



European Regional Focal Point for Animal Genetic Resources

Regional platform for the support of management, conservation and sustainable use of animal genetic resources

ERFP Ad Hoc Action « Transboundary Breeds »

Guidelines for Transboundary breeds in Europe Promote concerted actions between countries

Waypoint – 01/06/2021

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INRAE



Main Goals


- describe a variety of cases to highlight the different cases of management of AnGR that would require at
 - least a sharing of knowledge between different countries,
 - but also highlighting actions that could be undertaken by a set of countries
- a classification that will highlight the specific needs of each transboundary population. The field of application may be all European endangered breeds
- **The overall goal is propose the pathways to develop a common management of the transboundary breeds by developing respective ERFP guidelines.**



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Scope

- All European endangered breeds  Extension to all Risk Status categories.
- For EU Member State, taking into account the new Animal Breeding Regulation (Regulation EU 2016/1012)
- >The 3 ERFP WG are implied
- Consequences for the GenRes Bridge project <-> linked through WP4
- First task > Coordination between the 3 WG
- Meaning that the 3 WG will give their input, through their representative. But a part of the work, the development of ideas should come from 2 sides : Ad Hoc Action and the 3 WG.



List of ERFP Members

Srdjan Stojanovic	Serbia
Ewa Sosin	Poland
Fernando Tejerina	Spain
Eleonore Charvolin	France
Enrico Sturaro	Italy
Christina Ligda	Greece
Grazina Polak	Poland
Danijela Bojkovski	Slovenia
Dimitrios Tsiokos	Greece
Roswitha Baumung	FAO
Gregoire Leroy	FAO
Zhivko Ducheve	Bulgaria
Monica Martin Cornejo	Spain



Description and time frame of activities

- ➡

• April 2020

Formation of a team for the Ad hoc action consisting of 1 members per WG + 3 experts from breeding societies (which are familiar with the issue of transboundary breeds + coordinators of the WG)

➡

• May 2020

Development of a form for listing cases and their specific problems (during joint WG meeting in Athens and/or with web meeting)

➡

• June 2020 – November 2020

List different cases and their problems to show the different situations and send the results to the coordinator of the Ad hoc action (each WG)

• November or December 2020

Team meeting to share the findings, develop a table of content for the ERFP guidelines and identification of persons, who are responsible for drafting the content of the respective guideline items (team)

• January 2021 – March 2021

Prepare and present table of content to the ERFP Steering Committee (coordinator assisted by the team)

• April 2021 – July 2021

Draft guidelines (team, with involvement of the WGs)

• August 2021

Presentation of draft ERFP recommendations for transboundary breeds to the ERFP Assembly (coordinator) and adoption of the guidelines (ERFP Assembly)
- ➡

September/October 2020
- ➡

Case studies received

In progress / needs to be estimated after previous steps

Proposal for monthly webmeeting



Already 7 meetings, still a lot to do!

What is a TB in countries?	What is a TB in DAD IS/EFABIS?	Communication
Proposed a grid of analyse of breeds	Analyse DAD IS with FAO and Dimitrios	-EAAP presentation : summary provided in March
List of some examples/Case studies. Contact the countries concerned by the case studies	=> What kind of problems we have	- Position paper in <i>GenRes Bridge Journal</i> : to write before Summer
	2 Workshops : -August during GA and -Autumn 2021, linked with GenRes Bridge, participation of FAO, open to representatives from other regions (proposed during ITWG)	



Grid of analyse of case studies - categories

- Name of the breed/ Countries / Borders
- How it is described in DAD IS (geographical classification of each population, transboundary name, risk status in the countries)
- Type of management(s) within countries, between countries, conservation program, transboundary organisations and cooperation already existing,
- Genetic description of the populations and scientific references
- Market / non market services (ecosystem services)? and Cultural and other value : Highlight in example

