



UNIVERSITÀ
DEGLI STUDI
FIRENZE

Da un secolo, oltre.



HR EXCELLENCE IN RESEARCH

Open discussion: the DAGRI-WOCAT Institutional Partnership: ideas and way forward

May 28th, 2024

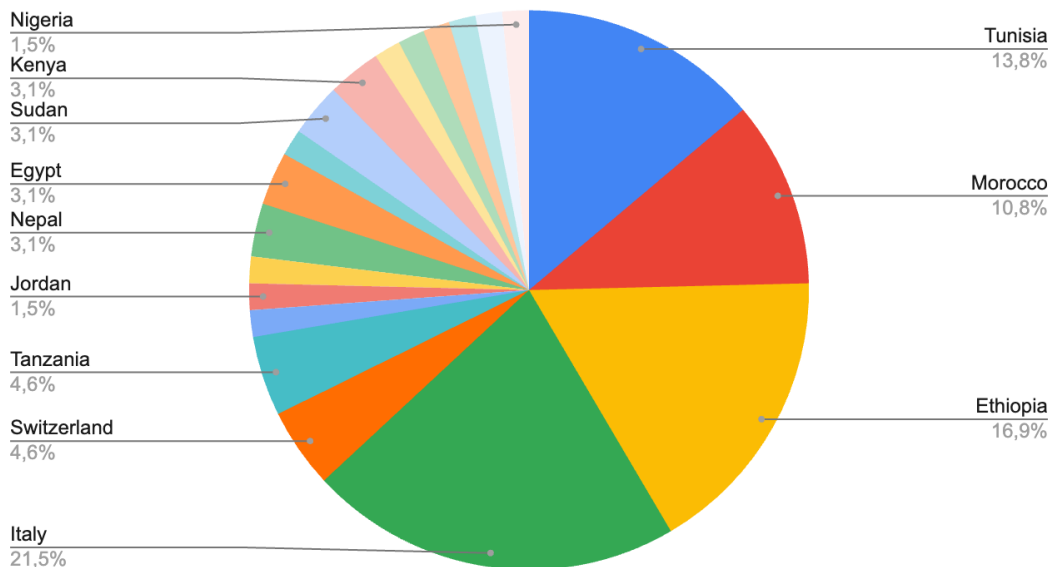
Dr. Giulio Castelli

Researcher at the University of Florence, DAGRI department

Associate researcher at the University of Geneva, Switzerland, GEDT Hub

Participants to the webinar

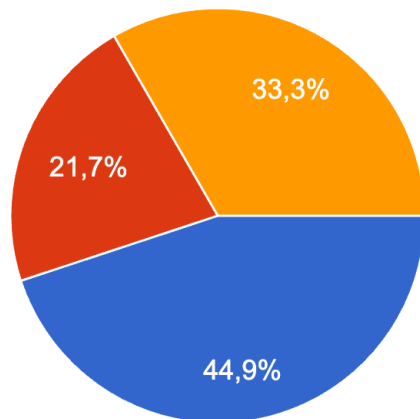
Participants by country



Participants to the webinar

Do you know the WOCAT database?

69 risposte



- Yes, but I want to know more on how it works
- Yes, but I want to know more about the collaboration with the University of Florence
- No

The DAGRI-WOCAT Institutional Partnership

- Development of **joint scientific publications** (e.g. Piemontese et al. 2020), and **technical working papers**
- **Joint seminars and courses** on sustainable land (and water) management
- **Dissemination of WOCAT's materials** and events
- Contribution to the WOCAT Global SLM **Database**
- Support in the **coordination with stakeholders in Italy and in the South of the Mediterranean**, and in general in all the countries where the DAGRI Department is operational

The DAGRI-WOCAT experiences in project development

LA BANQUE MONDIALE
BIRD - IFA

À PROPOS NOTRE MISSION NOS PAYS COMPRENDRE LA PAUVRETÉ TRAVAILLER AVEC NOUS EM LIVE

Notre mission / Projets et opérations Cette page en : Français | English | Español | العربية | Русский | 中文

Burundi Landscape Restoration and Resilience Project

RÉSUMÉ

VUE D'ENSEMBLE

L'AVIS EN BREF

Numéro du Projet	Intitulé du Projet	Pays	No d'avis
P160613	Burundi Landscape Restoration and Resilience Project	Burundi	OP00081922

Project

WOCAT database on SLM



The DAGRI-WOCAT experiences in project development

LA BANQUE MONDIALE
BIRD - IFA

À PROPOS NOTRE MISSION NOS PAYS COMPRENDRE LA PAUVRETÉ TRAVAILLER AVEC NOUS

EM LIVE

Notre mission / Projets et opérations

Cette page en : Français | English | Español | العربية | Русский | 中文

Burundi Landscape Restoration and Resilience Project

RÉSUMÉ

VUE D'ENSEMBLE

L'AVIS EN BREF

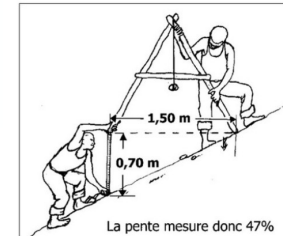
Número du Projet	Intitulé du Projet	Pays	No d'avis
P160613	Burundi Landscape Restoration and Resilience Project	Burundi	OP00081922

