



# ACTED

JOB TITLE: Permaculture Consultancy

Department: Program

Location: Akobo, Eastern Jonglei, South Sudan

Date of Advert: 14/07/2017

Date of Closure: 03 /08/2017

Reporting to: Area Coordinator



## 1. Background

South Sudan is facing a complex protracted humanitarian crisis with socio-economic, political and environmental dimensions, underscored violent conflict. Jonglei state is not spared by the crisis as the state hosts the second highest reported numbers of internally displaced persons in the country after Unity State.

Since 2013, the state has witnessed mass population movements driven by regular clashes between government and opposition forces, as well as frequent and violent inter/intra-clan warfare in and around Akobo, in greater Jonglei and Upper Nile states.

Akobo is currently on level 3 (Crisis) of the IPC index but the situation is expected to be worsening in the upcoming period following significant flooding and rainfall levels resulting in negative effects on harvests. The high rates of households affected by cattle raiding and animal disease are also of concern given the importance that Nuer households place on livestock. As a result Akobo is expected to move into IPC level 3 (Crisis).

Since 2015 ACTED has been working on strengthening the resilience of the Akobo population through Agro-Pastoral Field Schools (APFS), which have been trained on a wide range of topics including agriculture principles, crop production, vegetable production, PESTS and disease control management, harvesting, food reduction losses and livestock productivity.

ACTED currently works with 900 beneficiaries in 30 APFS groups in 30 villages in Akobo East County and is the FSL Sub-Cluster lead. In line with ACTED's belief in pastoral sustainability, soil preservation and

IPC CLASSIFICATION FOR SOUTH SUDAN FOR JUNE-JULY 2017

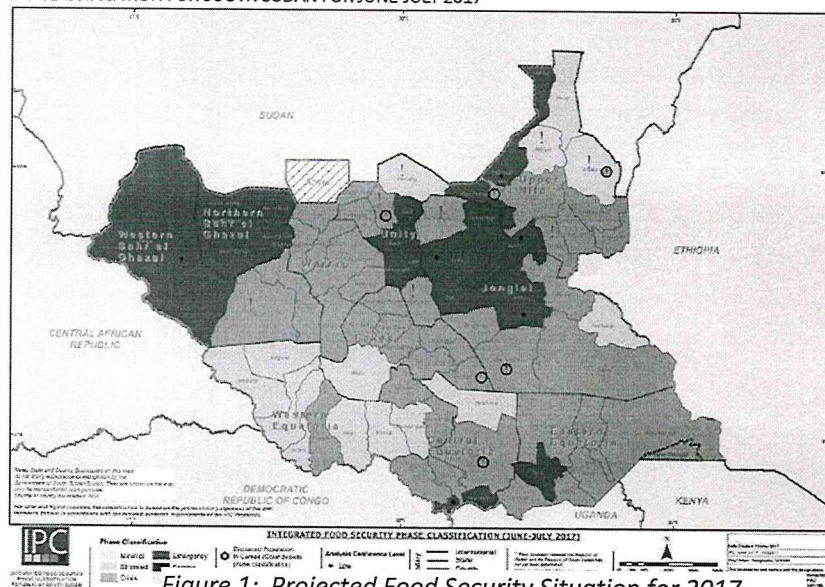


Figure 1: Projected Food Security Situation for 2017,







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organic food production and building on the progress of the APFS over the years we, together with the French Embassy in Juba, introduced an original permaculture component in Akobo, Jonglei state.

## 2. Purpose & Objective

ACTED intends to establish 30 perma-gardens in the 30 already existing APFS groups in Akobo East County with the aim to promote sustainable and self-sufficient agriculture. The role of the permaculture consultant will be to (1) assess, (2) develop and (3) implement a permaculture design suitable for Akobo and train 30 Community Based Facilitators (CBFs) as well as 8 staff in the ACTED Food Security & Livelihoods team on the principles and practical application of permaculture.

Both the CBFs and ACTED staff will then train the remaining APFS members on the permaculture design and will regularly monitor the works at the perma-gardens. Each perma-garden will be provided with tree seedlings, tree seeds and tools (hoes, rakes, etc.) to support the establishment and maintenance of the gardens. As ACTED adopts a community-based, participatory approach through its programming, it is expected that the APFS members will disseminate information about the positive consequences of permaculture and replicate similar designs in their own private gardens.

