Task Force on documentation software for genebanks



Meeting of the Ex situ Conservation Working Group 22 May 2023, Toledo, Spain

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Background TF

- Proper documentation is essential for the management of the gene banks collections
- Minimum amount of uniform data should be present everywhere
- Countries are using various software solutions
- With the development of the collections the requirements towards the information management are increasing
- Several gene banks expressed the need to develop/purchase a new/modern documentation software for their collections
- Establishment of ERFP Task Force to define the requirements and explore various software solutions (develop or purchase)

Gene bank data

Current national/local databases



- CryoWeb users
- National database solutions
- Excel datasheets
- Genomic/phenotypic data

Modern database solution for national genebanks



EFABIS /EUGENA /IMAGE Portal



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TF Members

- Zhivko Duchev ERFP (TF Co-chair).
- S.J. Hiemstra The Netherlands (TF Co-chair)
- Ina Hulsegge The Netherlands
- Annemieke Rattink The Netherlands
- Danijela Bojkovski Slovenia
- Tina Flisar Slovenia
- Manuel Leuenberger Switzerland
- Melissa Raemy Switzerland
- Sonsoles Zabala Spain
- Fernando Tejerina Spain (TF Co-Chair)

Objectives of TF

- Define common requirements for the new software/provider
- Identify providers of databases for gene banks
- Analyze the collected offers
- Select a technological solution and provider
- Take advantage of the number of gene banks interested
 - negotiation of the prices
 - conditions of development/purchase.

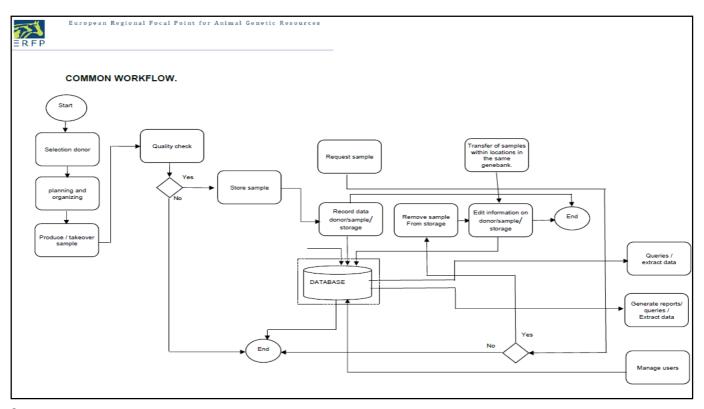
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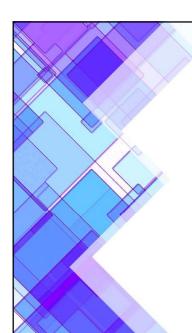
Objectives (2)

- Support each other in the process of migration to the new software
- Guarantee the maintenance of the system
- Propose new tools and solutions for future developments
- Transform the TF into a permanent structure
 - further maintenance and development of the solution selected
 - promote the incorporation of new ERFP member countries to the TF and in the use of the software solution.

TF activities/achievements in past year

- Meeting of the TF 02 June 2022 in Paris
 - User experiences with Labcollector and Biolomics
- Identify all common requirements and workflow elements
- Develop "user stories" (genebank manager, administrator, user/breeder)
 - Reports and queries
- Look for other possible providers
- Presentations by selected providers
- TF members indicated Biolomics as the preferred software solution
- Clear the administrative procedures at national level
- Individual countries decision to purchase license (or not)
- Migrate to the new software





Important decision

Most realistic option is to purchase existing software and customize it to the needs of the partners, BUT.....



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Presentation continued by Annemieke Rattink, CGN, the Netherlands