New tools for plant diversity conservation planning

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Supported by:
DIVERSITY – CONSERVATION – UTILIZATION

- Interactive Toolkit for (CWR) Conservation Planning
- (CWR) Checklist & Inventory Template
- Occurrence Data Collation Template

- Template for the Preparation of a NSAP for the Conservation and Sustainable Use of (CWR)
- Template for the Technical Background Document of a NSAP
WHY DEVELOP THESE TOOLS?

- PGR Forum project (www.pgrforum.org) (various European countries, 2002-2005)
- PGR Secure project (www.pgrsecure.org) (various European countries, European region, 2011-2014)
- BOT-ERA Project (http://boterajordan.org/) (Jordan, 2012-2014)
- Other projects (Cyprus, Indonesia, Malawi, Mexico, Norway, Oman, etc, Fertile Crescent, North Africa)

Countries/regions to develop National Strategies/NSAPs for the conservation and use of plant diversity (CWR, medicinal plants, etc)

CONSERVATION PLANNING GUIDELINES AND TOOLS
IMPORTANCE OF CONSERVATION PLANNING TOOLS

- To guide and facilitate countries:
  - Plant diversity conservation planning
  - Development of NSAPs
- To promote standardization of protocols
- Minimize errors and time costs
INTERACTIVE TOOLKIT FOR (CWR) CONSERVATION PLANNING

(CWR) checklist
(CWR) prioritization
(CWR) inventory
Diversity analyses
Gap analyses
Climate change analysis

In situ and ex situ conservation recommendations

OCCURRENCE DATA COLLATION TEMPLATE

(CWR) CHECKLIST/INVENTORY DATA TEMPLATE
INTERACTIVE TOOLKIT FOR (CWR) CONSERVATION PLANNING

http://www.cropwildrelatives.org/conservation-toolkit/
**(CWR) CHECKLIST AND INVENTORY DATA TEMPLATE**

**Checklist and Inventory Tool**

- SADC region
- Mauritius
- South Africa
- Zambia

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Thornmann I, Kell S, Magos Brehm J, Dulloo E and Maxted N (2017) CWR checklist and inventory data template v.1, [https://doi.org/10.7910/DVN/B8YQOL](https://doi.org/10.7910/DVN/B8YQOL), Harvard Dataverse (International and University of Birmingham 2017)

SADC region
South Africa
Zambia
NATIONAL STRATEGIC ACTION PLANS AIM AT...

- Raising awareness of the value of national plant diversity
- Reviewing existing policy
- Defining the specific actions and resources required to effectively conserve and sustainably utilize national plant diversity
- Identifying capacity building needs
- Integrating plant diversity conservation into existing national, regional and global initiatives
- Making sure the implementation of the objectives of the NSAP are sustainable.
ELEMENTS OF THE NATIONAL STRATEGIC ACTION PLAN

- National, regional and global policy framework
- National (agricultural and) floristic diversity
- National (CWR) diversity
- Utilization potential and conservation status

STRATEGIC ACTIONS for conservation & use of (CWR)
- Stakeholder collaboration
- Resource mobilization

CONCRETE ACTIONS for conservation & use of (CWR)
- Monitoring and review

Policy interventions to enable concrete actions
Enabling conditions and necessary incentives to achieve NSAP objectives

Important (CWR) taxa
Sites for active *in situ* conservation
*Ex situ* conservation programme
(Pre-breeding,) local communities, public awareness
NATIONAL STRATEGIC ACTION PLANS FOR THE CONSERVATION AND USE OF CWR


NATIONAL STRATEGIC ACTION PLANS FOR THE CONSERVATION AND USE OF CWR

Mauritius
April 2016

More here: http://www.cropwildrelatives.org/cwr-strategies/
HAVE THE TOOLS BEEN USED?

- Occurrence data collation template: 18 downloads
- TBD template: 20 downloads
- NSAP template: 24 downloads
- Interactive Toolkit: 31 downloads
- CWR checklist and inventory template: 33 downloads

62 registered users

(08-Nov-2018)
INTERACTIVE TOOLKIT FOR CWR CONSERVATION PLANNING
– THE USERS –

- Europe, 25
- The Americas, 21
- Asia, 10
- Africa, 5
- Australia and Oceania, 1

62 registered users

- Development of other toolkits
- Research
- MSc and PhD projects
- Teaching tools
- Exploring
- Exhibition
- Design
- Etc...

- National conservation & use strategy
- Sub-national conservation & use strategy
- Multi-national conservation & use strategy
- Conservation & use strategy for one or more crop gene pools
- Other

Academic: 27
Governmental: 11
Other (please state type): 9
CGIAR: 6
National NGO: 5
Regional organization: 1
Inter-governmental body: 1
Local NGO: 1
IN SUMMARY...

3 conservation planning tools:
- Interactive Toolkit for (CWR) Conservation Planning
- (CWR) Checklist and Inventory Data Template
- Occurrence Data Collation Template

2 NSAP-related tools:
- Templates for the Preparation of a NSAP for the Conservation and Sustainable Use of (CWR) and for the associated Technical Background Document

Any wild plant group!
(not just CWR)
THANK YOU!

2nd Mediterranean Plant Conservation Week

“Conservation of Mediterranean Plant Diversity: Complementary Approaches and New Perspectives”