



EUGENA

STEERING BOARD

REPORT 2025/2026

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ERFP GENERAL ASSEMBLY,

Hamburg – Germany,

5-6th September 2026

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New Gene Banks in EuGena

August 2025



August 2026



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EUGENA's - Basic statistics

- **2 new countries (Lithuania, Norway)**

- **5 new gene banks:**

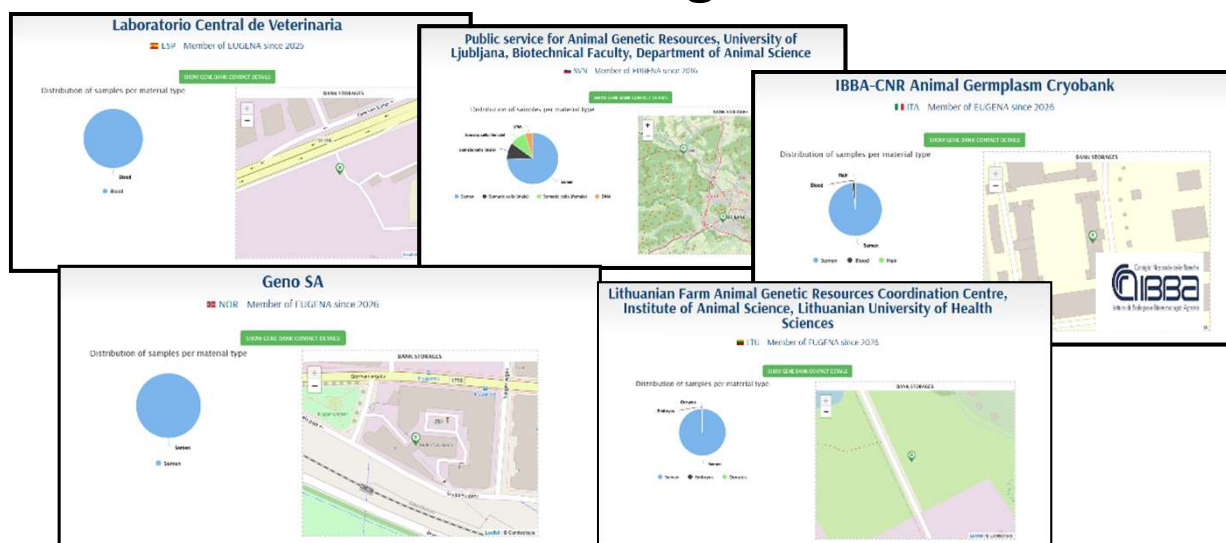
- from Spain – October 2025;
 - from Italy – February 2026;
 - from Slovenia – February 2026;
 - from Lithuania – June 2026;
 - from Norway – July 2026.

