





European Regional Focal Point for Animal Genetic Resources




EUGENA STEERING BOARD MEETING: OBJECTIVES AND EUGENA SITUATION.

20ST April 2023.


Fernando Tejerina Ampudia, PhD. Chair of the WG Ex Situ Conservation.

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1. WELCOME AND INTRODUCTION.


CHAIR: FERNANDO TEJERINA.

<i>EUGENA Steering Board Meeting</i>		
9:30-9:40	Welcome and Introduction	Chair
	Objectives of the meeting – Round of introductions.	
9:40-10:00	Updating of the EUGENA status and activities of the Ex – Situ Conservation WG.	Chair
10:00-10:20	Eugena Webpage tools.	Zhivko Ducheve
10:20-10:30	Austria genebank in EUGENA	Beate Berger
10:30-10:40	Hungary genebank in EUGENA	Krisztina Liptoi
10:40-10:50	Latvia genebank in EUGENA	Dainis Rungis
10:50-11:00	Poland genebanks in EUGENA	Ewa Sossin
11:00-11:10	Serbia genebanks in EUGENA	Jelena Aleksic
11:10-11:20	Slovakia genebank in EUGENA	Peter Chrenek
11:20-11:30	Spain genebank in EUGENA	Fernando Tejerina
11:30-11:40	The Netherlands genebank in EUGENA	Annemieke Rattink
11:40-12:00	Discussion about the development of EUGENA and EUGENA web page	All together
12:00-12:05	AOB - Conclusions	All together

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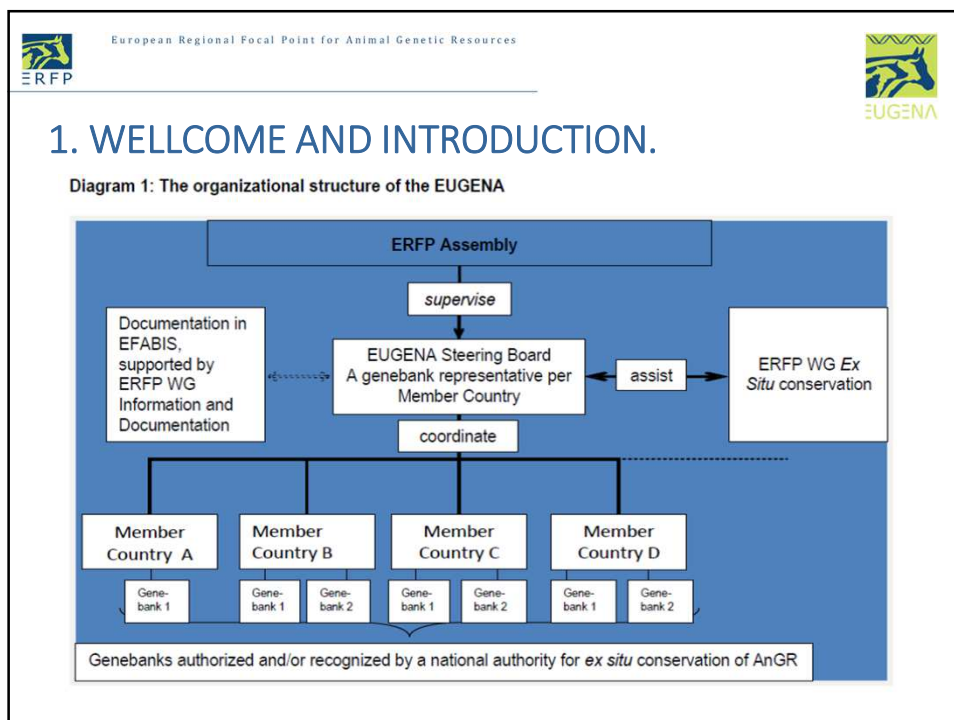
1. WELCOME AND INTRODUCTION.

