



Getting started with Questionnaires on Technologies (QT) & Approaches (QA)

Documenting SLM knowledge at field level

WOCAT

WOCAT



Documenting

WOCAT Technologies QT 16 Specification

2.4.3.2 Establishment and maintenance methods for vegetative measures

Initial establishment

activity (in sequence)

- 1 Digging holes
- 2 Cutting/digging out planting material
- 3 Transporting
- 4 Transplanting
- 5

Entering data in Quest



Entering data in W

5.2 Establishment activities

i List establishment activities for the Technology (in sequence) and indicate timing

	Activity	Type of measure ⓘ	Timing ⓘ
1.		-	
2.		-	
3.		-	
4.		-	
5.		-	
6.		-	
7.		-	
8.		-	
9.		-	

Table of Content ⓘ Help ⓘ

Go Back without saving

5. Implementation, inputs, and costs

Save (0 / 6)

Computer data entry form

WOCAT Definition:

« An SLM Technology is a physical practice on the land that controls land degradation, enhances productivity, and/ or other ecosystem services. A technology consists of one or several measures, such as agronomic, vegetative, structural, and management measures.»

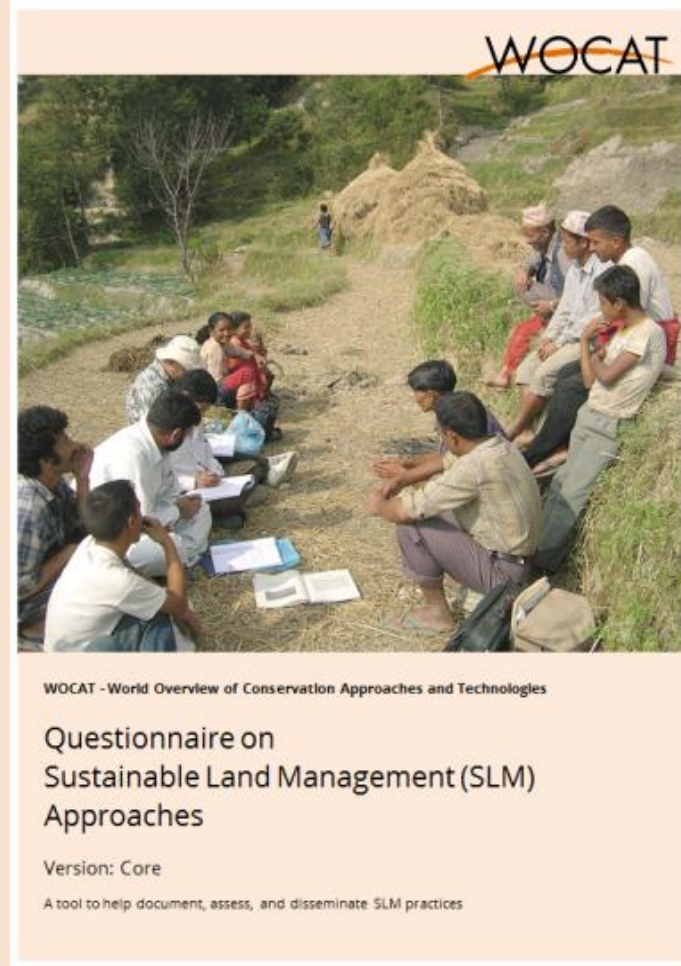
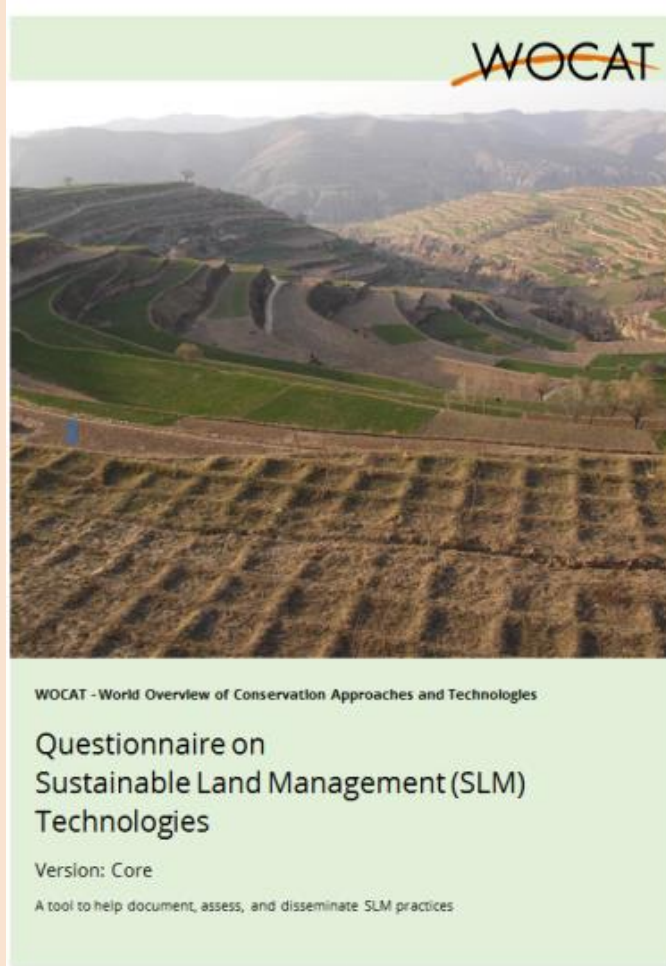


