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United Nations Convention to Combat Desertification

Leveraging Data, Tools, and Regional Expertise for the 2026 UNCCD Reporting Process

Building smarter systems and stronger support to deliver better reporting outcomes

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Streamlining reporting of SLM technologies between WOCAT database and PRAIS

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Background

WOCAT Database

The Global WOCAT Sustainable Land Management Database is the UNCCD primary recommended Database for SLM best practices and adaptation measures.
The official recognition gives WOCAT the mandate to support the 194 signatory countries in recording their SLM best practices and using the SLM knowledge of stakeholders worldwide – from land users to decision-makers – to improve local land management.

www.wocat.net/en/global-slm-database

01

2014, following Decision 17 /COP.11

WOCAT was recognized as the primary recommended database for UNCCD stakeholders to exchange knowledge and best practices on SLM.

02

2019 Decision 19 /COP.14

Acknowledging the continuing efforts by the secretariat and WOCAT in promoting the analysis, dissemination and accessibility of sustainable land management best practice.

03

2022 Decision 11 & 19 /COP.15

The Conference of the Parties […] encourages Parties to: […] provide UNCCD-relevant information and good practices to the designated WOCAT database, where appropriate;

[…] Also requests the secretariat, subject to the availability of resources, to continue the collaboration with WOCAT, facilitating an exchange of knowledge on sustainable land management between UNCCD stakeholders globally;

04

2024 Decision 18 /COP.16

Requests the secretariat, subject to the availability of resources, to continue the collaboration with WOCAT, thus facilitating an exchange of knowledge on sustainable land management between UNCCD stakeholders globally;

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Process to date

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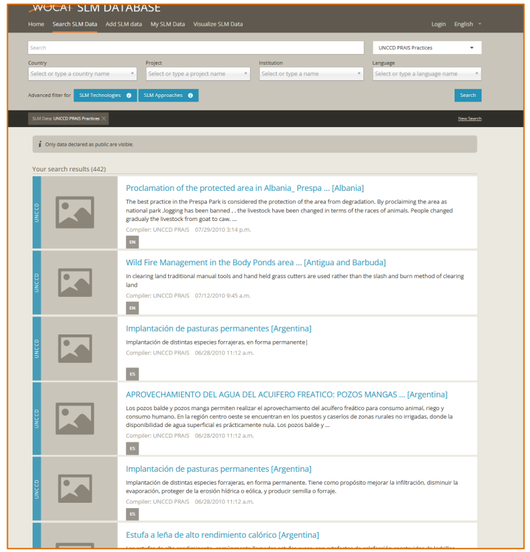
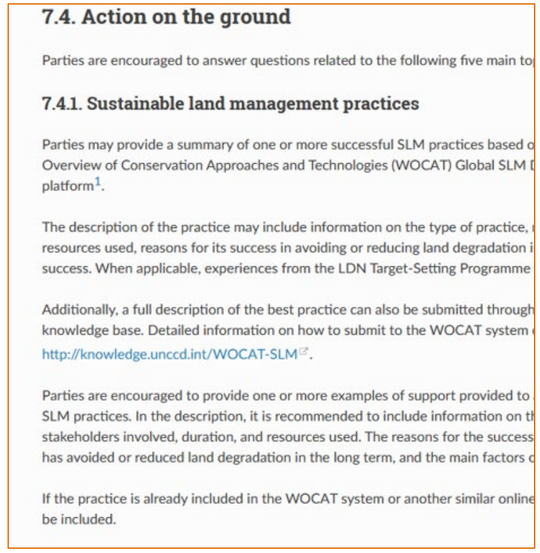
WOCAT Database – PRAIS integration