EUGENA: is a network of nationally recognized Member Genebanks in European countries with the aim to support the medium/long term ex situ conservation and sustainable use of AnGR. EUGENA will support the ex situ conservation and sustainable use of AnGR and facilitate the implementation of the UN's SDG, FAO's GPA and the Nagoya Protocol for ABS in the European Region and the application of the new animal health Regulation 2020/686 in EU countries. EUGENA is governed by ERFP and is working on the basis of Terms of Reference (ToR), as agreed by the General Assembly of ERFP.


EUGENA STEERING BOARD: *The EUGENA activities are coordinated by the Steering Board.*

The Steering Board consists of a genebank representative per Member Country (one person per country) nominated by the NC. The Steering Board is supervised by the ERFP Assembly and assisted by the ERFP Working Group on Ex situ conservation.


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2. OBJECTIVES OF THE MEETING

- ✓ Report on the EUGENA status and inform about other activities of the Ex – Situ Conservation WG.
- ✓ Inform about the tools of the EUGENA web page.
- ✓ Knowing better each other – team building.




- ✓ Discuss on the further steps to develop EUGENA and EUGENA web page.

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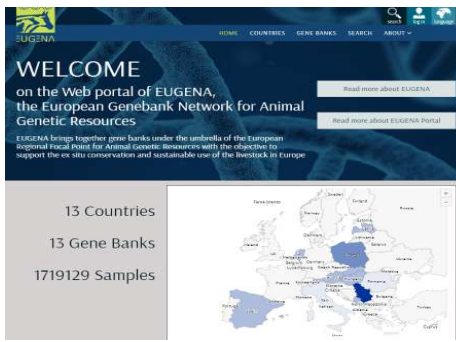


3. EUGENA STATUS

JUNE 2022



APRIL 2023



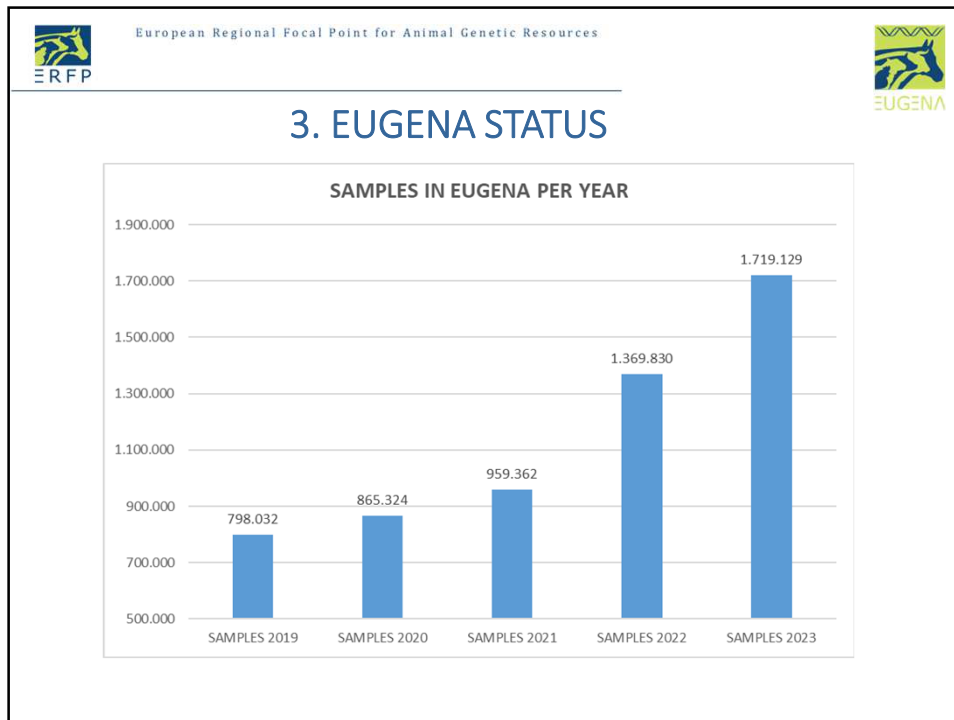
+ 1 COUNTRY:

+ 1 genebank:

- National Centre for Biodiversity and Gene Conservation (Hungary).

