
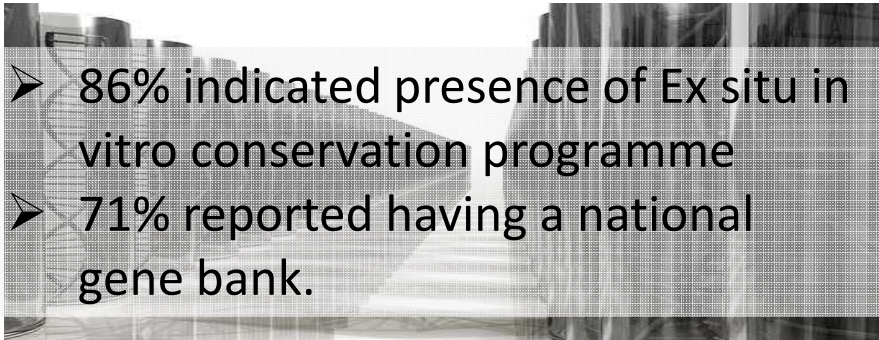
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# Ad hoc action: Development of specifications for a modern gene bank documentation software (CryoWEB 2.0)

Madrid, 21-23 May 2019


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35 respondents from Europe and the Caucasus in  
the country reports for the 2nd edition of the State  
of the World's Animal Genetic Resources for Food  
and Agriculture



- 86% indicated presence of Ex situ in vitro conservation programme
- 71% reported having a national gene bank.


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The national gene bank setup and management in the various countries is very diverse, ranging from:

- a single gene bank managed by one institution
- ....
- ....
- federation of genebanks each responsible for separate species, or separate regions of the country.


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The documentation of the gene banks inventories is quite disparate as type of software used

- Specialized software
  - CryoWEB
  - In house built
- General database software (MS Access)
- Spreadsheets , e.g. Excel (49% of germplasm collections according IMAGE survey report)

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The aim of this Ad hoc action is to:


- 1. Review the current status of documentation of the national gene banks across Europe*
- 2. Identify the information needs of the various countries in this regard*
- 3. Prepare functional specifications for an up-to-date documentation software.*

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Stage 1: (Month 1-2) Preparation of a questionnaire for the countries.




The group will prepare a questionnaire, consisting of 3 parts:

1. The setup of the national gene bank and the collected information
2. The functionality the currently used software
3. Needed features, not present in the currently used software

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### Stage 2: (Month 3-6) Collecting and summarizing the responses.




In Month 6 a one day meeting of the ad hoc team with external experts (e.g. EMBRAPA) will be organized in order to discuss the results of the questionnaire and exchange experience aiming for preparation of functional specifications for modern gene bank software

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### Stage 3: (Month 7-8) Preparation of functional specifications for gene bank documentation software.



Based on the results of the questionnaire and the outcomes of the meeting, the team will prepare a document, containing the common functional specifications of up-to-date uniform gene bank documentation software.

The document will be presented to the Ex situ WG

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