WOCAT Definition:

«An SLM Approach defines the ways and means used to implement one or several SLM Technology(ies), including technical and material support, involvement and roles of different stakeholders, etc. An approach can refer to a project/ programme or to activities initiated by land users themselves.»



QT & QA - Questionnaires



Who should fill the questionnaires?

A team of **SLM specialists** – including land users – with different backgrounds and experience, who are familiar with the details of the technology/ approach (technical, financial, socio-economic)

... making use of existing documents and seek advice from other SLM specialists and land users as much as possible.



General Principles

- **Get familiar** with the Questionnaires (Qs); read introduction and notes on *pages 3-4*
- Use the **definitions given in Qs** even when they deviate from your own / national definitions
- Answer all questions. If certain questions are **not applicable** or **not relevant** indicate n/a
- If hard or precise data is not available, provide a **best estimate**



General Principles

**Black font →
questions**

**Blue font
and in italics →
definitions,
explanations
or examples**

2. Description of the SLM Technology

An SLM Technology is a practice applied in the field that controls land degradation and/or enhances productivity. A technology consists of one or several measures, such as agronomic, vegetative, structural, and management measures. Site-specific information: Information provided in this questionnaire should strictly refer to the sites that were assessed/analysed during the documentation of the Technology (e.g. through interviews with land users, field surveys, etc.), although the Technology might be applied or be applicable in a wider area.

2.1 Definition of the Technology

Describe the Technology in one sentence containing key words. The definition of a Technology is very important for searching the database.

.....

.....



2.2 Description of the Technology

The description should provide a concise but comprehensive picture of the Technology to outsiders and addresses key questions such as: (1) Where is the Technology applied (natural and human environment)? (2) What are the main characteristics/elements of the Technology (including technical specifications)? (3) What are the purpose/functions of the Technology? (4) What activities and inputs are needed to establish/maintain the Technology? (5) What are the benefits/impacts of the Technology? (6) What do land users like/dislike about the technology? (max. 2500 characters). Fill in this information at the beginning but revise the description when you have completed the questionnaire.

.....

.....

.....

.....

.....



must be answered in consultation with land users.



require measurements or observations in the field.

General Principles: types of questions

Open questions



2.2 Description of the Technology

The description should provide a concise but comprehensive picture of the Technology to outsiders and addresses key questions such as: (1) Where is the Technology applied (natural and human environment)? (2) What are the main characteristics/ elements of the Technology (including technical specifications)? (3) What are the purpose/ functions of the Technology? (4) What activities and inputs are needed to establish/ maintain the Technology? (5) What are the benefits/ impacts of the Technology? (6) What do land users like / dislike about the technology? (max. 2500 characters). Fill in this information at the beginning but revise the description when you have completed the questionnaire.

.....

.....

.....

.....

Square boxes must be ticked



3.1 Main purpose(s) of the Technology

Several answers possible.

