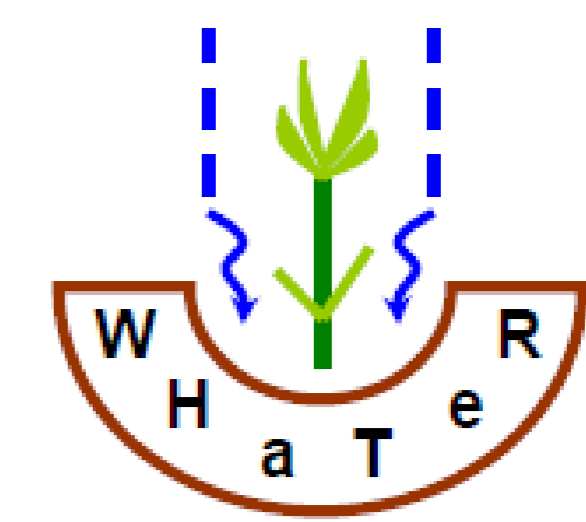




Water Harvesting Technologies Revisited



Potentials for Innovations, Improvements and Upscaling in Sub-Saharan Africa

<http://whater.eu>

CONTEXT

Agricultural constraints in Sub-Saharan Africa :

- highly variable rainfall
- frequent drought
- scarcity of irrigation water
- conflicts over water use

WHaTeR OBJECTIVES:

- to help strengthen the potential and sustainability of rainfed agriculture in Africa
- to contribute to food production and security
- to improve rural livelihoods

Impact on agricultural productivity and livelihoods



WHaTeR Project 2010-2014

Implementation in 3 phases

Phase 1 (month 0-9) :

Revisits and situation analysis (Work Package 2) of WHTs in a total of 15 countries throughout Sub-Saharan Africa.

Communication and interaction plan for stakeholder interactive learning (part of Work Package 3).

Results : evidence-based criteria for WHTs in reports to serve as an input into the delineation of focal points for the RTD activities of the remainder Work Packages.

Phase 2 (month 10-36):

Thematic and country-based RTD activities in Burkina Faso, Ethiopia, South Africa and Tanzania.

Results : in-depth assessment, testing and refining of WHT-aspects in the target countries.

Cross-country thematic RTD activities investigating:

- WHT impact on environmental stability and ecosystem goods and services (Work Package 4),
- WHT impact on livelihood improvement (Work Package 5),
- Technological improvement and innovation of WHTs (Work Package 6),
- Uptake and upscaling of WHTs (Work Package 7),
- Global and regional drivers of change and their impacts on WHTs (Work Package 8)
- Stakeholder interaction and communication (Work Package 3).

Country-based RTD activities addressing:

- the efficiency, effectiveness and acceptability of WHTs for different environmental settings, at farm-community level (Work Packages 9 and 10)
- catchment level (Work Packages 11 and 12)

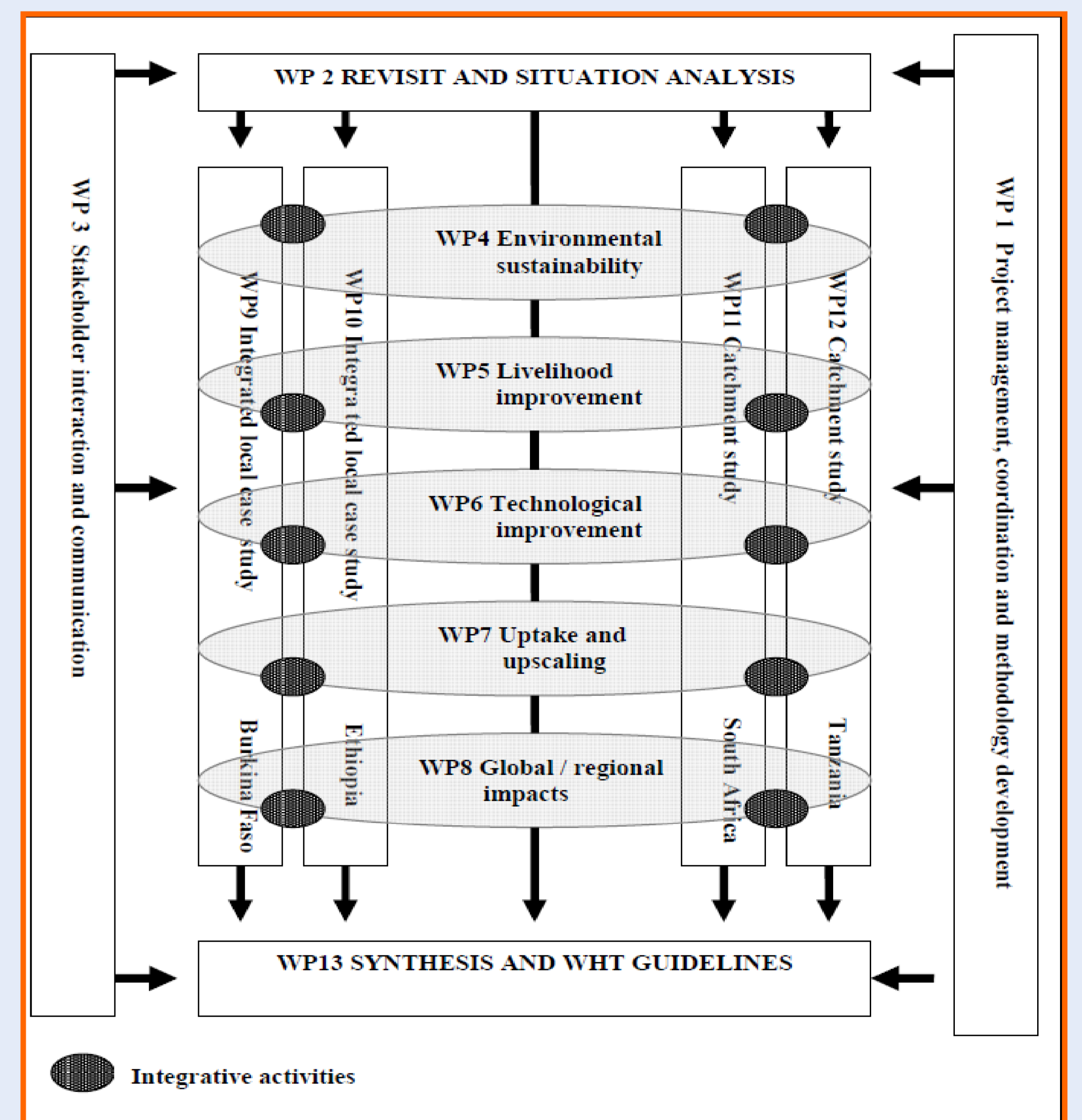
Phase 3 (month 37-48):

Synthesis, WHT guidelines and policy formulation

Consortium

Institution	Country
VU University Amsterdam (VUA) - Coordinator	Netherlands
Arba Minch University	Ethiopia
Institut d'Environnement et de Recherches Agricoles (INERA)	Burkina Faso
Sokoine University of Agriculture (SUA)	Tanzania
Southern & Eastern Africa Rainwater Network (SEARNET- ICRAF)	Kenya
Stockholm Resilience Centre / Stockholm University (SRC)	Sweden
University of Newcastle Upon Tyne (UNEW)	United Kingdom
University of KwaZulu-Natal (UKZN)	South Africa

WHaTeR PROJECT: STRUCTURE, METHODOLOGY AND RESULTS



WHaTeR project structure with distribution of the country-based and cross-country thematic Work Packages (WPs)

