





European Regional Focal Point for Animal Genetic Resources




# UPDATING OF THE EUGENA STATUS AND EUGENA STEERING BOARD MEETING CONCLUSIONS

22<sup>TH</sup> May 2023.


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## 1. EUGENA STATUS

JUNE 2022





12 Countries  
12 Gene Banks  
1369830 Samples

APRIL 2023



13 Countries  
13 Gene Banks  
1719129 Samples

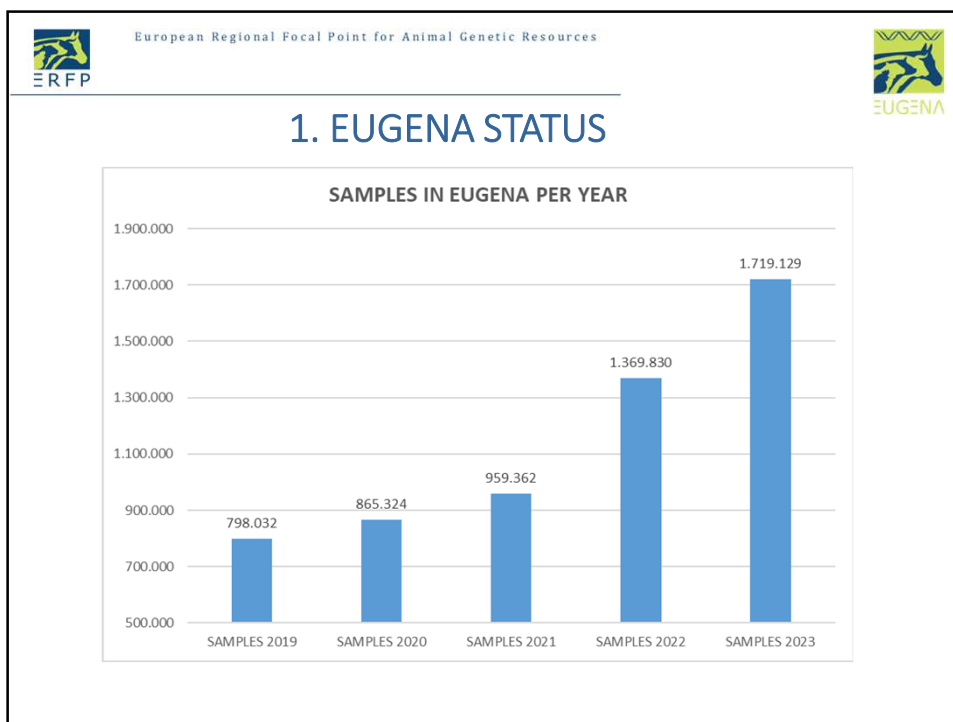
**+ 1 COUNTRY:** 

**+ 2 genebank:** 

- National Centre for Biodiversity and Gene Conservation (Hungary).
- Institute for Animal Husbandry (Serbia), not updated yet.

**+ 349.299 SAMPLES, + 42 BREEDS + 3 SPECIES (New genebank + information update).**  
**+142.004 from Austria and + 1.199 from Serbia not updated yet.**

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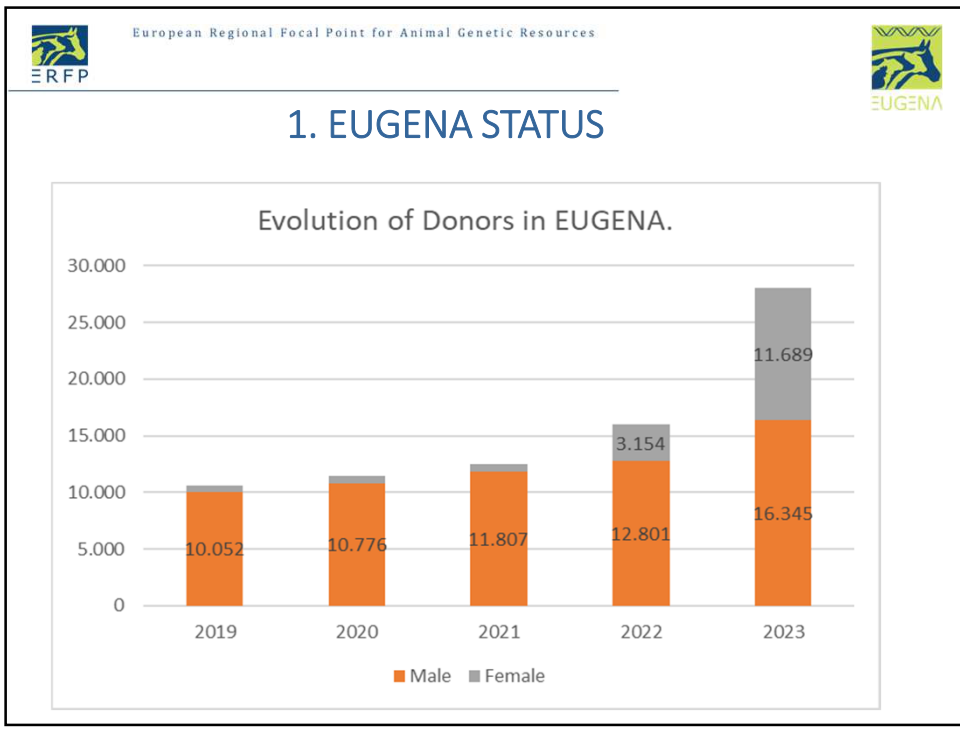
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MATERIAL TYPE	SAMPLES 2020	SAMPLES 2021	SAMPLES 2022	SAMPLES 2023
Blood	1.397	1.673	3.291	10.606
DNA	0	24	1.109	3.811
Embryos	590	844	967	979
Hair	48	218	218	218
Ovarian tissue				213
Primordial germ cells				540
Steam cells	0	0	328	339
Semen	863.289	956.603	1.363.917	1.702.423
<b>Total</b>	<b>865.324</b>	<b>959.362</b>	<b>1.369.830</b>	<b>1.719.129</b>

