



# **WORKING GROUP EX SITU CONSERVATION MEETING OBJECTIVES AND THE REPORT OF ACTIVITIES 2024-2025**

Ewa Sosin

Chair of the WG Ex Situ Conservation

6-7th May 2025

# Agenda of the meeting

	6 <sup>th</sup> May Tuesday	
9:00 – 11:00	Joint meeting of all three WGs	Main Room
	<ul style="list-style-type: none"><li>• Welcome by the Greek hosts</li><li>• Presentation "Resalliance project"</li><li>• Transboundary breeds</li><li>• Global Plan of Action for AnGR</li><li>• Third Report On The State Of The World's Animal Genetic Resources</li></ul>	
11:00-11:30	Coffee break	Foyer

	Ex situ conservation WG only	Small Room
11:30-11:40	Welcome and Introduction Objectives of the meeting –	Chair
11:40-12:05	Round of introductions – ex situ news from countries	All together
12:05-12:20	The story of Kveik – a beer and a relic from early domestication	Nina Svartedal
12:20-12:35	Updating of the EUGENA status and recent activities	Chair
12:35-12:50	Obstacles and Efforts in Joining EUGENA- Countries’ Perspectives	All together
12:50-12:55	Short Report of AHA New EUGENA webpage tools	Zhivko Duchevev
12:55-13:00	Upcoming AHA Advances in semen cryopreservation in small ruminants	Jane Morrel
13:00-14:00	Lunch	Foyer

<b>14:00-14:10</b>	<b>Outcomes from the TF Software Database</b>	<b>Mira Schoon</b>
<b>14:10-14:30</b>	Outcomes of AHA Self-assessment tool of quality management for livestock gene banks	Delphine Duclos
<b>14:30-14:45</b>	Guidlines for the development of national animal health regulations for material intended to be kept in gene banks.	Fernando Tejerina
<b>14:45-15:00</b>	Ongoing Amendments in Polish Legislation Regarding Ex Situ Conservation of Animal Genetic Resources	Ewa Sosin
<b>15:00-15:20</b>	Discussion on regulations enhancing ex situ conservation	Fernando + All together
<b>15:20-15:35</b>	AHA - In situ/ex situ integration - Institutional Mechanisms for Acquiring Material for Genebanks	Ewa/Fernando
<b>15:35-15:50</b>	Institutional Mechanisms for Acquiring Material from rare breed bulls for the Polish NBBM	Ewa Sosin
<b>15:50-16:00</b>	Discussion	Ewa+All together
<b>16:00-16:30</b>	Coffee Break	Foyer
<b>16:30-17:00</b>	Discussion on Country Approaches to Ex Situ In Vivo and In Situ Conservation	All together
<b>17:00-17:45</b>	Discussion of the incorporation of ex situ – in vivo facilities to EUGENA	All together
<b>17:55-18:00</b>	Conclusions from 1. day of the meeting	Chair

	<b>7<sup>th</sup> May Wednesday</b>	
	Joint meeting ex situ/doc info	Main Room
<b>8:30-8:40</b>	Welcome and Introduction - Objectives of the joint meeting	Ewa Sosin Eleonore Charvolin
<b>8:40 – 9:00</b>	In situ and Ex situ conservation of Animal Genetic Resources - Hungarian regulations	Krisztina Liptoi Hajnalka Rozsár
<b>9:00-9:30</b>	Discussion - Ex situ in vivo or in situ – comparision of approaches	All together
<b>9:30-10:00</b>	Discussion - What can we do to improve Cryodata reporting in DAD-IS?	All together
<b>10:00-10:45</b>	Coffee break	Foyer

<b>10:45-10:55</b>	<b>TB introduction –</b>	<b>Eleonore Charvolin</b>
<b>10:55-11:15</b>	Ex situ Conservation of Transboundary Breeds: The Simmental Breed Example	Ewa Sosin/Jan Tomka
<b>11:15-12:00</b>	Discussion on TB ex situ conservation management	All together
<b>12:15-13:30</b>	Lunch	Foyer
	Joint meeting In situ/Ex situ	Main Room
<b>13:30-15:00</b>	Integration of in situ and ex situ conservation approaches (report of the current state of the Ad hoc action and input from the groups for the further work)	Holger/Ewa
<b>15:00-15:15</b>	The role of a Semen Collection Centre in the conservation of livestock genetic resources.	Georgios Kourousekos
<b>15:15-15:30</b>	Genomic characterization of native pig breeds in Germany (Oekosus)	Steffen Weigend
<b>15:30-15:45</b>	Raising public awareness of AnGR, particularly ex situ conservation efforts in Poland	Ewa Sosin
<b>15:45-16:00</b>	Discussion and conclusions from 2nd day of the meeting	All together