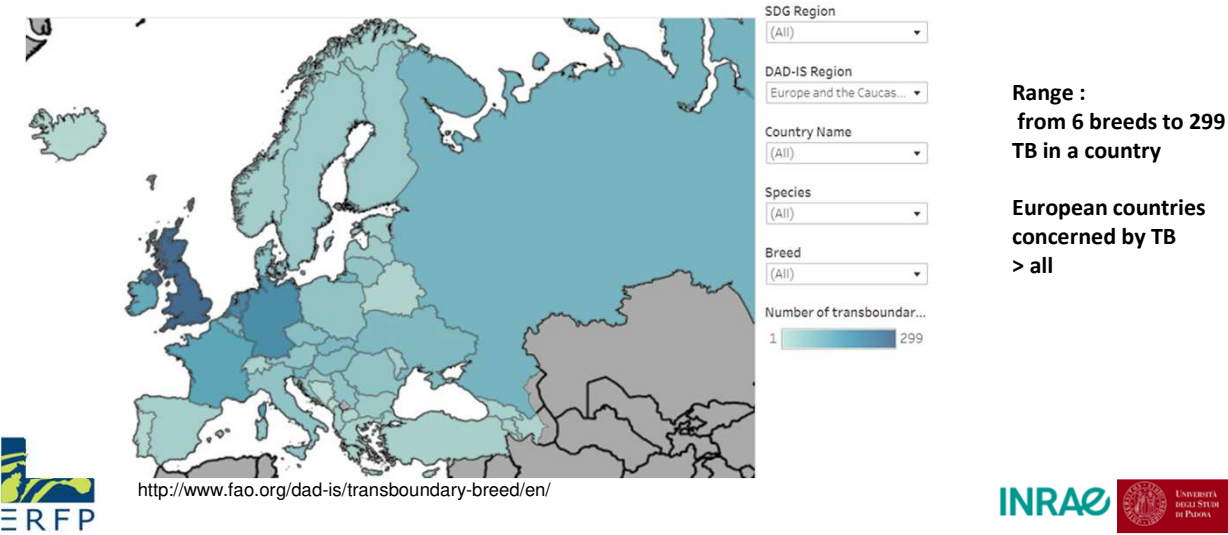


List of 19 cases studies, or more

Name of the breed	Countries	Proposed by	AHA Responsible				
Posavje Horse	Slovenia, Croatia	Danijela	Danijela (including NCs who are sharing the breed)	Grey Ukrainian		Natallia	Ewa
Istrian Pramenka	Slovenia, Croatia, Italy	Danijela	Danijela (including NCs who are sharing the breed)	Whiteheaded Ukrainian		Natallia	Ewa
Istrian Cattle	Slovenia, Croatia	Danijela	Danijela (including NCs who are sharing the breed)	Lebedyn cattle		Natallia	Ewa
Bovec Sheep	Slovenia, Austria, Germany	Danijela	Danijela (including NCs who are sharing the breed)	Manech (France)/Latxia (Spain)	France/Spain	Fernando	Fernando
Jezersko Solcava sheep	Slovenia, Austria	Danijela	Danijela (including NCs who are sharing the breed)	Brigasque (Sheep)	France/Italy	Coralie	Eléonore
Trakhener horses	Poland, Germany, Poland, Poland, Germany, Slovakia, Germany, Ukraine, Austria	Grazyna	Grazyna	Bleue Nord Cattle	France/Belgium	Coralie	Eléonore
Hutsul horses	Poland, Ukraine, Austria, Slovakia, Poland,	Grazyna	Grazyna	Dutch Draught Horse		Rita	Eléonore (will ask the help of Rita)
Brown Carpathian Cattle		Natallia	Ewa	Salers Cattle		Eléonore	Eléonore
				Red Dairy Breeds			Ewa
				Podolic cattle breeds			Srdjan
				Busa Cattle			Srdjan
				other...			



