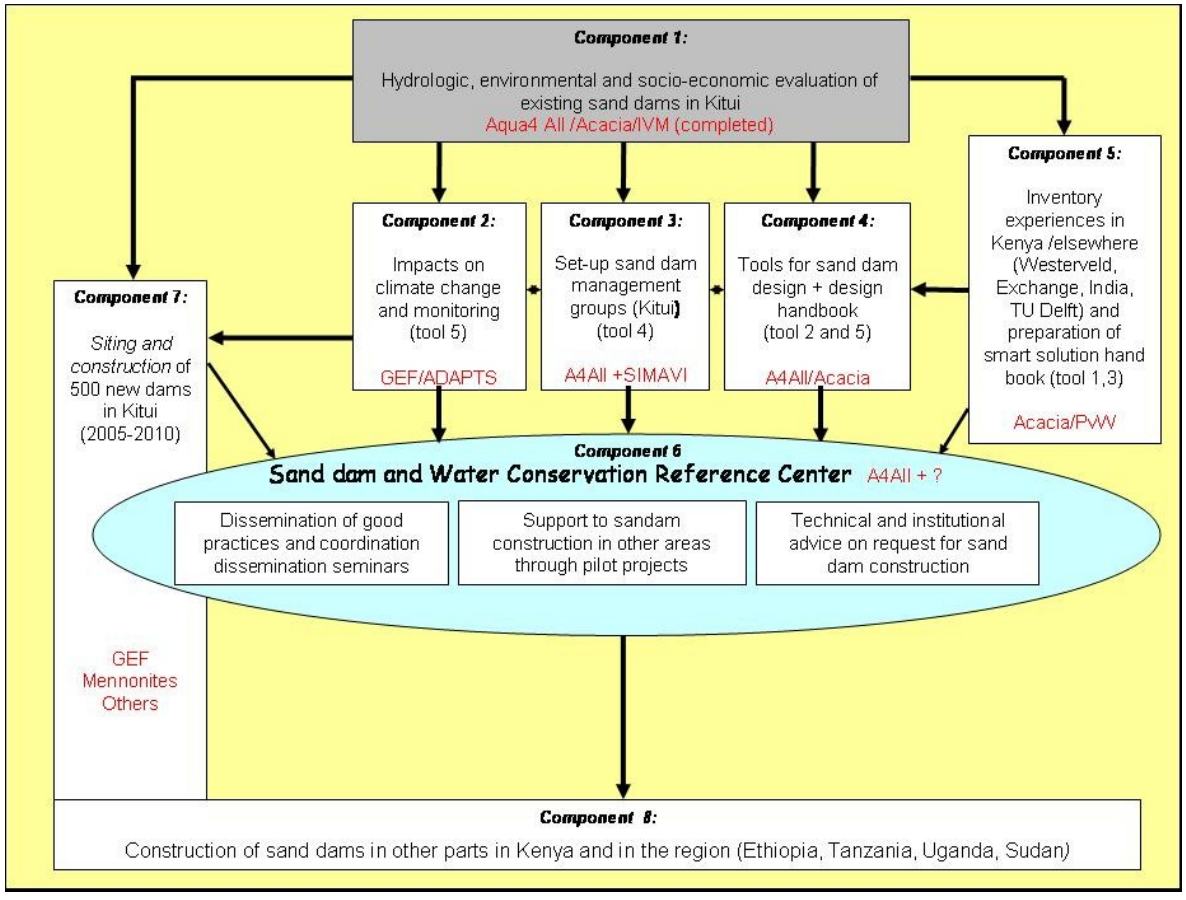
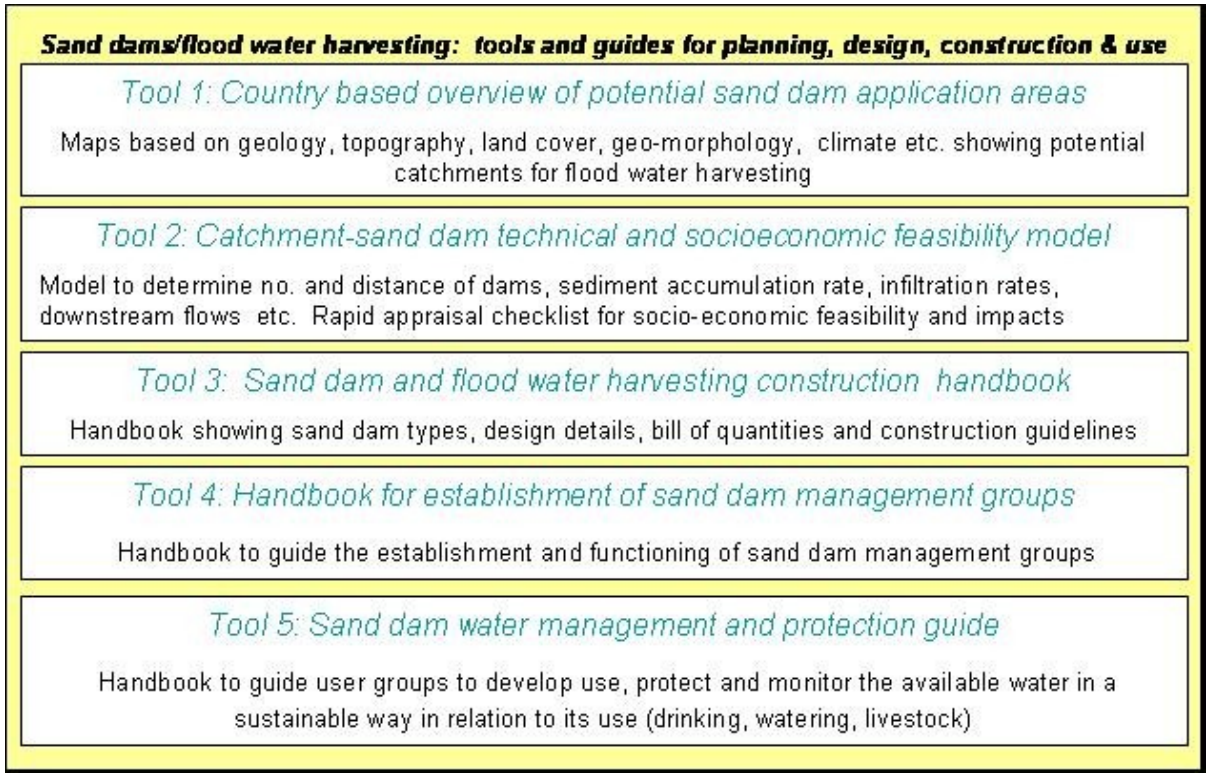
Annex 1: Project components and tools to be developed