- **2 340 918 new samples**

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ES1

2025/2026 new gene banks

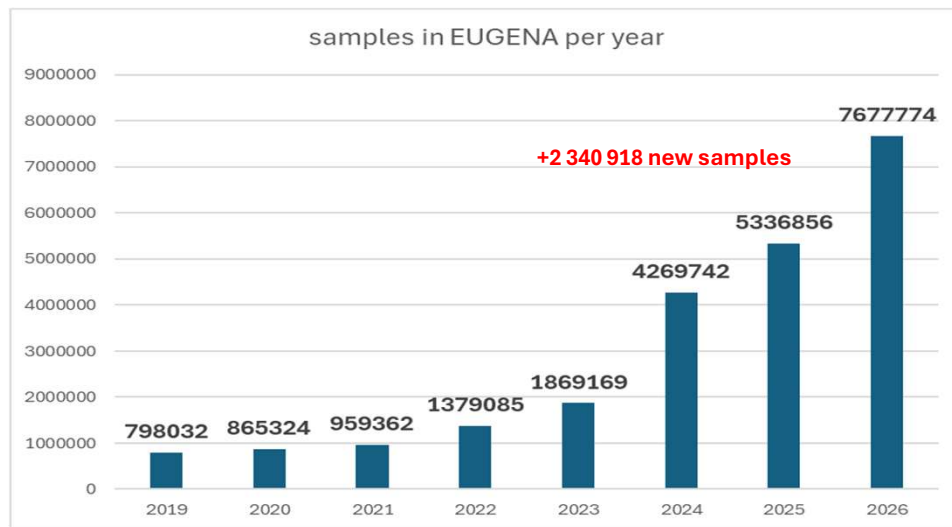


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Diapositive 4

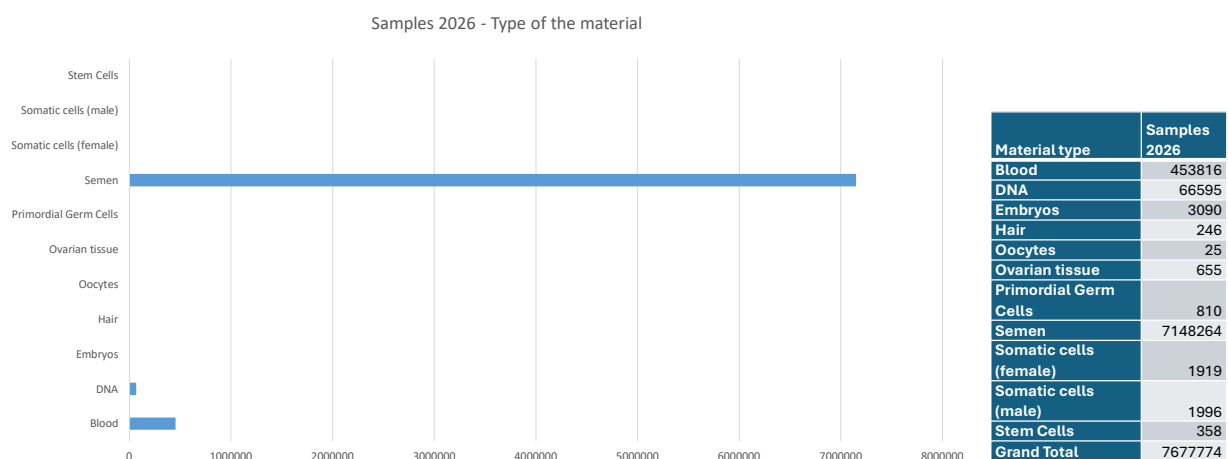
ES1 Dodać /litwę i Norway
Ewa Sosin; 2026-08-31T20:06:58.387

EUGENA's samples per year



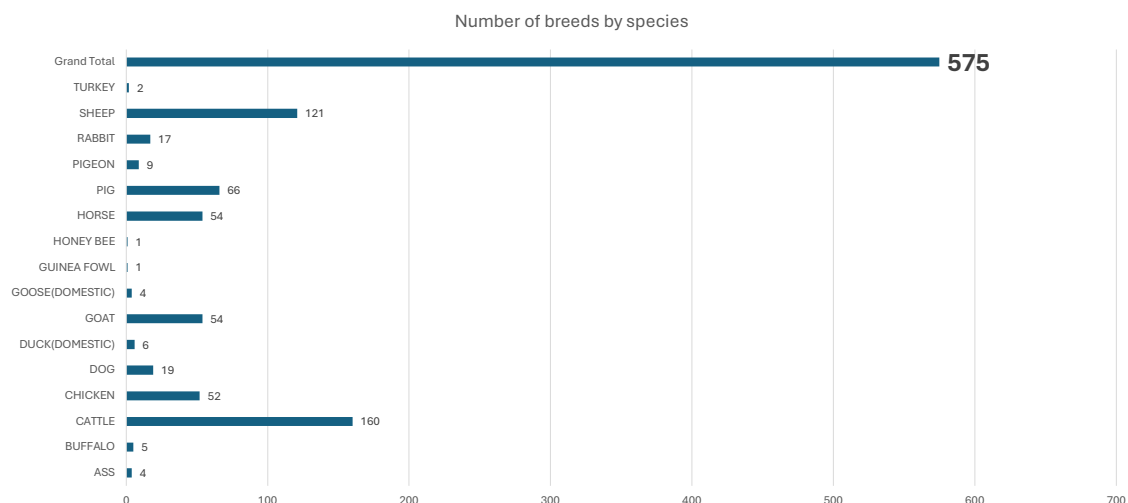
5

EUGENA samples –type of the material



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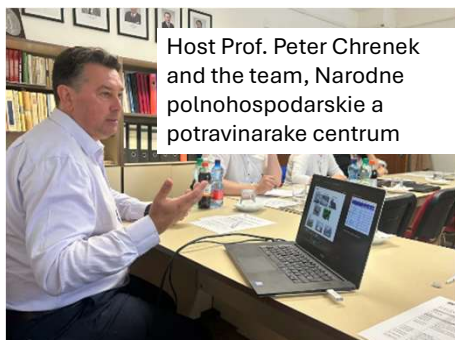
Material by species



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EUGENA SB Annual Meeting - Nitra, Slovakia



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EUGENA SB Annual Meeting - Nitra, Slovakia



Agenda of the EUGENA Steering Board meeting

10-11 June, Nitra, Slovakia - hybrid form

Host: Peter Chrenek, Národné poľnohospodárske a potravinárske centrum, Slovakia
Chair: Ewa Sosin, Poland



10 th June	SB Members Arrival	
17:00	Welcome and Introduction	Chair and Host
17:05-18:30	EUGENA SB Discussion about future projects	
19:00	Dinner	
11 th June	EUGENA STEERING BOARD MEETING	
9:00-9:05	Introduction	Chair and Host
9:05-9:25	Round of Introductions	All together
9:25-9:40	Slovakian Genebank	Peter Chrenek
9:40-10:10	Using stem cells for AnGR conservation in Slovakia	Jaroslav Vasicok
10:10-10:30	Updating of the EUGENA status	Chair
10:30-11:15	New genebanks presentation	Zhivko Ducheve - IASRI (EASRAB) Dangela Bojkovski - JSCBŽ Federica Turri - IBGA
11:15-11:45	Genomic Databases for Genebanks	Anemoko Ratnik
11:45-12:00	Coffee Break	

