



**World Overview of Conservation Approaches and Technologies** 

# The Global Network on Sustainable Land Management

Knowledge management and learning in the GEF: learning from agency experience with integrated programming

4 May 2023

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## **WOCAT**

## supports innovation and decision-making in SLM by:

maintain global, open **SLM network** 



harmonize and further develop tools and methods with partners







provide open access global SLM data repository



The World Overview of Conservation Approaches and Technologies (WOCAT) is a global Network established in 1992.

WOCAT supports the compilation, documentation, evaluation, sharing, dissemination, and application of sustainable land management (SLM) knowledge.





SLM practices. In the description, it is recommended to include information on the type of practice, main activities, main

## **WOCAT & UNCCD**

2014: WOCAT officially recognized by the UNCCD as the primary recommended Global SLM Database for SLM best practices and adaptation measures.

2019: **UNCCD Decision19/COP.14:** acknowledging continuing efforts by WOCA Tin promoting analysis, dissemination and accessibility of SLM practices.

2020: **UNCCD-WOCAT Partnership extended** to boost the uptake of SLM practices around the world through a strengthened global partnership.

#### **2022: Five COP Decisions:**

**Decision 9/COP.15** - Collaboration with the Global Environment Facility

**Decision 11/COP.15** - Improving the procedures for communication of information as well as the quality and formats of reports...

**Decision 19/COP.15** - Interfacing science and policy: The Science Policy Interface, the dissemination and accessibility of best practices...

**Decision 20/COP.15** - Policy-oriented recommendations resulting from the cooperation with other intergovernmental scientific panels and bodies

**Decision 24/COP.15** - Follow-up on policy frameworks and thematic issues: Gender







## **WOCAT & UNCCD**

### **UNCCD Decision 9/COP.15 - Collaboration with the GEF**



The Conference of the Parties [...] recommends the Global Environment Facility to promote, as appropriate, the use of the United Nations Convention to Combat Desertification-designated World Overview of Conservation Approaches and Technologies database into the Global Environment Facility projects and programmes to support knowledge-sharing and the dissemination of sustainable land management best practices...



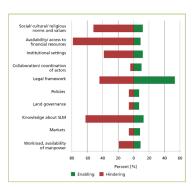


# WOCAT's principles for knowledge management

To enhance the **robustness and durability of knowledge management processes and products**, WOCAT focuses on the following principles:

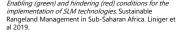
- 1. Tools and methods applied to generate data and evidence are harmonized
- 2. Data are **standardized** to allow exchange, comparison and analysis
- 3. Data and knowledge are open access, and easy to access and use
- 4. Data and knowledge are **integrated into platforms** that last beyond the duration of a programme/project
- Knowledge is co-developed and co-produced with multiple actors and social groups
- 6. Data and knowledge are produced in such a way that they can be integrated into knowledge products for **different audiences**
- 7. Knowledge/evidence is **embedded at local, national, regional and global levels**









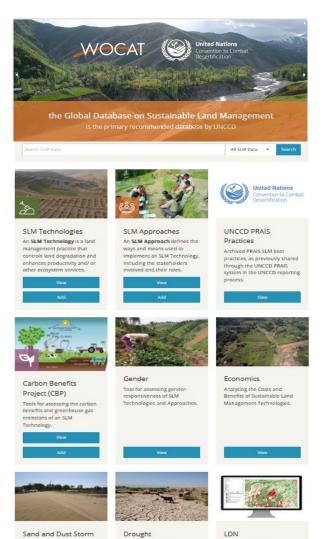








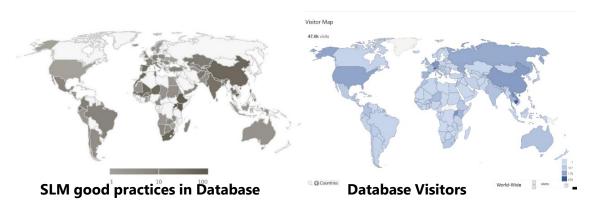
# **WOCAT Global SLM Database**



Sand and Dust Storm (SDS)

#### Main features

- ✓ free upload and worldwide sharing of countries' good SLM practices in multiple languages (English, Spanish, French, Portuguese, Russian, Chinese and others)
- ✓ quality assurance and review process, guaranteeing quality information and facilitating learning process
- ✓ free access to 2000+ proven, field-tested SLM practices from over 130 countries
- ✓ database filter to find relevant SLM practices for specific landscapes, land uses etc.
- ✓ **possibility to integrate in/link to**national/project/global platforms through API