- ☐ improve production (crop, fodder, wood/ fibre, water, energy)
- ☐ reduce, prevent, restore land degradation (soil, water, vegetation)
- ☐ conserve ecosystem
- ☐ protect a watershed/ downstream areas – in combination with other Technologies
- ☐ preserve/ improve biodiversity
- ☐ reduce risk of disasters (e.g. droughts, floods, landslides)

If 'several answers possible' is not indicated, tick only one box

General Principles: help

1.2 Contact details of resource persons and institutions involved in the assessment and documentation of the Technology

Key resource person(s)

i Person(s) who provided most of the information documented in this questionnaire. These can be land users, or SLM specialists (e.g. technical advisors, researchers) or any other persons.

Define type of key resource person:

☒ **land user** **i**

☐

☐

☐

☐

the person/ entity who implements/ maintains the Technology(ies). The term land user may refer to individual small-/ large-scale farmers, groups (gender, age, status, interest), cooperatives, industrial companies (e.g. mining), government institutions (e.g. state forest), etc.

☰ Table of Content

i Help

Go Back without saving

1. General information



Save (2 / 6)

General Principles: photos and illustrations

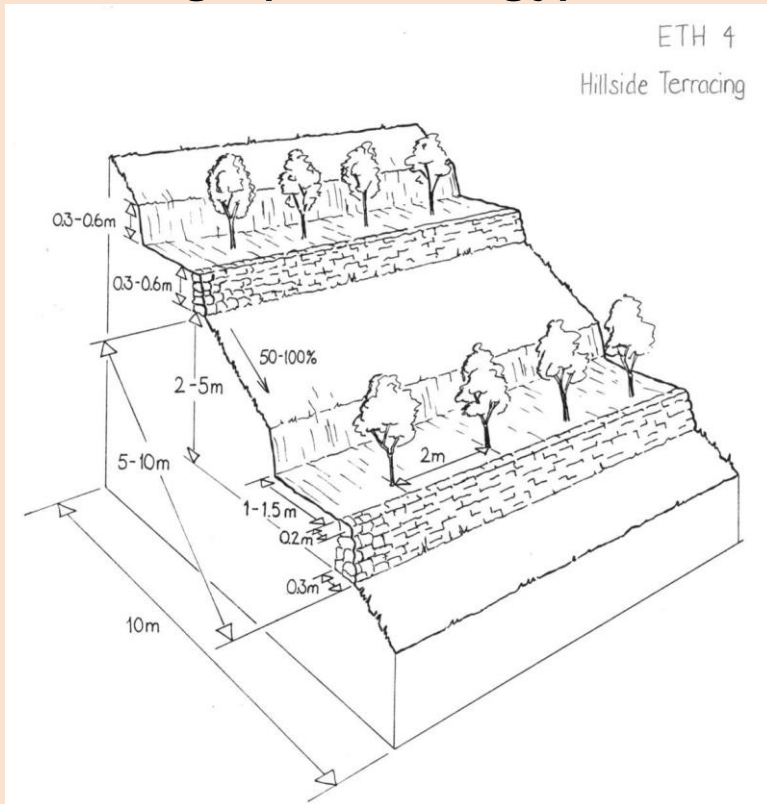
Good photos



- photos showing overview/ details/ action of the Technology/ Approach
- at least two digital files (JPG, PNG, GIF)
- maximum file size: 3 MB.
- high quality/ high resolution and not manipulated or distorted.
- explanation (description) required for each photo submitted!
- should match the description given in 2.2.

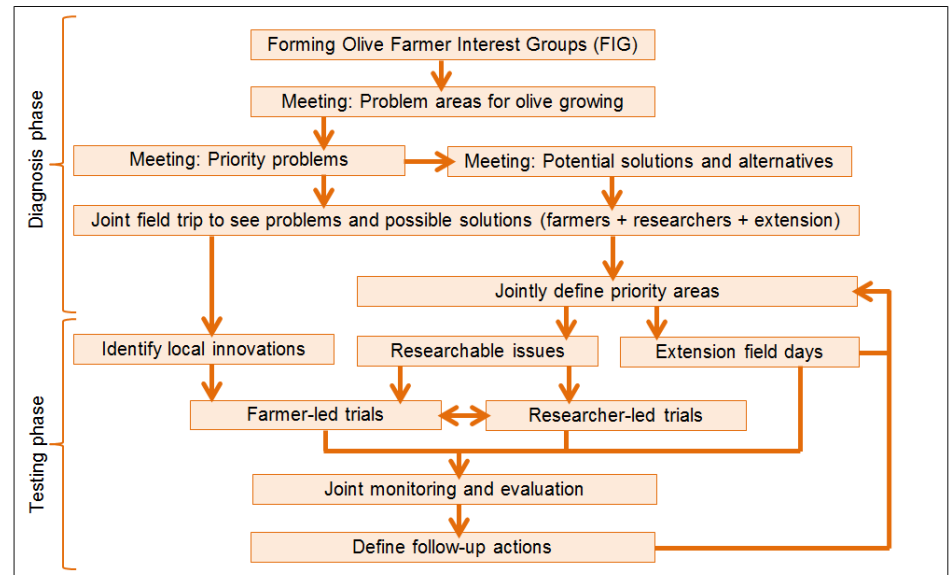
General Principles: photos and illustrations