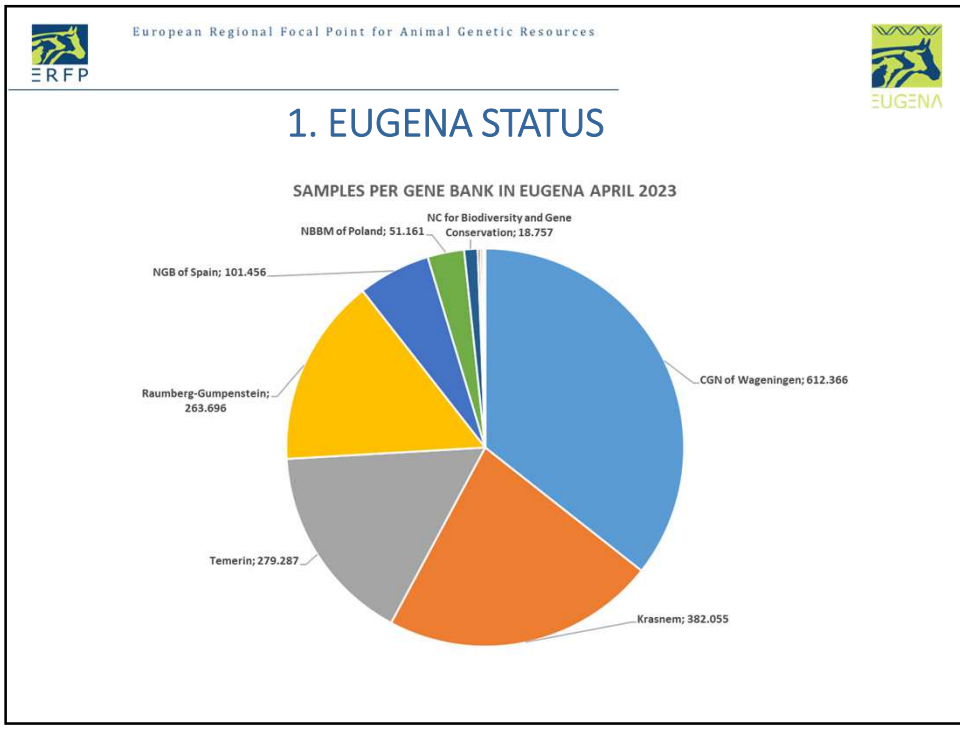
  

MATERIAL TYPE 2023	MALE DONOR	FEMALE DONOR
Blood	1.617	8.298
DNA	611	3.200
Embryos	67	140
Hair	165	45
Ovarian tissue	0	104
Primordial germ cells	387	153
Steam cells	1	6
Semen	13.884	0
<b>Maximum</b>	<b>16.345</b>	<b>11.689</b>