+ 349.299 SAMPLES, + 42 BREEDS + 3 SPECIES (New genebank + information update).

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ERFP

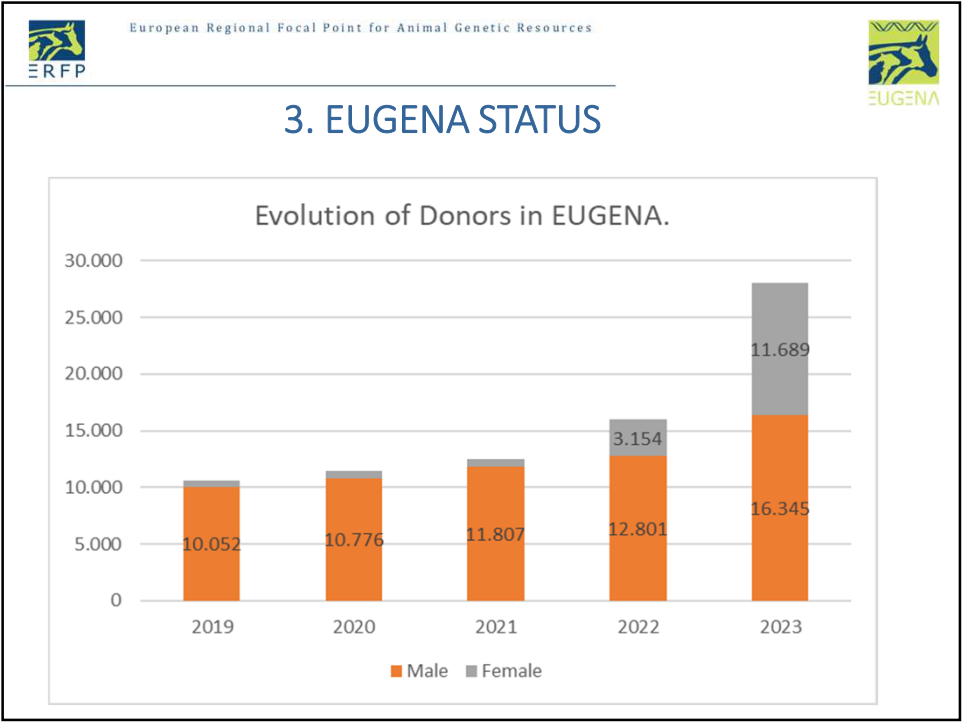
EUGENA

3. EUGENA STATUS

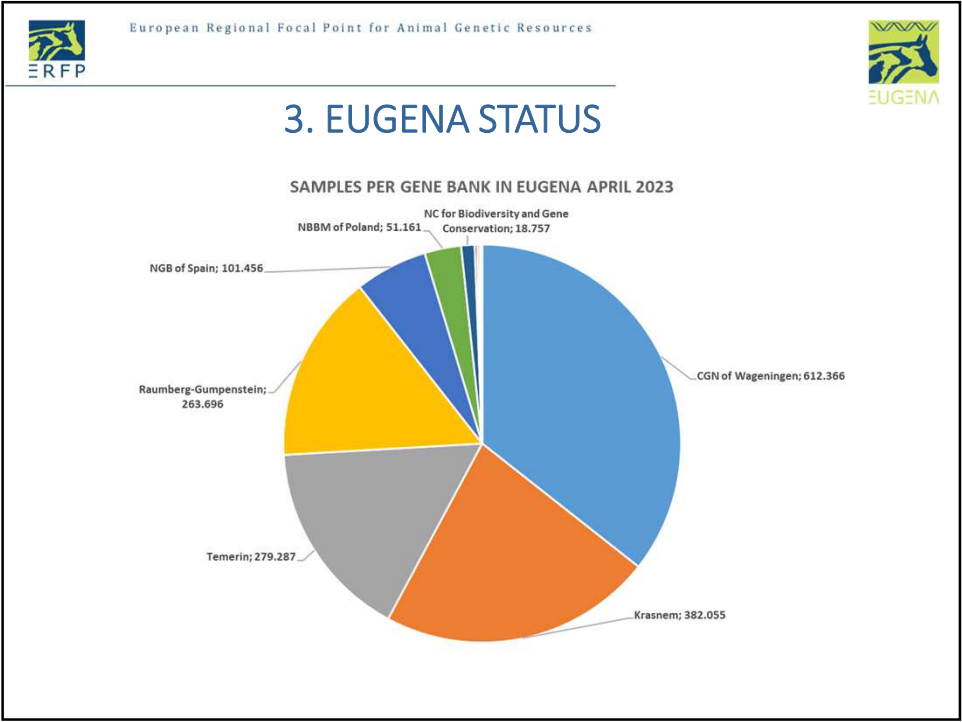
MATERIAL TYPE	SAMPLES 2020	SAMPLES 2021	SAMPLES 2022	SAMPLES 2023
Blood	1.397	1.673	3.291	10.606
DNA	0	24	1.109	3.811
Embryos	590	844	967	979
Hair	48	218	218	218
Ovarian tissue				213
Primordial germ cells				540
Stem cells	0	0	328	339
Semen	863.289	956.603	1.363.917	1.702.423
Total	865.324	959.362	1.369.830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

