

CIMMYT Genebank Manager

phase 1

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2006-05-15



- ▶ The status is that we have converted all the Maize Germplasm Data, but not the Wheat Germplasm data. The program is perhaps 80% finished, in terms of functionality that we know works. 20% has to be checked or has not been programmed yet.
- ▶ GenebankManager is programmed in VB.NET using SQL Server, and using Business Objects methodology, see <http://www.lhotka.net/default.aspx>
- ▶ Genebank Manager has been developed using Workflow methodology, see The Workflow Management Coalition <http://www.wfmc.org/>

- ▶ Wheat and Maize germplasm banks' personnel have confirmed the steps in the workflows.
- ▶ When a regeneration of material is made, it will be summarized in a number of steps. Each step has a status of terminated=Yes/No. There is control of that steps are handled in the correct sequence
- ▶ Bank Management can check progress and find possible bottlenecks in the system handling

- ▶ There is good documentation of design and Data Warehouse
- ▶ There is no User Manual yet
- ▶ Principal programmer and developer Jens Riis has left for a project in Nicaragua

- ▶ Integration with ICIS has not been proved in practice, but a GID field exists for each accession
- ▶ Design ready to use different crops for gene handling in different physical locations with different shelves/bags/boxes nomenclature