Comprehensive & detailed drawings (technology)



Flow chart (approach)

Example: Process of Participatory Technology Development through close researcher-farmer interaction in Syria.



Scan drawing and upload. Supported file types: PDF, JPG, PNG, maximum file size: 3 MB.



QT/A p.5

1.2 Contact details of resource persons and institutions involved in the assessment and documentation of the Technology

Compiler

The person who conducted the interviews, compiled the information, and filled in the questionnaire.

Last name: First name(s): ☐ female
☐ male
 Name of institution:
 Address of institution:
 Postal Code: City:
 State or District: Country:
 Phone no. 1: Phone no. 2 (mobile)
 E-mail 1: E-mail 2:
 Optional: Add a photo of the compiler and indicate filename here:

Key resource person(s)

Person(s) who provided most of the information documented in this questionnaire. These can be land users, or SLM specialists (e.g. technical advisors, researchers) or any other persons. If several land users and/ or SLM specialists are involved, write the name of the main resource person and their institution below, and add details of the other person(s) in Annex 1.1

Define type of key resource person: ☐ Land user¹ ☐ SLM specialist ☐ other (specify):

.....
 Last name: First name(s): ☐ female
☐ male
 Name of institution:

1.3 Conditions regarding the use of data documented through WOCAT

When was data compiled (in the field)?:

The compiler and key resource person(s) accept the conditions regarding the use of data documented through WOCAT:

☐ yes ☐ no

Note: If you do not accept the conditions regarding the use of data documented through WOCAT, you will not be able to enter and edit data in the WOCAT database.

Conditions regarding the use of data documented through WOCAT

- Data captured through WOCAT questionnaires will be entered, edited, and stored in the WOCAT online database by the compiler or a data entry person assigned by the compiler. Overall responsibility for compilation and data quality lies with the compiler. The compiler, resource persons, and data entry person will be recorded and given credit for the data in the database as well as in any compilation or publication of the documented technology.
- Data stored in the WOCAT database are open access.
- Data are made available for users under the [Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License](#).



QT/A p.6

2.5 Country/ region/ locations where the Technology has been applied and which are covered by this assessment



- sign up to the WOCAT Network
- **register for WOCAT**

This is a beta version Optimized for [Chrome](#) and [Firefox](#) – Feedback: [Fill out the survey](#).

WOCAT

Technologies Approaches All SLM practices Search SLM data ...

Advanced filter

Login English

Primary recommended database


Global Database on SLM

The WOCAT database on SLM practices (Technologies and Approaches) contains a vast range of good practices from all over the world.

[View SLM Technologies](#) [View SLM Approaches](#)

[View WOCAT and UNCCD SLM practices](#)

[Add new SLM Technology](#) [Add new SLM Approach](#)



www.wocat.net/en/sitefunctions/create-a-new-account.html


www.wocat.net/en/methods/start-with-wocat/getting-started-with-wocat.html

www.wocat.net/fileadmin/user_upload/documents/Methods/WOCAT_registration_process_en.pdf

How to register for WOCAT?

1. go to www.wocat.net
2. click on [Test version of new WOCAT-UNCCD database](#) (right)
3. click on “login”

This is a beta version Optimized for [Chrome](#) and [Firefox](#) - Feedback: [Fill out the survey](#).



Login

E-mail address:

Password:

Login


No login?

If you do not yet have an account, click here.

Forgot your password?