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
Stem cells	1	6
Semen	13.884	0
Maximum	16.345	11.689


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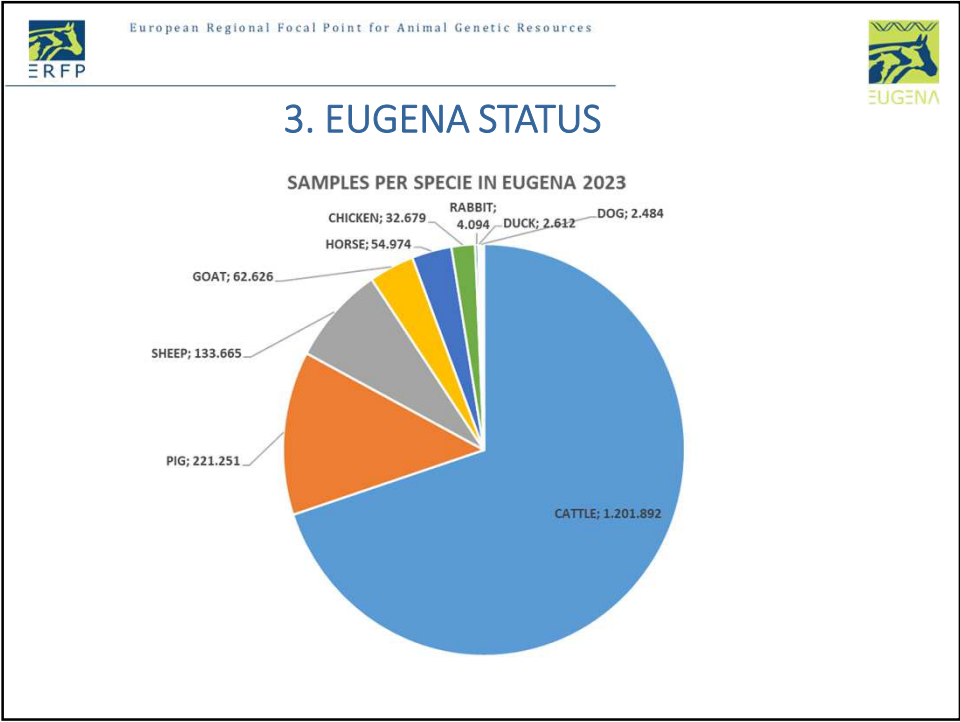