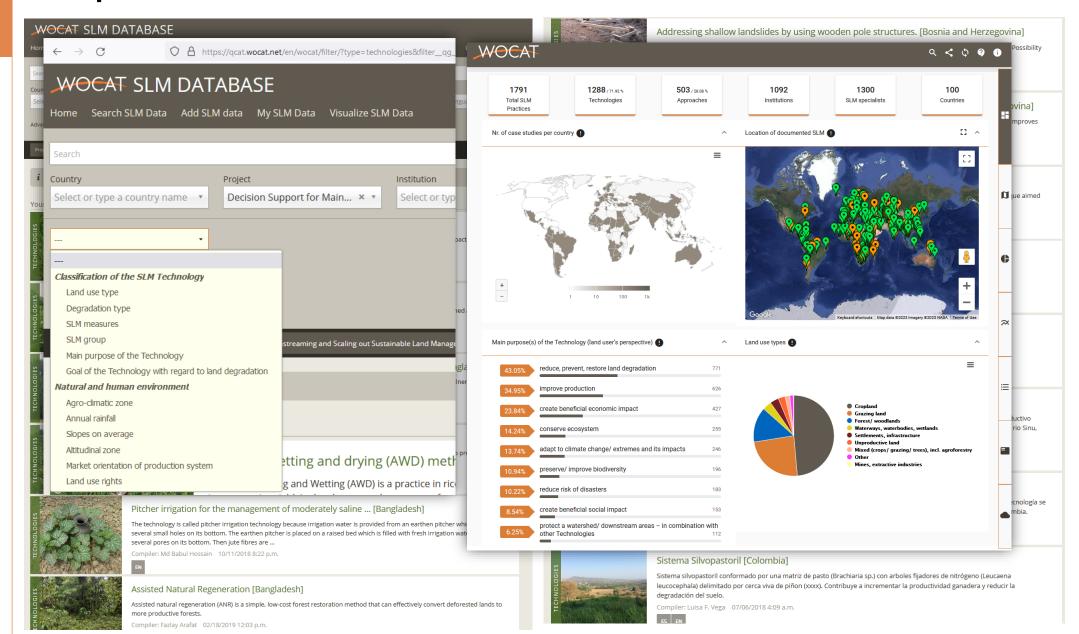
#### **Key Numbers**

- 2277 SLM Practices published from 134 countries by 451 users.
- 1318 SLM Technologies
- 510 SLM Approaches
- 442 UNCCD PRAIS Practices
- 85 new practices drafted in the past 90 days.





## **Example: GEF/FAO DS-SLM**

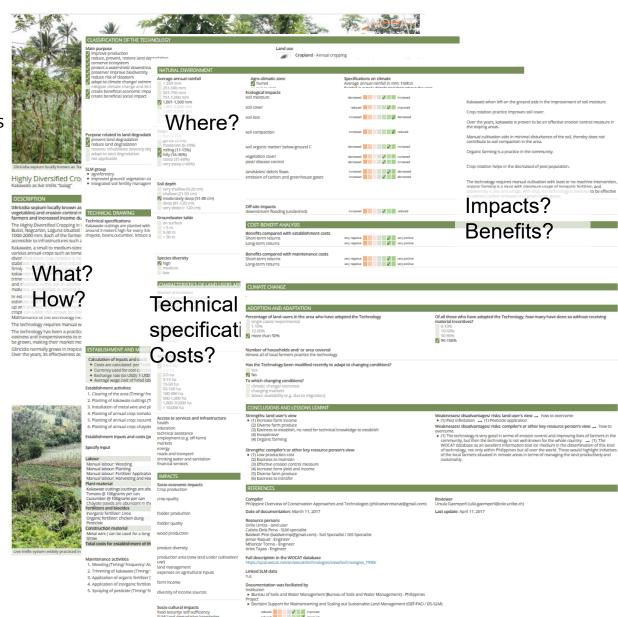




# **SLM Technology / Approach Summary**

- ✓ automatically generated
- √ in all (available) languages
- ✓ used for good practices compilations; learning materials for e.g. extension services; knowledge products, etc.