Please visit WOCAT

About | FAQ | Contact



ABOUT WOCAT WOCAT STORIES KNOWLEDGE BASE

Institution information

Institution [Enter first name] --- Not a name

Personal information

Mr/Ms: * ☐ Mr ☐ Ms

First name *

Title

Department

Your function ☐ SLM specialist ☐ SLM specialist implementer ☐ SLM specialist designer ☐ SLM specialist programmer

Experiences ☐ Questionnaire ☐ Questionnaire ☐ Questionnaire ☐ Watershed ☐ Climate Change ☐ other, please specify

Key work topics ☐ Water management ☐ Soil and land use ☐ Crop management

Additional information

Telephone Phone 2
e.g. +41 31 631 88 22

Fax Fax 2

Second Email Language English

Comments:

Newsletter

Receive news on any of these subjects? ☒ WOCATEER
We send about 4 annual newsletters. The subscription can be canceled whenever needed.

Login information

E-mail *

Password * Repeat Password

Security check

Please enter here the word as displayed in the picture. This is to prevent spamming.

If you can't read the word, [click here](#).

Please complete all required fields *

Create account

4. → fill in the form

How to access and navigate the database?

This is a beta version. Optimized for [Chrome](#) and [Firefox](#) – [Feedback: Fill out the survey.](#)

WOCAT

Technologies Approaches All SLM practices Search SLM data ...

Advanced filter

UNCCD
Primary recommended database


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[View WOCAT and UNCCD SLM practices](#)


[Add new SLM Technology](#) [Add new SLM Approach](#)



- Responsive design!
- Currently being tested by UNCCD Focal points and you!!!



WOCAT Approach database



Primary recommended database

Welcome to the SLM Approach data entry form.

You are about to add a new Approach. Start by editing the general information section.

Creation: -
Update: -
Compiler: -
Editor: -

Save SLM Approach

1. General information

Edit this section (0/5)

2. Specification of the SLM Approach

Edit this section (0/8)

3. Participation and roles of stakeholders involved

Edit this section (0/3)

4. Technical support, capacity building, and knowledge management

Edit this section (0/4)

5. Financing and external material support

Edit this section (0/5)

6. Impact analysis

Edit this section (0/1)

7. Conclusions and lessons learnt

Edit this section (0/4)

References and links

Edit this section (0/1)

Table of Content

Help

- different **languages** (English, French, Spanish)



Quality Assurance of Data

Quality assurance

(Self-) Evaluation



External Review



(Self-) Evaluation

Use questionnaire and entering of data into database as a (self-) **evaluation tool**

→ quality of results entirely depends on the quality of contributors (your) and land users' answers

- often fragmented knowledge
- identify gaps and contradictions
- question and evaluate current perceptions and field experiences
- reflect own experiences
- show potential for improvements

Examples:

All aspects involved in SLM need to be questioned critically.

How and why does a Technology or Approach (not) work? Under which conditions?



Respondent: "Maintenance costs of the technology amount to 1221 US\$/ha/yr."

WOCAT: "Looks high, please list the activities and materials involved."

Respondent: "Sorry, I meant 122 US\$/ha/yr."

Role of Research:

Addressing knowledge gaps,
contradictions, misconcepts, ...



External review

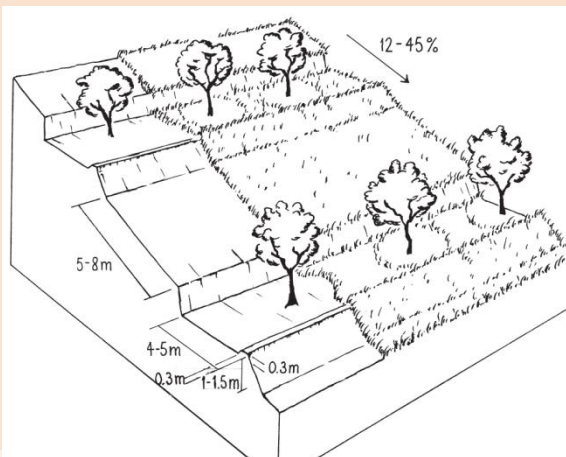
Identify a multidisciplinary review team (national, regional, external) to:

- make an assessment of data
 - completeness,
 - comprehensiveness,
 - readability and
 - quality
- counter-check the data