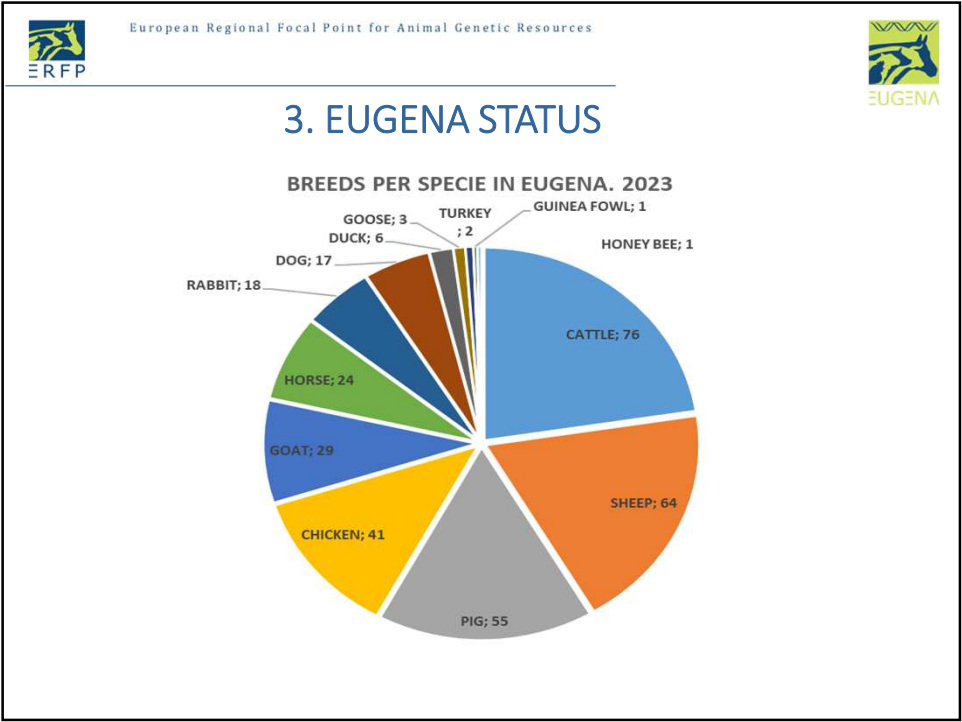
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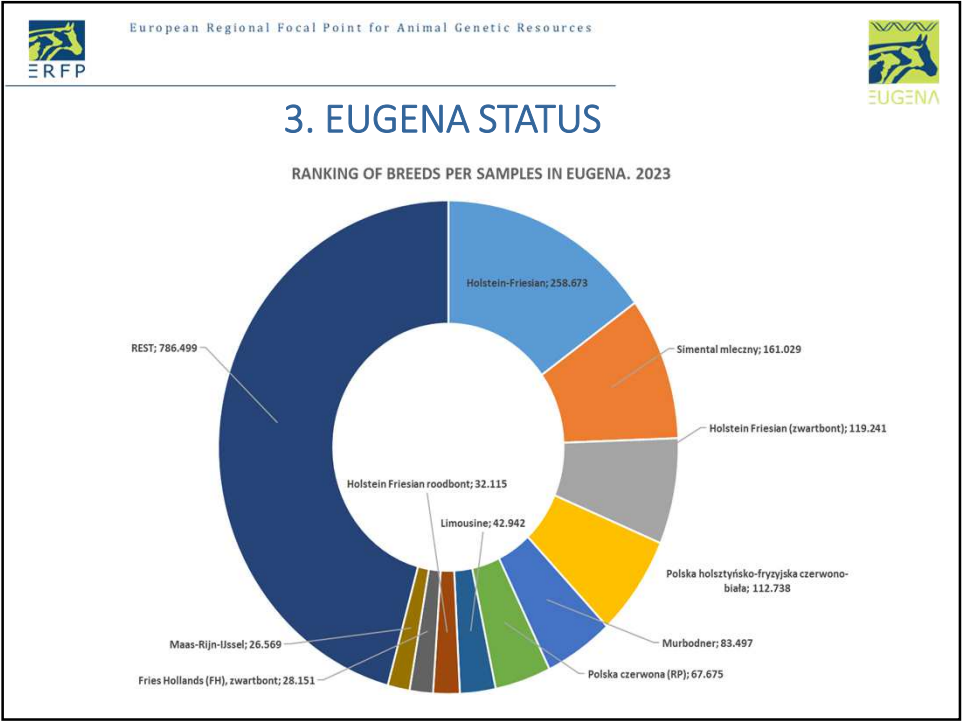
3. EUGENA STATUS