Project

Establishment inputs and costs (per Vetiver line)

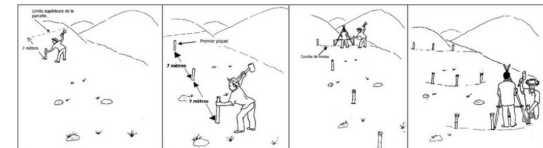
Specify input	Unit	Quantity	Costs per Unit (HTG)	Total costs per input (HTG)	% of costs borne by land users
Labour					
Unskilled labourer	person-days	20.0	200.0	4000.0	100.0
Skilled labourer	person-days	5.0	1000.0	5000.0	
Equipment					
Machete	pieces	1.0	5.0	5.0	100.0
Pickaxe	pieces	3.0	5.0	15.0	100.0
A-level	pieces	1.0	5.0	5.0	100.0
Hoe	pieces	5.0	5.0	25.0	100.0
Plant material					
Vetiver grass	cuttings	2000.0	2.0	4000.0	
Trees	cuttings	67.0	50.0	3350.0	
Total costs for establishment of the Technology				16'400.0	
<i>Total costs for establishment of the Technology in USD</i>				<i>264.52</i>	

WOCAT database on SLM



Author: Régis and Roy

Pente	Ecartement conseillé
< 10 %	12 – 15 m
10 – 25 %	10 – 12 m
25 – 40 %	8 – 10 m
40 – 60 %	6 – 8 m
> 60 %	~ 5 m



Author: Régis and Roy

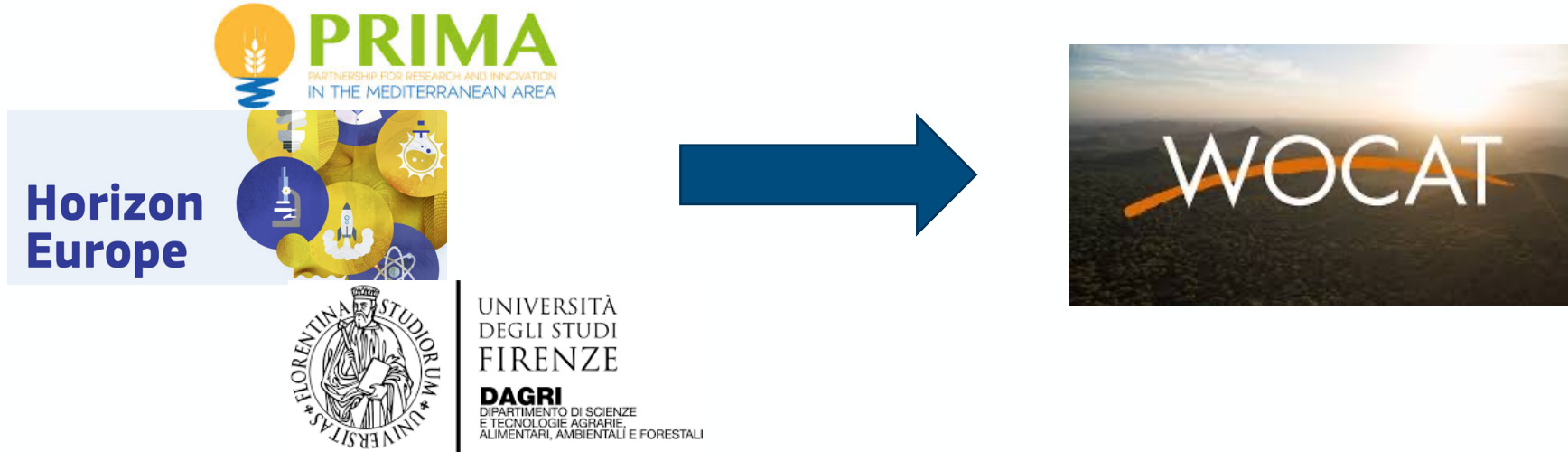
The DAGRI-WOCAT Institutional Partnership: the way forward...

Training and students' exchange: from UNIFI to CDE UNIBERN and vice versa



The DAGRI-WOCAT Institutional Partnership: the way forward...

Collection of project experiences and population of the SLM database



The DAGRI-WOCAT Institutional Partnership: the way forward...

Application to projects



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DAGRI
DIPARTIMENTO DI SCIENZE
E TECNOLOGIE AGRARIE,
ALIMENTARI, AMBIENTALI E FORESTALI

The DAGRI-WOCAT Institutional Partnership: the way forward...

Short courses and training, also abroad



The DAGRI-WOCAT Institutional Partnership: the way forward...

Papers, and special issues?



The DAGRI-WOCAT Institutional Partnership: interested?

Keep in touch!

Giulio Castelli: giulio.castelli@unifi.it



Lab home

The water for food security hub at the
University of Florence

Facebook:

<https://www.facebook.com/WaterHarvestingLab/>

X/Twitter:

@WHLab_Unifi

YouTube

Water Harvesting Lab – UNIFI
<https://www.youtube.com/channel/UCxm7HW7ZfAwMVDKRZw4LDfA>