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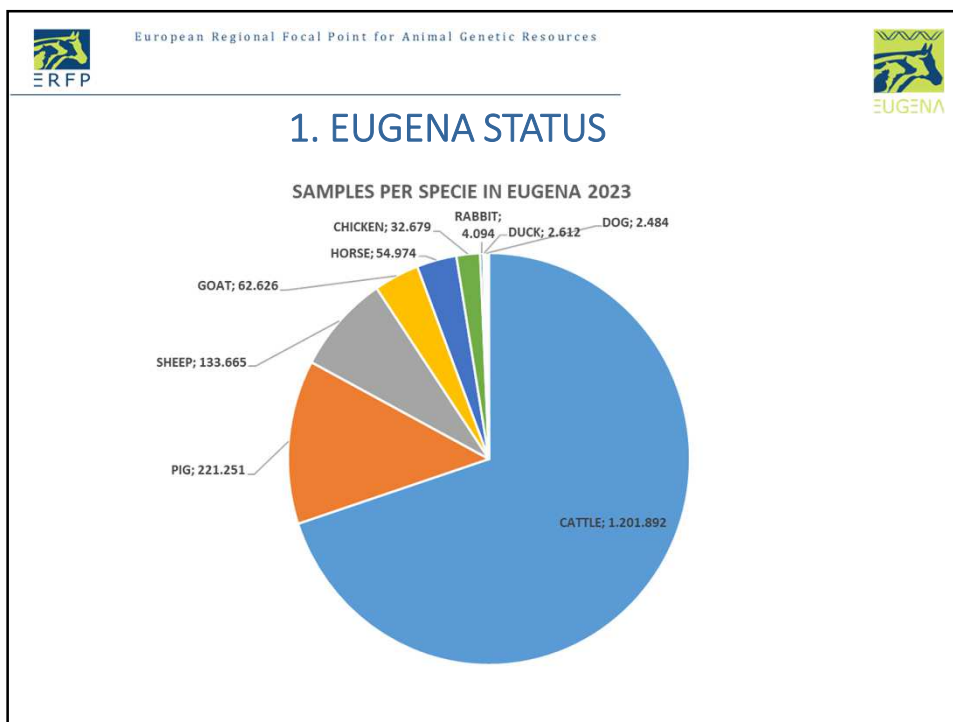
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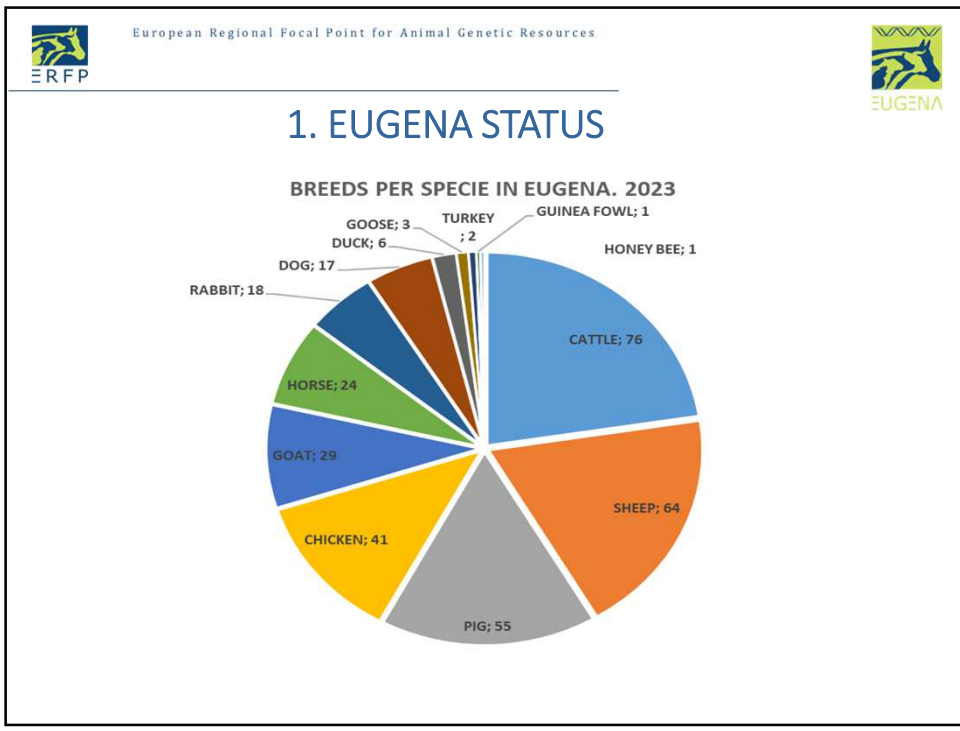
## 1. EUGENA STATUS