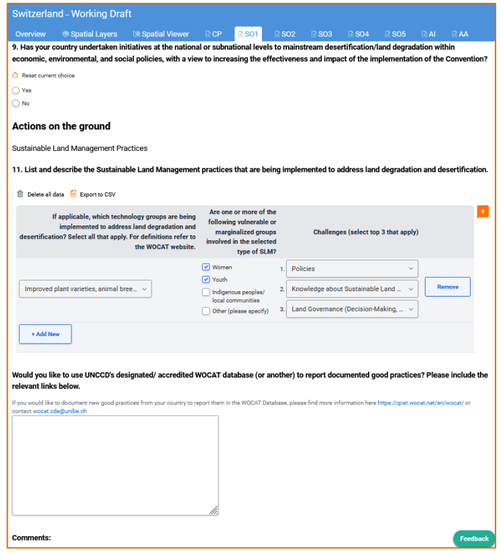
2014-2016: Migration of PRAIS Data

New WOCAT Database designed, allowing for SLM practices data - previously reported in PRAIS - migration to the WOCAT Database and availability online



PRAIS 4

Parties can include a link of their SLM best practices in the WOCAT Database in the section 7.4.1 Sustainable Land Management practices



Updated PRAIS 4 for 2026 reporting

Under SO1, Parties are invited to share a link to their SLM best practices reported in the WOCAT Database or, if not available, document their SLM practices using the WOCAT standardized documentation framework

The reporting of SLM good practices remains **optional, generalized and lacks critical detail regarding the SLM practice's objectives, location, effectiveness, scalability and alignment with the LDN response hierarchy** (avoid, reduce, reverse)

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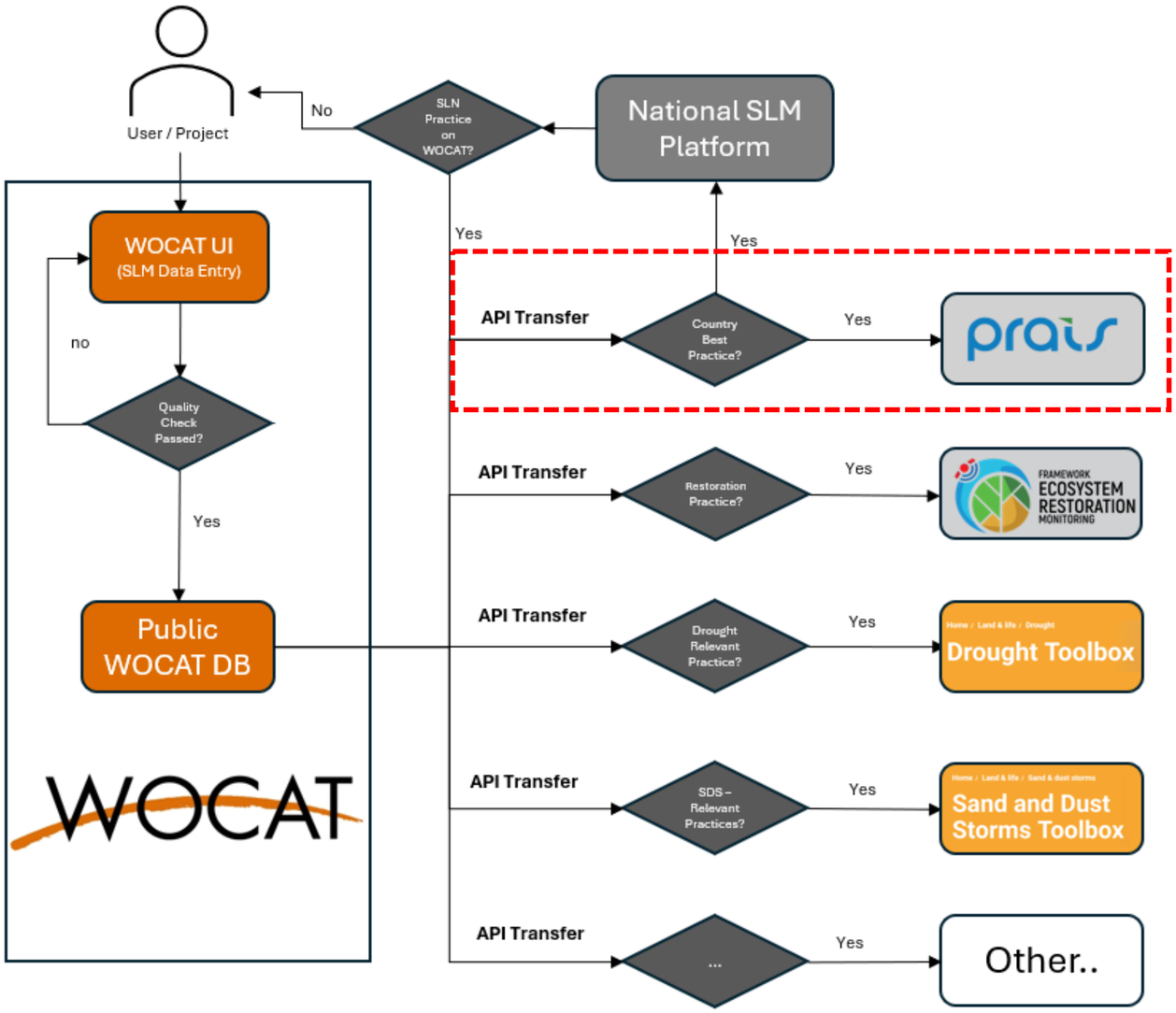