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

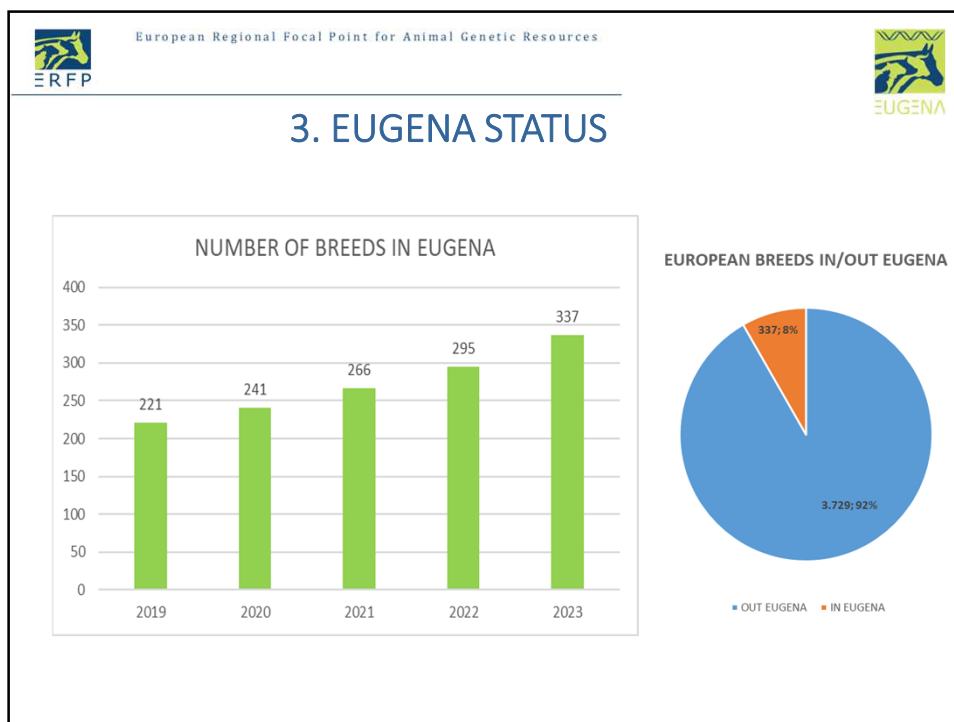




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ERFP

EUGENA

4. OTHER ACTIVITIES OF THE ERFP EX SITU CONSERVATION WG.

- **AHA Strengthening national capacities towards the development of a national Gene Bank strategy.**
 - Objective: Assess current situation, needs and barriers and define solutions and priorities to support national efforts towards the development of a national cryo-conservation strategy.
 - Output: Guidelines on practical recommendations for the development of ex situ conservation animal genetic resources genebanks.
- **AHA on specific measures for AnGR ex situ conservation in the framework of the animal health legislation.**
 - Objective: The incorporation to the national animal health legal framework exceptions for the collection, transformation and storage of germinal products intended to be kept in a genebank.
 - Proposed output: Guidelines with recommendations for the incorporation to the national animal health legal framework exceptions for the collection, transformation and storage of germinal products intended to be kept in a genebank.

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4. OTHER ACTIVITIES OF THE ERFP EX SITU CONSERVATION WG.

▪ Task Force on documentation software for genebanks.

○ Objectives:

- Identify new providers of databases for genebanks in the countries members of the TF.
- Analyze in deep the economic and technical offers collected previously, to select a technological solution and the provider of it.
- Collaborate in the implementation of the solution, establishing common requirements for the provider and support each other in the process of migration to the new software.
- Analyze the operation of the solution implemented, guarantee the maintenance of the system and propose new tools and solutions for future developments.
- Transform the TF in permanent for the further maintenance and development of the solution selected and promote the incorporation of new countries.

○ Outputs:

- Genebank documentation database requirements.
- Recommendation of Biolomics as the most suitable solution for genebanks.