ERFP) level and at global level (FAO). Countries are supported by the ERFP Working Group Documentation and Information in the establishment of their national inventories for AnGR
- Both monitoring and assessment as well as user needs might require further functionalities of EFABIS which should be identified and further developed by the ERFP Working Group Documentation and Information.

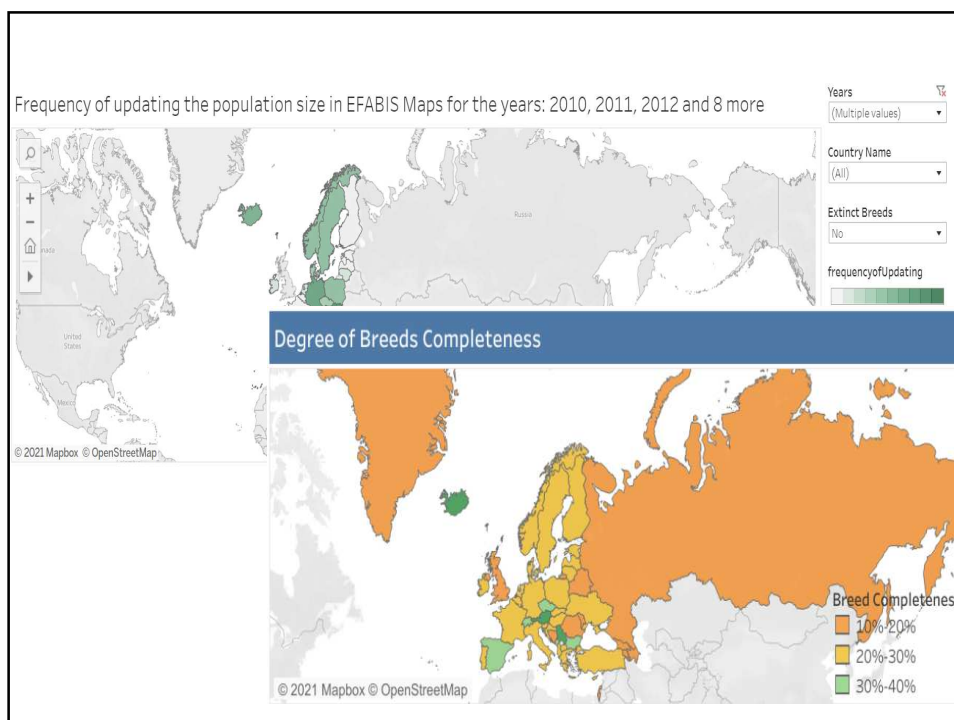
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Brief history of the WG Documentation and Information

- April 2011 – kick off meeting in Bonn – Election of C. Ligda as chair
- Regular WG meeting each year: the reports are available on ERFP website:
<https://www.animalgeneticresources.net/index.php/about-erfp/events/working-group-meetings/>
- Regular activities (in collaboration with FAO) to favor data quality and completeness in EFABIS/DAD-IS






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Data quality and completeness in EFABIS – critical points

- Frequency of updating and the degree of completeness (average value around 30%) are very heterogeneous between countries
- Countries with degree of breeds data completeness less than 20% also do not provide population data
- Need to improve the interoperability with other databases (in particular within domain)
- Further capacity building needed on national level to establish sustainable and reliable data providers



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Collaboration with **GENRESBRIDGE** project
<http://www.genresbridge.eu/>

Task 4.1 Enhancing the central GenRes information systems

Aim: T4.1 will enhance the amount and improve quality of data in the central information systems (IS; EURISCO, EUFGIS, EFABIS) managed by the three domains' networks with the aim of enhancing access of users to information.

Training sessions (scheduled online for the autumn 2021):

- to improve data quality and completeness (within network approach)
- To contribute to develop integrated GenRes strategy ("Bridge approach")




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Brief history of the WG Documentation and Information

- **Development of Ad hoc actions:**
 - Development of models assessing the breeds risk status by utilization of population and relevant georeferenced data (2010)
 - Socio-economic and environmental parameters and their applicability into a tool to evaluate risks and trends (2014)
 - Indicators for monitoring status and trend of honeybees and pollination ecosystem service (2016)
 - Transboundary breeds in Europe: promote concerted action between Countries (2020 - joint with WG In-situ and ex situ)


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

Table 1. Criteria for classification of breeds' risk status (*In vivo conservation guidelines, FAO 2013*)

	Vulnerable	Endangered	Critical
Numerical (e.g. poultry/pigs)*	2000	1000	100
(cattle/sheep/goats/horses)**	6000	3000	300
Geographical (75% of the population within)	50 km	25 km	12,5 km
ΔF	0.5% - 1%	1%-3%	>3%


*high-reproductive species
 ** low-reproductive species

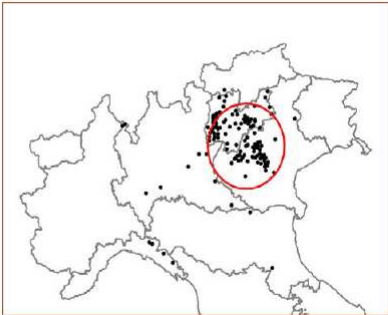

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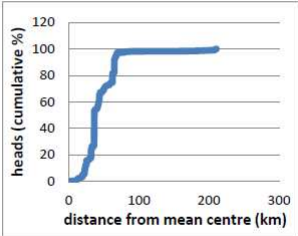
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Development of models assessing the breeds risk status by utilization of population and relevant georeferenced data

Rendena cattle




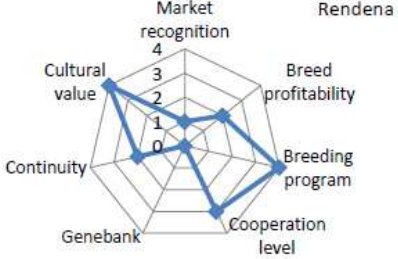




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Socio-economic and environmental parameters and their applicability into a tool to evaluate risks and trends

Rendena cattle, Italy

Parameter	Score
Market recognition	4
Breed profitability	1
Breeding program	2
Cooperation level	1
Genebank	1
Cultural value	3

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Indicators for monitoring status and trend of honeybees and pollination ecosystem service

Domestic Animal Diversity Information System (DAD-IS)


Home | Data | In Focus | Publications | National Coordinators | Regional/National Nodes

Bee Diversity Tool

Diversity of Bees

< Diversity of bees | Distribution of bee subspecies >

Bees Diversity Map



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