Updating the status of EUGENA

News from EUGENA genebanks and presentation of new genebanks

Ex situ in vivo genebanks in EUGENA

better harmonisation of genebanks standards and procedures – result of Quality management questionnaire

12:00-13:00	Visit to Laboratories, Genebanks: in vitro and in vivo, AI center	
13:00-15:00	Lunch	
15:00-16:00	Ex situ in vivo definition and work on new – "Terms of EUGENA"	Zhivko Ducheve
16:40-17:00	Genebank Quality Questionnaire Results and Discussion	Chair + All together
17:00-17:10	Summary and closure	

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First results of QMG Survey of EUGENA gene banks

September 2026

COLLABORATE INNOVATE CONSERVE SUSTAIN

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EUGENA genebank management

Self-assessment survey



Purpose

Support periodic assessment of genebank management practices across the EUGENA network and further harmonize procedures among participating institutions.

genebanks completed

50%

Participation so far

16 / 32

1 Method

IMAGE
self-diagnostic
tool



2 Coverage

**More genebanks
needed for
comprehensive
analysis**

3 Cycle

**Assessment
conducted every two
years – next round in
2028**

4 Rules

**Voluntary and
anonymous
participation**

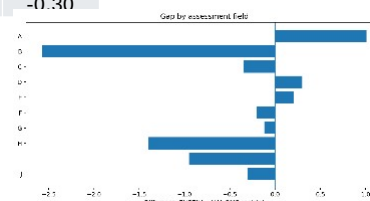
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Comparison of EUGENA Genebanks (n=16) with AHA QMG gene banks (n=10)



Field	EUGENA avg	AHA QMG avg	Max	EUGENA % max	Gap
A - General Bank Management	8.31	7.3	12	69.2%	+1.01
B - General Quality Management	8.13	10.7	16	50.8%	-2.57
C - Gene bank equipment	4.75	5.1	6	79.2%	-0.35
D - Gene bank personnel	6.50	6.2	8	81.2%	+0.30
E - Genetic material database	5.31	5.1	6	88.5%	+0.21
F - Genetic material acquisition	1.50	1.7	2	75.0%	-0.20
G - Material collection	5.88	6.0	6	98.0%	-0.12
H - Introduction of previously processed material	4.50	5.9	8	56.2%	-1.40
I - Material storage	4.75	5.7	6	79.2%	-0.95
J - Material distribution	3.00	3.3	4	75.0%	-0.30



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B- General quality management



7. Has the gene bank established a Quality Management System?
8. Does the quality assurance involve a) formal certification or b) internal guidelines?
9. Has the gene bank established a formal quality policy?
10. Has the gene bank identified a specific employee to serve as the Quality Manager?
11. Have the key processes for the gene bank's operations been identified?
12. Are standard operating procedures documented for all key processes?
13. Does the gene bank maintain a collection of relevant regulatory texts or references?
14. Does the gene bank have an up-to-date system for management of its quality system documentation?

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Key findings

- Material collection is nearly at the maximum score (5.88/6; 98.0%)
- Database management (88.5%) and equipment (79.2%) are also comparatively strong.
- General Bank Management is the clearest area where EUGENA exceeds the AHA QMG benchmark.
- General Quality Management is the most significant weakness relative to both the maximum score and the AHA genebanks: 8.13/16 (50.8%) versus 10.7/16 (66.9%) for AHA QMG.

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2026 – Meetings connected with EUGENA

Questions from Nordic Countries....

1. Why EUGENA? – What it is and why it matters?
2. What are benefits for countries that join?
3. How to become a member? – the steps involved
4. The status of official gene bank is required – how to become an official gene bank – which national authority grants recognition and what the process looks like.
5. Membership requirements – including any physical criteria (7), long term conservation standards, and whether if cryoconservation is performed by commercial companies, can that be qualify as gene bank activity?
6. What types of data is stored within EUGENA?
7. Short summary of the European strategy and the Polish National Strategy updating process.

- NordGen – February 10th 2026 – online



- Online meeting with Michele Tixier-Boichard
- Still some genbanks can become the observers in the GenoPhenix
- Upcoming meeting with members of the UK Genetics, Livestock and Equines (UKGLE) Committee in the United Kingdom, 14–15 September 2026.

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Next:

- Developing EUGENA - enrolling new countries and genebanks
- Developing EUGENA – ex situ in vivo facilities
- Evaluation of EUGENA genebanks management – using IMAGE tool QMG – 2 more new genebanks
- Recommendations/Quick guide about quality of EUGENA SB for the network genebanks regarding genebanks quality management
- Paper about EUGENA in GenRes Journal
- Discussion about future projects of EUGENA's genebanks
- 2027 next EUGENA Steering Board meeting is planned in Gödöllő, Hungary and it can be connected with AHA – poultry cryoconservation technics

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