PROPOSED ENHANCEMENT

Integrated and automated SLM reporting approach

Automated access to national SLM best practices

Retrieves country-specific SLM practices per SLM Technology Group and standardized WOCAT documentation through the WOCAT Database Application Program Interface (API)

Direct linkage to LDN reporting

Aligns SLM practices with the LDN Response Hierarchy (Avoid > Reduce > Reverse) to relate to reported LD and LDN targets

Assesses scaling potential of SLM practices

Includes standardized questions to evaluate replicability, enabling Parties to report practices' suitability for wide adoption, i.e. scalability

Supports harmonized analysis of on-the-ground actions

Provides standardized criteria for assessing SLM impacts, costs and benefits, enabling comparative analysis (e.g. in UNCCD data dashboard)

Harmonization with national SLM platforms

Enables harmonization of national platforms with PRAIS via WOCAT.

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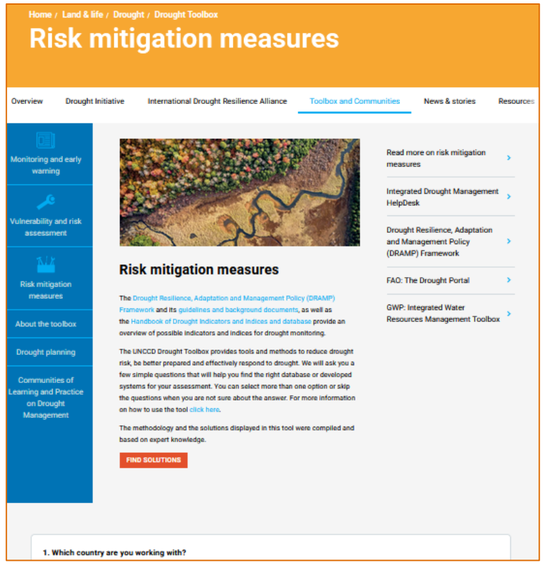
Current WOCAT Database link to other platforms