Transboundary breeds in European region (02/06/2021)

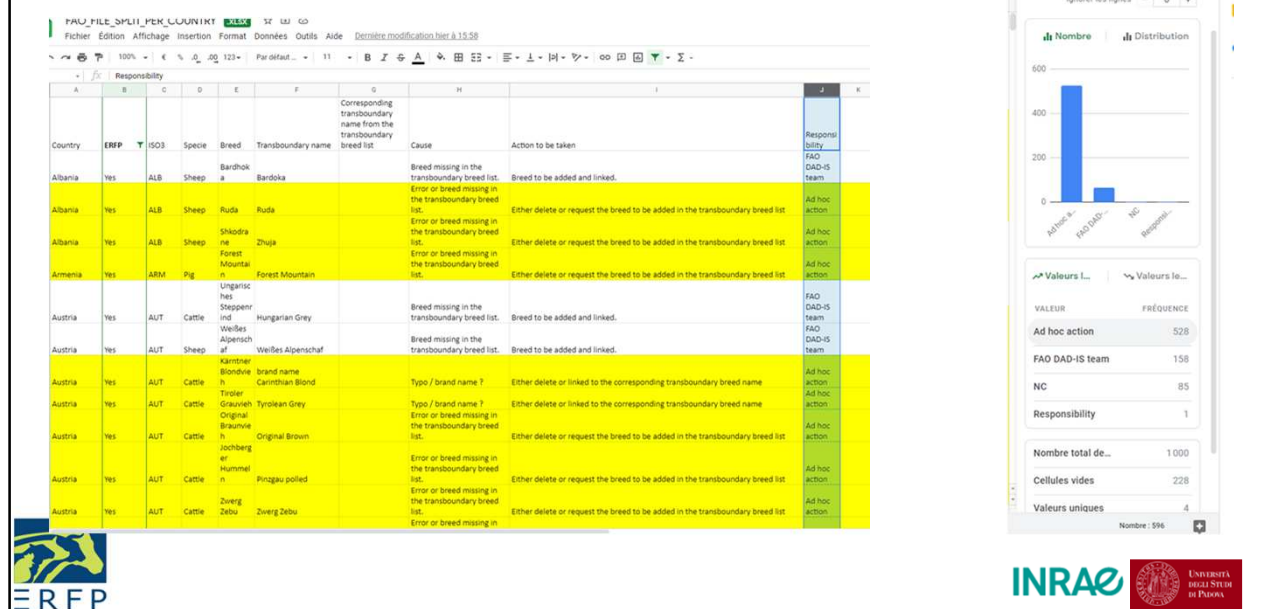


Transboundary breeds in DAD IS/EFABIS (Europe)

Count of Breed	Column Labels					
Row Labels	Exotic	Local Adapted	Locally adapted	Native (blank)		Grand Total
international	735	14	162	225	942	2078
local	531	47	171	1383	1656	3788
regional	164	12	34	151	327	688
Grand Total	1430	73	367	1759	2925	6554



Transboundary breeds in DAD IS/EFABIS



Transboundary breeds in DAD IS/EFABIS

- “group of breeds”/“common ancestry”
- Big work of Dimitrios and FAO to highlight problems in DAD IS :
 - “Error or breed missing in the transboundary breed list” –the members of the **AD HOC ACTION** to investigate with the respective NC in ERFP what was really meant.
 - “Industrial line” - add (or not) those industrial lines to the TBNL .
 - “Typo / brand name ?” –**AD HOC ACTION** to clarify the issues with the respective NC. If “brand name” was the purpose, it should be deleted and information on an existing brand can be provided on a voluntary base in one of the text fields to describe the breed by the NCs.
 - “Typo in the transboundary name” – in this case the NC obviously just made a typo when entering the name into the transboundary breed name field. We kindly ask the members of the **AD HOC ACTION** to liaise with the respective NC and ask him/her to delete the name and link to the respective name in the TBNL instead.
 - And the last cause is “Bison in Finland” a single case where the FAO DAD-IS team will investigate and suggest a solution that we might have to discuss with the Finnish NC directly.

Steps...

- Grid for helping the description has been developed
- Several example have been tested through this grid
- Next steps >
 - Contact countries linked with our cases studies to elaborate a good analyse
 - Analyse the gaps in term of examples : other cases studies
 - Enhancing the implementation of data in DAD IS/ Transboundary breeds > contact with each country
 - Writing one paper before summer
 - Preparing presentation at EAAP
 - Preparing training sessions for autumn
 - Propose modifications to help the implementation and utilisation of data in DAD IS
 - Guidelines



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