GENEBANK	SPECIES	BREEDS	% REPRODUCTIVE MATERIAL	MALE DONORS	FEMALE DONORS	FIRST YEAR OF COLLECTION	LAST YEAR OF COLLECTION
CGN of Wageningen.	10	160	99	10.160	13	1966	2022
Krasnem	1	8	100	314	0	1981	2022
Raumberg-Gumpenstein	4	34	100	749	0	1997	2023
NGB of Spain	5	61	100	1.373	82	1977	2022
NBBM of Poland	2	10	100	227	44	2002	2021
NC for Biodiversity and Gene Conservation	10	31	54	3.439	7.410	2002	2022
Nitra	4	13	94	42	7	1999	2021
Latvia U. of Life Science and Technologies	5	6	29	222	2.185	2008	2022
Temerin	1	3	100	33	0	1986	2018
Krnjaca-Belgrade	1	4	100	12	0	1987	2018
University of Montenegro	3	8	0	25	543	2008	2018
University of Belgrado	3	14	0	128	1.662	2018	2022
Velika Plana	1	1	100	8	0	1996	2010

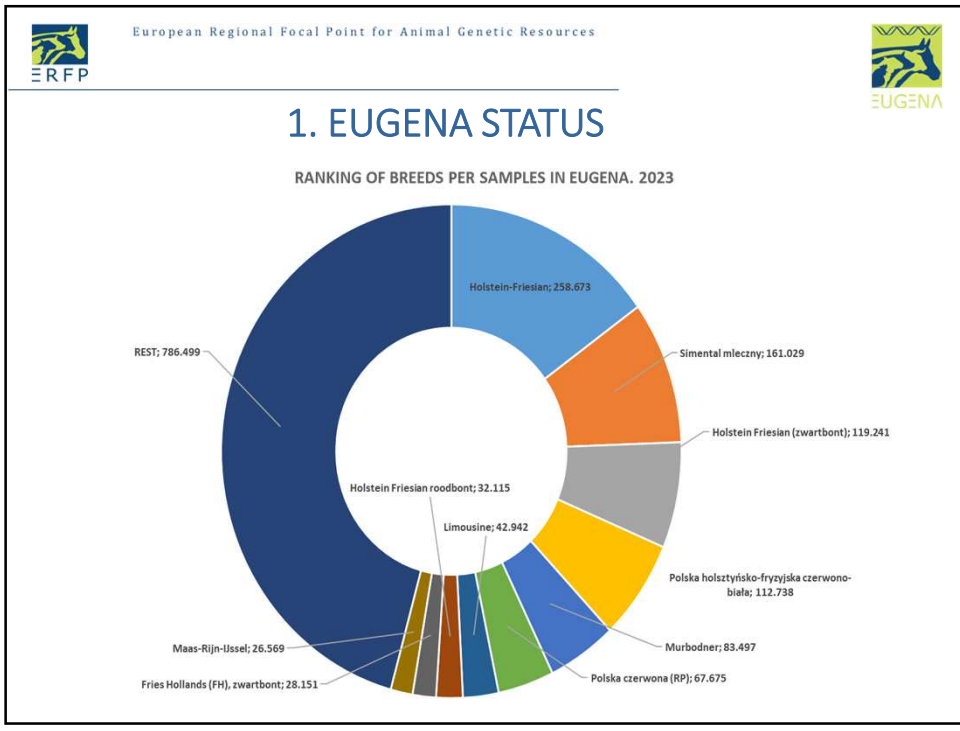
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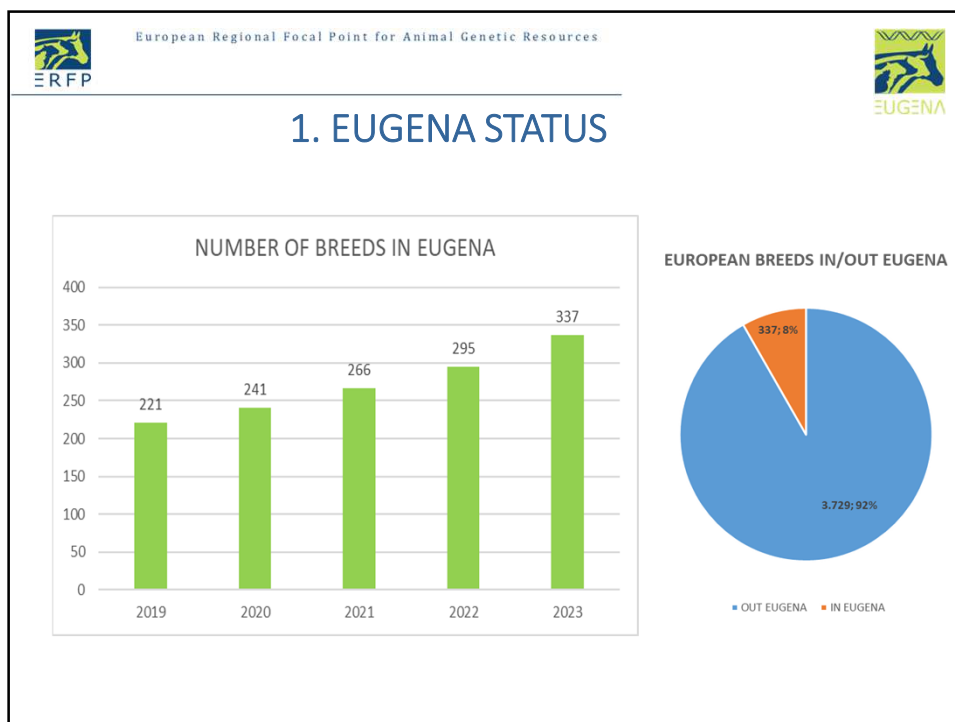
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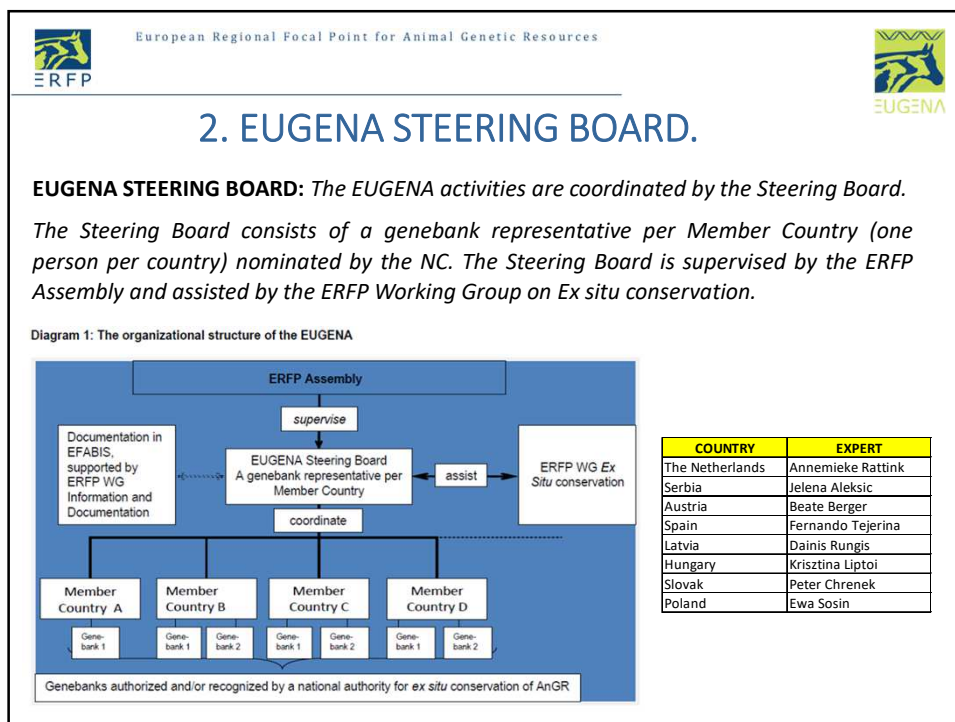
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## 2. EUGENA STEERING BOARD.