Interoperability for wide outreach - global

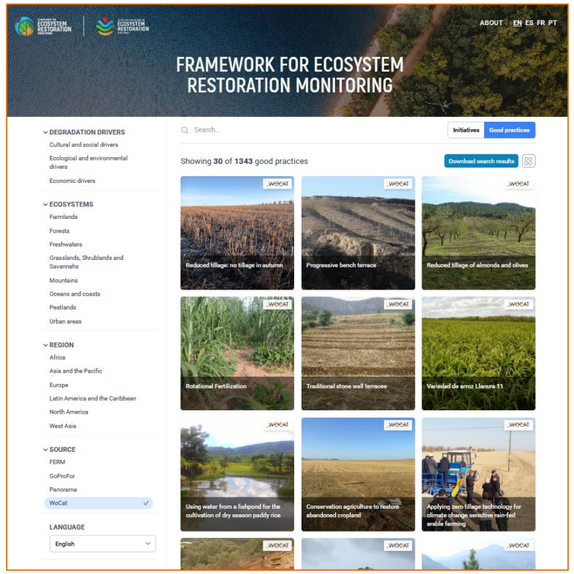
UNCCD knowledge Hub

Integrates selected SLM practices from WOCAT Database



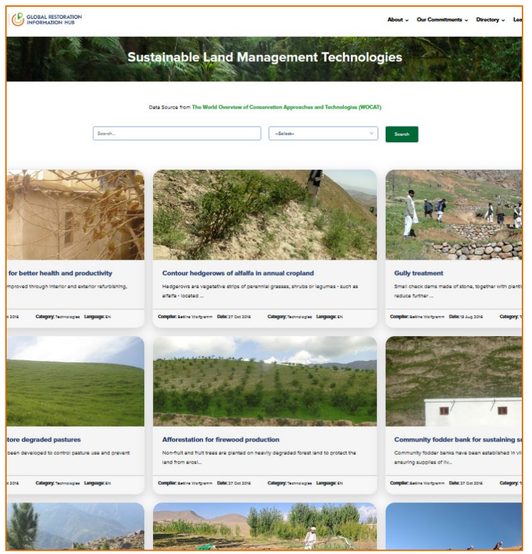
UNCCD Drought and SDS toolboxes

Provides drought and SDS-relevant SLM solutions from WOCAT Database



UNDER Framework for Ecosystem Restoration Monitoring

Includes all restoration relevant SLM good practices from WOCAT Database and from 3 other platforms



G20 Global Restoration Information HUB

Includes all SLM practices from the WOCAT Database

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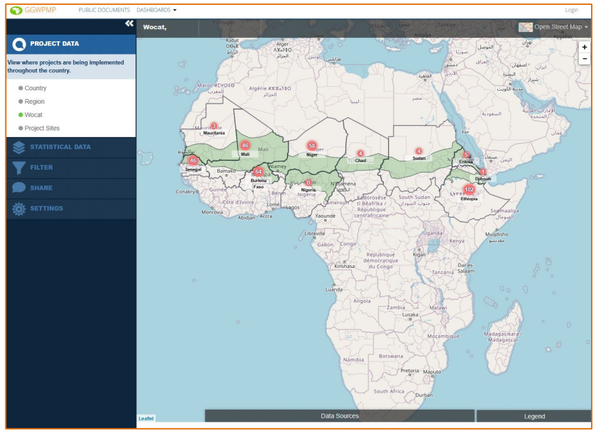
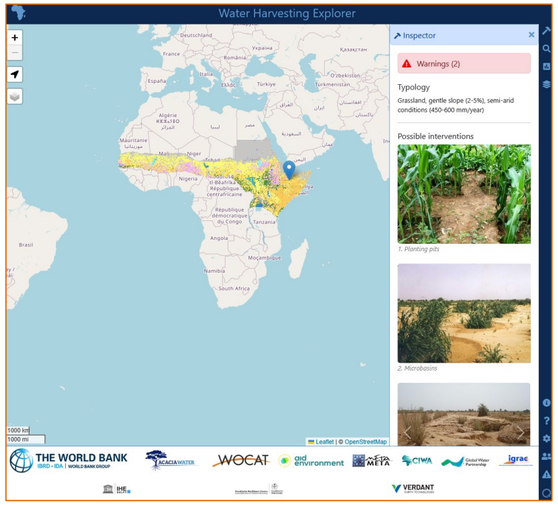
Current WOCAT Database link to other platforms

Interoperability for wide outreach – regional to local



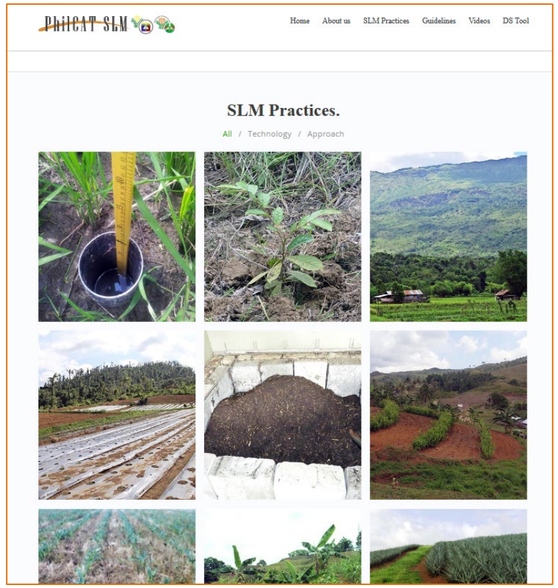
Great Green Wall Observatory

Integration of SLM practices from the WOCAT Database from GGW countries



Water Harvesting Explorer

Multi-partner initiative to support decision-making on suitable water harvesting practices in the Sahel from the WOCAT Database