# Ex situ WG Workplan for 2024/2025

1. Disseminate and promote the **guidelines with recommendations to implement derogations** for the collection, processing, storage and use of germinal products intended to be kept in genebanks. (AHA Animal Health Regulation and Genebanks);
2. Promote the incorporation of the ex situ conservation activities in the breeding programs of breeders societies together with in situ conservation activities;
3. Development of EUGENA
4. Sharing knowledge and expertise in relation with ex situ conservation;
5. Support the implementation of a modern genebank documentation software (Task Force on documentation software for genebanks);
6. Support the utilization of Quality Management Systems in Genebanks;
7. Analyse the incorporation of ex situ – in vivo facilities to EUGENA, in collaboration with the in situ Conservation WG;
8. Spread information about ex situ conservation and EUGENA in collaboration with the Communication Strategy of the ERFP.

# Workplan of Ex situ WG Activities for 2024/2025 – ranking

	Netherlands	Serbia	Spain	Slovenia	France	Lithuania	Germany	Poland	Sum	
Disseminate and promote the <b>guidelines with recommendations to implement derogations</b> for the collection, processing, storage and use of germinal products intended to be kept in genebanks. (AHA Animal Health Regulation and Genebanks)	3	3	3	2	3	1	2	1	18	<b>1</b>
Promote the incorporation of <u>the ex situ conservation activities in the breeding programs</u> of breeders societies together with in situ conservation activities	1	7	2	3	1	3	1	3	21	<b>2</b>
Development of EUGENA	5	2	1	1	2	2	6	2	21	<b>2</b>
Sharing knowledge and expertise in relation with ex situ conservation	6	6	4	4	4	4	4	4	36	<b>4</b>
Support the implementation of a modern genebank documentation software (Task Force on documentation software for genebanks)	4	1	7	7	5	6	3	7	40	<b>5</b>
Support the utilization of Quality Management Systems in Genebanks	2	5	6	8	6	7	5	5	44	<b>6</b>
Analyse the incorporation of ex situ – in vivo facilities to EUGENA, in collaboration with the in situ Conservation WG	8	4	8	5	8	5	8	6	52	<b>7</b>
Spread information about ex situ conservation and EUGENA in collaboration with the Communication Strategy of the ERFP	7	8	5	6	7	8	7	8	56	<b>8</b>



### **3. ACTIVITIES IN THE LAST YEAR AND THE RESULTS.**

a) ERFPP General Assembly 2024 – Firenze, Italy (August 2024):

- Report on the WG activities.
- Approval of Workplan 2024-2025.

b) Development of EUGENA.

- 1 new country on board: Bulgaria.
- 13 new genebank on board (12 Spain, 1 Bulgaria)
- Update of information in the EUGENA webpage.
- 2nd SB EUGENA meeting in Balice, Poland May 2024
- EUGENA collaboration with EUROFAANG, GENOPHENIX

# **ACTIVITIES IN THE LAST YEAR AND THE RESULTS**

c) Development of the Task Force on documentation software for genebanks

d) Collaboration with the ERFP Secretariat in the dissemination of information and knowledge in the ERFP

e) Webpage and Social Media.

f) Participation in ERFP Steering Committee.

# AHA's

- Ad hoc action on specific measures for AnGR ex situ conservation in the framework of the animal health legislation. (AHA Animal Health Regulation Genebanks) - Fernando Tejerina – almost finished
- Development of the new tools for EUGENA – Zhivco Ducheve
- Quality Management Systems for genebanks - Delphine Duclos
- Advances in semen cryopreservation in small ruminants – Jane Morrell
- Integration of in situ and ex situ conservation approaches – Fernando & Holger & Ewa

# Workplan 2025/2026

- Any proposal?

1. Disseminate and promote the guidelines with recommendations to implement derogations for the collection, processing, storage and use of germinal products intended to be kept in genebanks. (AHA Animal Health Regulation and Genebanks);
2. Promote the incorporation of the ex situ conservation activities in the breeding programs of breeders societies together with in situ conservation activities;
3. Development of EUGENA
4. Sharing knowledge and expertise in relation with ex situ conservation;
5. Support the implementation of a modern genebank documentation software (Task Force on documentation software for genebanks);
6. Support the utilization of Quality Management Systems in Genebanks;
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8. Spread information about ex situ conservation and EUGENA in collaboration with the Communication Strategy of the ERFP.

# New AHA's?

- The use of genomic information in genebanks AnneMieke Rattink
- .....
- .....
- .....
- .....

**Thank you for your attention!**