**EUGENA STEERING BOARD MEETING: 20<sup>TH</sup> APRIL 2023. VIDEOCONFERENCE**

**MAIN CONCLUSIONS:**

- Enlarge the net:
  - EUGENA members should work actively to encourage other genebanks to enrol the net, at national and european level.
  - The incorporation to the net of **Ex situ – In vivo facilities** is proposed. Further discussion with the In Situ Conservation WG. Analyse implications for EUGENA web page and EUGENA ToR.
- Promote EUGENA at national and European levels with the objective to increase awareness about our activities and the role of genebanks in the proper conservation of AnGR.
- Networking between genebanks and countries, with special interest, in:
  - Quality Management Systems – Best practices in genebanks.
  - Develop of MTA/MAA.
  - Animal health issues, the members of the steering board will be report about the proposed guidelines from the AHA Animal Health Legislation-Gene banks
  - Better integration between in situ and ex situ conservation activities, breeder societies are a key actors.
- EUGENA web page:
  - The 31st March as deadline for the annual updates.
  - Information about the implementation of QMS is going to be added to the EUGENA web page.
  - The addition of new information about the animal health status was discussed, but a deep analyses must be developed
- Next meeting: all members agree in propose a physical meeting next year and ask for funds to ERFP to organize it.

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# THANK YOU

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