National Databases

Countries retrieve their SLM good practices from the WOCAT Database for integration in their own platforms/databases, e.g. PHILCAT

Digital advisory services

Digital solutions/ app providers integrate the WOCAT SLM dataset for reaching land users, cooperatives, extension agents

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Plural benefits

Standardized national SLM reporting to support Rio Synergies

https://qcat.wocat.net/en/summary/6791/

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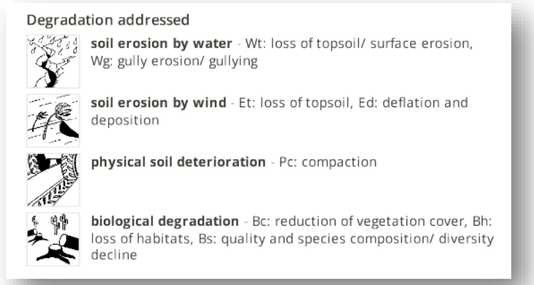
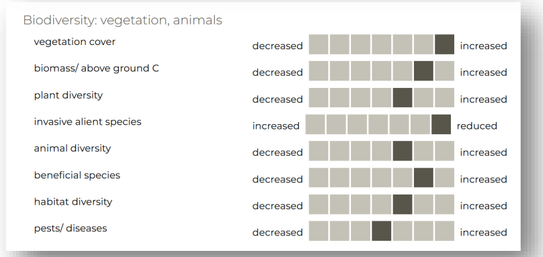
Desertification, Land Degradation and Drought



Biodiversity



Climate Change Adaptation and Mitigation

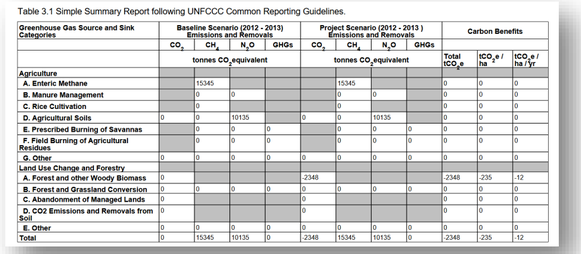


Table 3.1 Simple Summary Report following UNFCCC Common Reporting Guidelines.

Greenhouse Gas Source and Sink Categories	Baseline Scenario (2012 - 2013) Emissions and Removals				Project Scenario (2012 - 2013) Emissions and Removals				Carbon Benefits		
	CO_2	CH_4	N_2O	GHGs	CO_2	CH_4	N_2O	GHGs			
	tonnes CO_2 equivalent				tonnes CO_2 equivalent				Total tCO_2e	tCO_2e / ha^{-1}	tCO_2e / ha^{-1}/yr
Agriculture											
A. Enteric Methane		15345				15345			0	0	0
B. Manure Management		0	0			0	0		0	0	0
C. Rice Cultivation		0				0			0	0	0
D. Agricultural Soils	0	0	10135		0	0	10135		0	0	0
E. Prescribed Burning of Savannas		0	0	0		0	0	0	0	0	0
F. Field Burning of Agricultural Residues		0	0	0		0	0	0	0	0	0
G. Other	0	0	0	0	0	0	0	0	0	0	0
Land Use Change and Forestry											
A. Forest and other Woody Biomass	0				-2348				-2348	-235	-12
B. Forest and Grassland Conversion	0	0	0	0	0	0	0	0	0	0	0
C. Abandonment of Managed Lands	0				0				0	0	0
D. CO2 Emissions and Removals from Soil	0				0				0	0	0
E. Other	0	0	0	0	0	0	0	0	0	0	0
Total	0	15345	10135	0	-2348	15345	10135	0	-2348	-235	-12

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Thank You

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