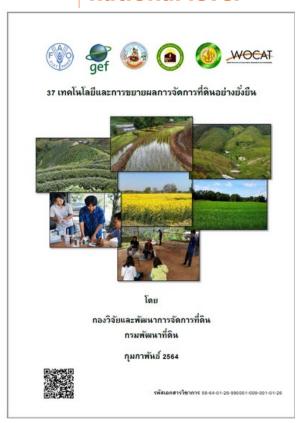


## **Example: GEF/FAO DS-SLM**





#### national level



#### national level



### global level



- √ harmonized, standardized, open access
  - ✓ co-produced, co-designed
  - ✓ different audiences and levels



## Good practices shared through WOCAT included in other platforms

Framework for Ecosystem Restoration Monitoring (FERM)

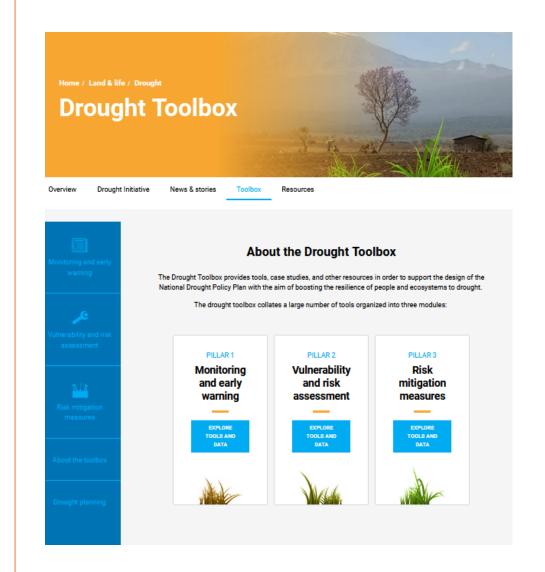


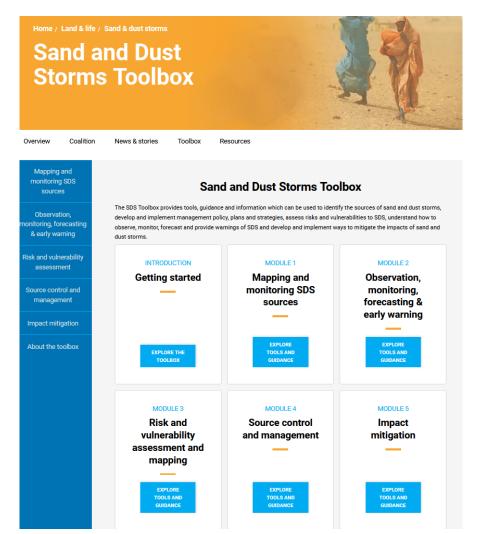




## **Good practices shared through WOCAT included in other platforms**

UNCCD Drought Toolbox and upcoming UNCCD Sand and Dust Storm Toolbox

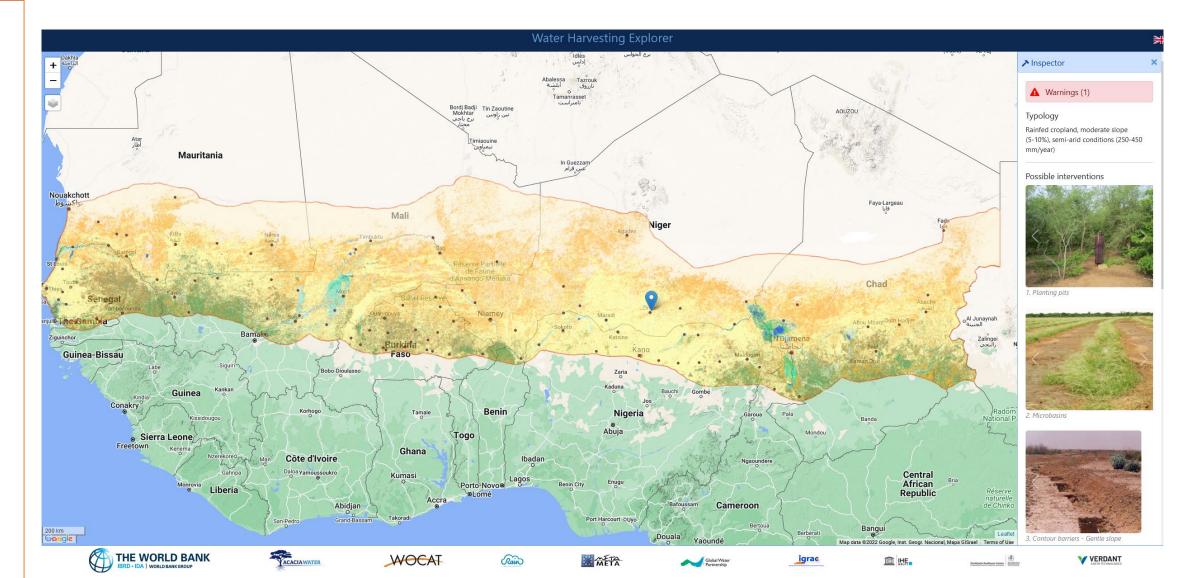






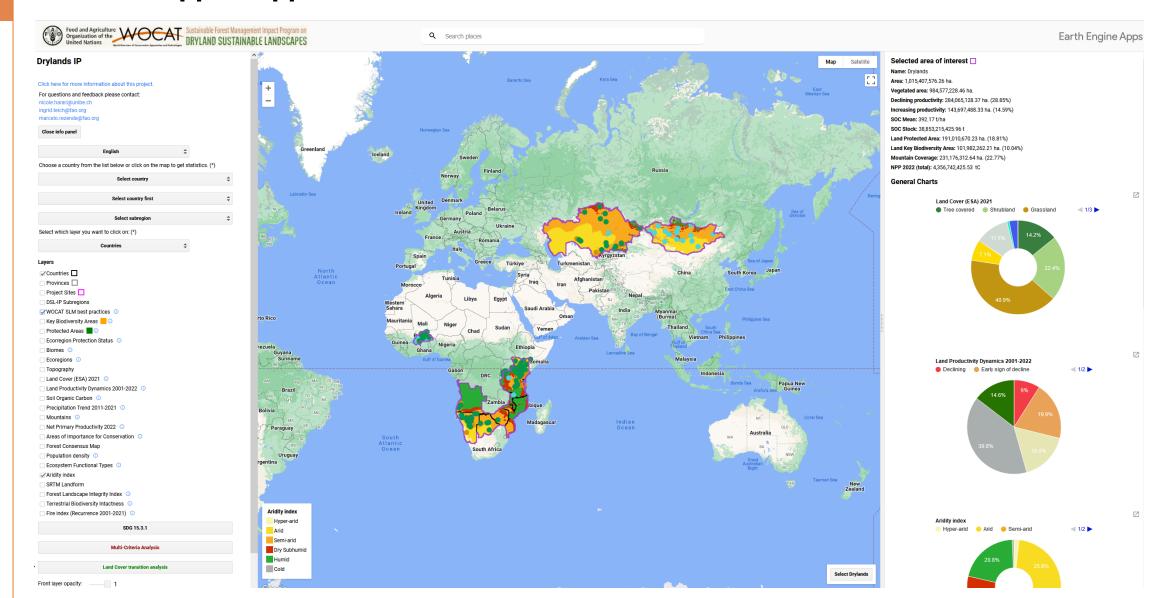
## **Good practices shared through WOCAT included in other platforms**

Water Harvesting Explorer





# Global WOCAT SLM Database good practices integration into LDN Decision Support apps - GEF/FAO DSL IP





# WOCAT Global SLM Database: Other linked tools, applications and databases

# Carbon Benefits Project





















## **WOCAT Global SLM Database: figures and challenges**



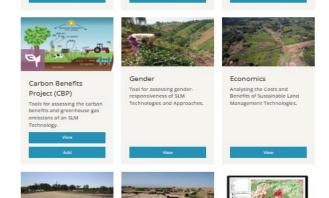
An SLM Technology is a land

controls land degradation and

enhances productivity and/ or

Sand and Dust Storm (SDS)



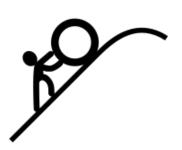


- ✓ Establishment costs: approx. USD 1 million
- ✓ Average annual **maintenance** costs: approx. USD 100,000\*
- ✓ Average annual improvement costs: approx. USD 100,000\*



\*Note: there are significant variations in costs from year to year

- ✓ Dependence on external companies for programming and emergencies
- ✓ Complexity of the database (e.g. review system)
- ✓ Prioritization and bundling of improvement requests/ tasks
- ✓ Ensuring standardization when updating questionnaires or linking to other platforms
- ✓ Difficulty to make **changes to the API** due to various already linked platforms/tools





## **Key lessons and outlook**

- 1. Ensure standardization! Work together to follow same standards, use same definitions
- 2. Use, enhance and link existing platforms to ease search for and facilitate exchange of knowledge
- 3. **Co-develop and create ownership** for knowledge, platforms and products to ensure durability

#### In relation to Decision 9/COP.15:

- 1. Ensure that all future database entries from GEF projects and programmes are clearly designated as such
- 2. Allow for analysis of database entries from GEF projects and programmes
- 3. Create awareness amongst GEF projects and programmes and enhance use of database
- 4. Monitor GEF-related entries and support assessments based on various parameters such as country, region, agro-climatic zone, land use type, degradation type, technology type, to create evidence and as basis for different knowledge products

# Thank you!









