

Concept for establishing an inventory of CWR in Germany

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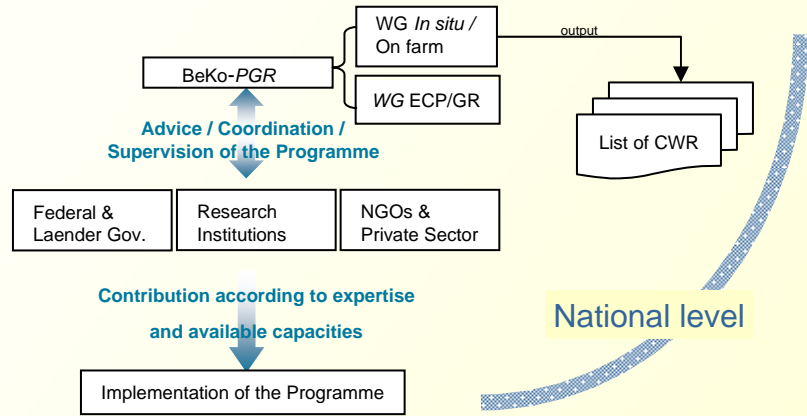
Information Centre Biological Diversity (IBV), Bonn, Germany

Coordination

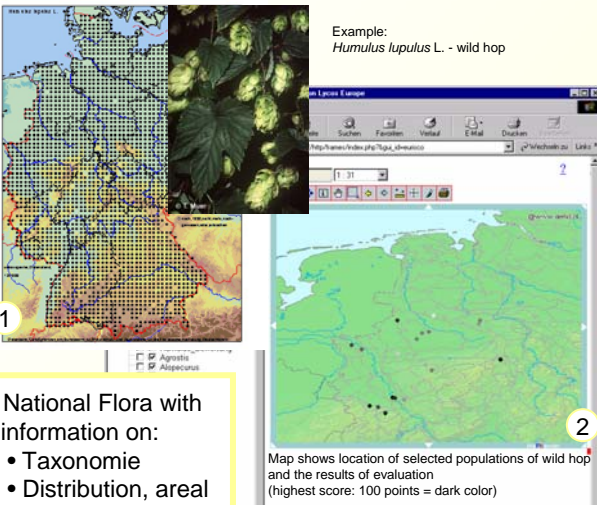
• *In situ* conservation and monitoring of Crop Wild Relatives (CWR) is part of the German national programme for PGR established in 2002

• The structure of the programme is based upon the Global Plan of Action

• The realisation of this programme is supported by an advisory and coordination board (BeKo) and its working group on *in situ* PGR.



Different 'levels' of observation data in NI



(1) National Flora with information on:

- Taxonomie
- Distribution, areal
- Biology
- Ecology
- Use
- Threat status

(2) Information on selected populations with data on:

- Location of population
- Site ownership, contact info
- Site description (altitude, climate, soil, eco-region)
- Characterisation data
- Evaluation data

Data source: Julia Forwick-Kreuzer (2002): Wildpflanzen als Genetische Ressourcen. Schriften zu Genetischen Ressourcen, Bd.18, Bonn
Database: Information Centre Biological Diversity (IBV), Bonn 2005

Source: Federal Agency for Nature Conservation, BfN, Bonn

Unit-level data

A unit is uniquely identified by time, place(site) and taxonomy. In addition a particular unit could be sampled to further assist in characterising it. Such samples could be

- (1) seed samples / planting material (classical *ex situ* accessions),
- (2) photos or (3) herbarium vouchers.

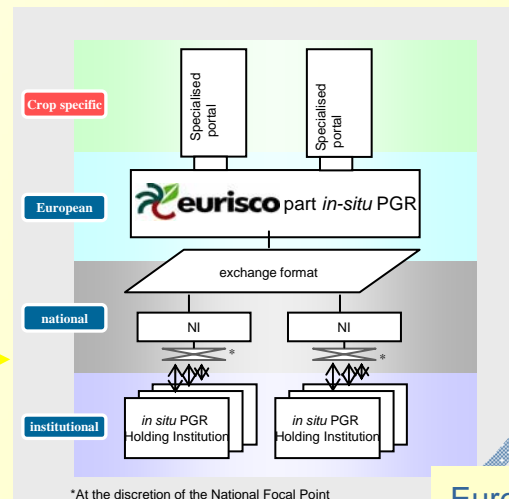
Unit is the central element of exchange format

UNIT { time, site, taxonomy } (+ sample)

Steps Towards the German National Inventory (NI) of *In situ* PGR (part CWR)

- ✓ List of Crop Wild Relatives in Germany identified
Approximately 2.800 taxa are considered as CWR, incl. forest plants and ornamentals
- Overview (metadata) of existing knowledge on target taxa to be created with focus on
(a) the occurrence of CWR populations within and outside of the network of protected areas
(b) and the data that are available at the population and genetic levels
- Harmonisation of *In situ* PGR descriptors in consultation with IPGRI and national stakeholders
- Model projects under development which aim at
(a) establishing an information flow from dispersed databases to the National Inventory (NI)
(b) on promoting information on CWR to users like conservationists, plant breeders, ...

In situ PGR data flow in Europe



European context

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