



EUROGENEBANK

Project Proposal

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**ECPGR Documentation and Information Network Coordinating
Group meeting
17-18 February 2010, Maccarese, Italy**

Content of presentation



1. Introductory remarks
2. Some principles
3. Some fact and figures
4. Agreed Work Packages' titles + leaders
5. Relevant EUROGENEBANK Project activities/tasks
6. Remarks

EUROGENEBANK Project



- **Topic** on an integrated European genebank was included in FP7 Work Programme 2010 Call on “Research Infrastructures” – Support to existing research infrastructures – Integrating Activities
- **Type of funding scheme:** Combination of Collaborative Projects and Coordination and support Actions for Integrating Activities
- Bioversity (i.e. **ECPGR Secretariat**) coordinated the development of project proposal
- Important role of **Work Package leaders**
- Two face to face **meetings**
- **Proposal** “*Integrated research infrastructure for rational ex situ conservation and use of European PGRFA*” was submitted on 3 December 2009

EUROGENEBANK Project



Some principles

1. Decided to place EUROGENEBANK Project squarely within AEGIS framework
2. Include key aspects agreed upon by ECPGR SC (i.e. Strategic Framework – Policy Guide)
3. Build on strength and existing capacity/infrastructure
4. Create Project as “independent” entity, but manage interface with wider community as well
5. Make Project outputs available to all European genebanks (importance of capacity building!)

EUROGENEBANK Project



6. We are not sure that it will be funded! →
Let us continue implementation process and when additional money gets available the process will be faster!

Some fact and figures

- **ECPGR Secretariat** to coordinate implementation (if..)
- 32 formal **participating organizations** (i.e. partners) in 19 countries
- Total requested **budget**: € 8,683,685
- More then 1060 **person months**

EUROGENEBANK Project



- Project **duration**: 4 years
- **Type** of Work Packages:
 - 1 management;
 - 6 networking;
 - 1 transnational access and service rendering;
 - 3 joint research
- 79 **deliverables!**
- 85 **milestones!**
- 11 **Work Packages**; 8 WP lead organizations:

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EUROGENEBANK: Agreed WPs



- WP1: Project Management (**Bioversity**)
- WP2: Policy dissemination and communication (**KIS**)
- WP3: European *ex situ* conservation and use knowledge base (**CRI**)
- WP4: Creating the European Collection (**Graminor**)
- WP5: Designing C&E procedures and infrastructure (**BLE**)
- WP6: Capacity building (**Bioversity**)
- WP7: Upgrading PGR information management and interfaces (**CGN**)
- WP8: Access to European PGR Catalogue (**Bioversity**)
- WP9: Developing operational and technical standards (**MTT**)
- WP10: Designing the quality management system (**MTT**)
- WP11: Supportive research to facilitate rationalization of germplasm management (**INRA**)

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Doc. and Info. NCG relevant EUROGENEBANK activities



- WP2 -Task 2.1: Project website development + operation
- WP3 -Task 3.1 Inventory of European PGR facilities, crops and actors (i.e. Knowledge Base)
 - Task 3.3 Development of C&E information services facilitating PGR utilization
 - Task 3.4 Developing strategy for updating information in knowledge base
- WP4 -Task 4.1 Develop European Accession Selector
 - Tasks 4.4 – 4.9 inclusion of selected MAAs in EURISCO by National Focal Points
 - Task 4.10 Develop a procedure for inclusion of new European Accessions in EURISCO

Doc. and Info. NCG relevant EUROGENEBANK activities



- WP5 - Task 5.1 Analysis of user groups for crops (info into Knowledge Base)
- WP6 - Task 6.1 Supporting training workshops + building capacity (incl. on Knowledge Base and of National Inventory Focal Points)
 - Task 6.2 Packaging knowledge products
 - Task 6.3 Training genebank staff in applying new tools, methods and protocols
 - Task 6.4 Facilitating exchange of scientists
- WP7 - Task 7.1 Creation of crop portals for model crops
(IBERS; four crop portals on-line; guide to creating crop portal)

Doc. and Info. NCG relevant EUROGENEBANK activities



- Task 7.2 Data mobilization for more and better data in EURISCO (Bioversity; report about EURISCO scope definition and implementation; on-line tool for geo-reference validation)
- Task 7.3 Increase quality and quantity of EURISCO passport data (PD) (CGN; tool for determination NI data quality; report on data quality)
- Task 7.4 Improve public web-interface to EURISCO PD (IPK; new EURISCO interface on-line)
- Task 7.5 Apply web-services technology for uploading National Inventory data to EURISCO (NordGen; web service technology operational)

Doc. and Info. NCG relevant EUROGENEBANK activities



- Task 7.6 Create repository and interface for C&E data (**Bioversity; C&E data repository operational**)
- Task 7.7 Create trait ontology on basis C&E data repository (**CGN; EURISCO C&E ontology**)

- WP8
- Ensure through interface to EURISCO free access to data
 - Provide support (i.e. training, seminars, helpdesk function) to users; improve functionalities, new tools, etc.
 - Contribute to better services and review of procedures

Doc. and Info. NCG relevant EUROGENEBANK activities



- WP9 - Task 9.1 Inventory of genebank manuals and guidelines
- WP10 - Task 10.1 Instructions and templates development for QMS case studies
- WP11 -Task 11.3 Prioritizing germination tests – developing software for predicting seed storage and prioritizing accessions for viability testing

EUROGENEBANK Outlook



Remarks

- Active engagement and participation of Documentation and Information NCG members will be important
- Project will provide an opportunity to speed up AEGIS implementation process
- Project will provide opportunities to further strengthen information management in Europe
- Relative importance of information management is reflected in number of relevant tasks in Project
- Discussion on how to proceed if EUROGENEBANK Project will NOT be funded??



Thank you
for your
attention!