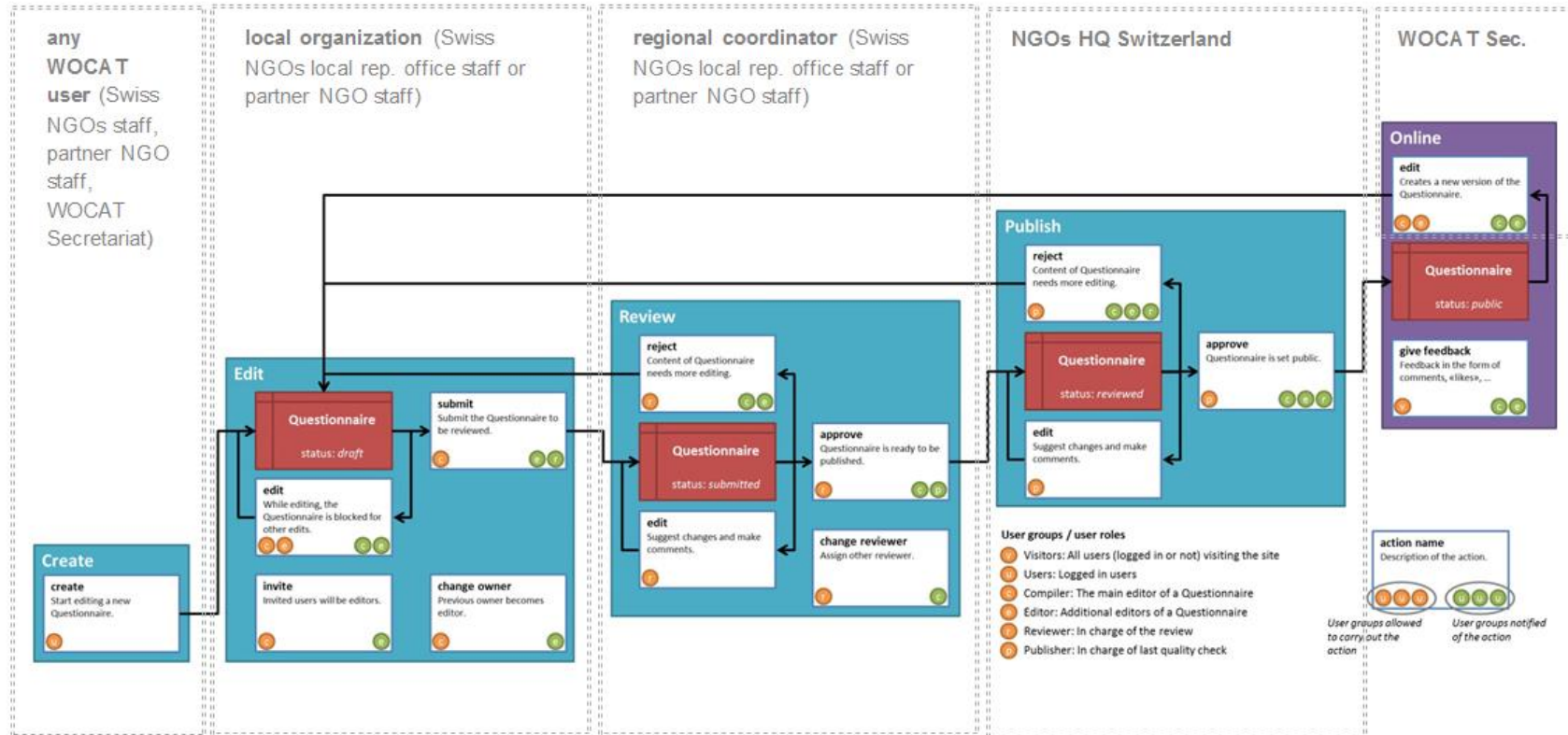
→ cyclical process

Most difficult questions

- summary description: sufficient level of detail
- incentives
- economics: costs / benefits
- impact (ecological, social)
- technical drawing / photograph / GoogleEarth file



WOCAT data review workflow



Review Process: The compiler of the Technology or Approach can invite other editors which are adding information and reviewing what has been written by the compiler. The compiler is responsible to submit the T or A to the reviewer, once it is complete.

In case that the NGO HQ is publishing the Ts/As and NOT the WOCAT Secretariat, the WOCAT Sec. would have the possibility to revise online Ts and As and if changes are necessary create a new version of the questionnaire asking the compiler to do the necessary changes.

For further information visit:
www.wocat.net

or contact the WOCAT Secretariat:
wocat@cde.unibe.ch



« learn from those who have done it »