Annex 2
Component 6 Sand Dam and Floodwater Harvesting Reference Center

Purpose

- center for information on floodwater harvesting and sand dam planning, design, construction and management, where good practices and lessons learned are systematically stored and easy available for others
- focal point for advise, initiation and coordination of floodwater harvesting and sand dam construction projects
- assistance and advise in the design and implementation of pilot projects in areas where there is an interest in application of this technology
- active promotion with Governments and water management institutions to recognize this technology as promising option to improve rural living conditions and include it in national policies, sector development plans and budgets
- dissemination of good practices and lessons learned through a web site and though presentations, workshops, publications etc
- coordinate and disseminate research on sand dam performance (a.o. in relation to climate change, catchment degradation and environmental protection) and technology development

Organization

- Virtual Center hosted and managed by Acacia and SASOL (website based focal point)
- NGO's acting as focal points in Kenya, Ethiopia Tanzania and Uganda for local dissemination and information exchange and to assess, promote and coordinate projects
- International NGO's and Agencies (such as A4A, SIMIVA , IRC and Water Aid) as core partners which use the Center to boost community based construction programmes through their local partners

Outputs

- Information data base
- Upscaling of flood water harvesting and sand dam construction in the four countries
- Promotion in other regions in Africa, Asia and Latin America

Inception Phase

1. Inventory of documented global experiences and lessons learned (covered in component 5)
2. Processing of this information to make it available through the Center web site (partly or fully covered in component 5)
3. Identification of focal points in Kenya, Ethiopia, Uganda and Tanzania
4. Approaching international NGO's and Agencies to create a broad partnership and support for the Center and to identify implementation projects
5. Prepare a plan and for 5 years operation of the Center and explore funding options

Outputs of the Inception Phase

- web site with a broad range of information on sand dams and floodwater harvesting techniques and experiences
- MoU's with focal partners in Kenya, Uganda, Tanzania and Ethiopia
- Network of international NGO's supporting the Center
- Portfolio of potential upscaling projectss

- 5 yearplan for the Center

Annex 3: Budget

Recharge Techniques and Water Conservation in East Africa *Up-scaling & Dissemination of good practices with the Kitui sand dams*

Begroting 2006	Partij	Omschrijving	Total cost	Funding						
				A4All	SASOL	Acacia/VU	SIMAVI	PWN	GEF	PvW/NWP
Component 2 Impacts on climate change										
Preparation proposal			30.000	0					30.000	
Component 3 Development of Sand dam management groups										
prepration/ coordnation	Acacia	5 days	3.500	3.500						
coordination	SASOL	20 days	2.000	1.000	1.000					
support SIMAVI	Simavi	10 days	7.000	0			7.000			
Local comm part consultant	Simavi	50 days	5.000	0			5.000			
Community worker SASOL	SASOL	2 years	10.000	0	1.000		9.000			
Supervision visit	SIMAVI	5 days/ticket/DSA	6.000	2.500			3.500			
Component 4; Water balance and tools for sand dam feasibilityand design										
Students Kenya	Acacia	200 days/tickets	14.000	13.000		1.000				
		instruments	3.000	2.000		1.000				
		other equipment	3.000	2.000		1.000				
Supervision Netherlands	Acacia/VU	30 days VU	20.000	7.000		13.000				
Supervison visits	Acacia	15 days ,2 tickets,DSA	12.000	12.000						
Supervision	PWN	total	10.000	0				10.000		
Coordination	SASOL	40 days	4.000	2.000	2.000					
Component 5: Inventory experiences and preparation construction hand book										
Total			27.000	0		2.000				25.000
Component 6: Sand Dam Reference Center: Inception Phase										
Preparation Holland	Acacia	14 days	9.800	7.800		2.000				
Vsit to region	Acacia	12 days , ticket, DSA	10.000	9.000	1.000					
Student assistent	Acacia	5 month	2.000	0		2.000				
Website design	Acacia	lumpsum	5.000	3.000		2.000				
SASOL technical expert	SASOl	1 year	5.000	5.000						
Subtotal			188.300	69.800	5.000	24.000	24.500	10.000	30.000	25.000
Contingencies			8.000	7.000		1.000			0	0
TOTAL			**196.300**	**76.800**	**5.000**	**25.000**	**24.500**	**10.000**	**30.000**	**25.000**