APFS Objective/Result Matrix					
Objective	Type of Indicator	Indicator	Baseline	Target	Risks
Increased soil preservation and agricultural diversification through increased knowledge of ecosystems management and practices of permaculture	Output Indicators	Number of perma demo plots established	0	30	(1)Population influx into the areas of operation
		Number of APFS members trained on permaculture	0	900	(2)Significant inter-state or cross border epidemic outbreak
		Percentage of women trained on permaculture	0%	50%	(3)Lack of sufficient & effective governmental structures
	Outcome Indicator	Percentage of APFS members who demonstrate knowledge of permaculture	0%	70%	(4) General security and economic instability
		Percentage of APFS members who implement permaculture gardens in their own farms	0%	TBD	

Overall, ACTED's permaculture component intends to feed into the comprehensive regional food security programming developed with stakeholders such as Swiss Development Cooperation (SDC) and French Embassy and improve food and nutrition security among the Akobo population through:

- (a) *Better* agriculture practices
- (b) *Stronger* resilience to external shocks







### 3. Consultancy & Expected Deliverables

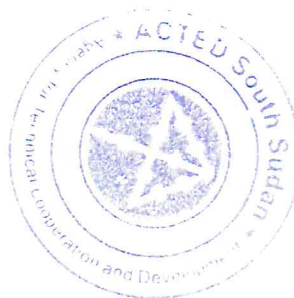
ACTED is looking for a Permaculture consultant to work with ACTED in Juba and Akobo County, Jonglei for approximately 36 days to support ACTED's permaculture component.

The following table outlines the expected deliverables to be performed by the Permaculture Consultant during this consultancy

Overview of Expected Results				
Phase	Task/s	Detail	Location	Duration
I	Area-specific background research, mapping and data analysis	a) Akobo geography b) Seasonal calendar c) Rainfall data study d) Crop assessment data e) IPC data f) REACH flood mapping g) APFS mapping	Juba	3 days
II	Assessment of Akobo soil and development of Akobo-specific permaculture design	a) Rapid natural resource inventory b) Understanding of: <ul style="list-style-type: none"> <li>i. Flora &amp; fauna</li> <li>ii. Soils</li> <li>iii. Water, water patterns, catchment areas</li> </ul>	Akobo	7 days
III	Training of 30 Community Based Facilitators and 8 ACTED staff on permaculture principles and design	a) Theoretical presentations (face-to-face/video) <ul style="list-style-type: none"> <li>i. Basic: 30 CBFs</li> <li>ii. Professional: 8 ACTED FSL team</li> </ul> b) Practical training <ul style="list-style-type: none"> <li>i. Basic: 30 CBFs</li> <li>ii. Professional: 8 ACTED FSL team</li> </ul>	Akobo	24 days
IV	Prepare a follow-up actions and recommendations document for ACTED FSL team	a) Comprehensive & Akobo-specific document on follow-up actions of and upgrades to APFS perma-gardens	Akobo/Juba	2 days

### 4. Key Challenges

- The population of Akobo East County typically engages in agriculture activities that focus primarily on sorghum and okra cultivation. These staple crop and vegetable are noticeably the most popular agricultural produce in the area and introducing new crops and vegetables as well as new techniques and approaches to farming proves slow.
- The concepts and principles of permaculture are complex and labour-heavy, which may pose difficulties for some beneficiaries.





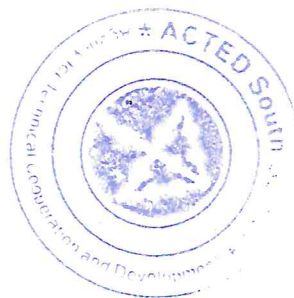
- The Akobo area is characterized by Loamy Soil and generally flat terrain with a notable absence of rocks or pebbles. The soil is therefore fertile, which should be considered an advantage, but the absence of elevation and rocks may leave less room for utilizing full permaculture potential.
- The rainfall data for Akobo shows periods of drought in the months between January and March and periods of severe rainfall in the months of July, August and September. The uneven and extreme rainfall may negatively impact the degree to which perma-gardens facilitate improved food and nutrition security in Akobo.
- Persistent insecurity may render some parts of Akobo East County, where perma-gardens are to be located, inaccessible.
- Harsh climate may pose limitations to daily work output and be otherwise strenuous.

## 5. Qualification and Experience

- A postgraduate diploma on permaculture and/ or at least 2-5 years' experience working with small holder/ rural farmers on climate resilient farming and permaculture design
- Vast experience planning, designing and establishing perma/ home gardens in rural settings as well as displacement settings with space/land constraints
- Expertise in designing small scale home based agricultural production systems as well as perma gardens
- Experience undertaking trainer of trainers training for agriculture/ food security implementing staff in topics related to climate smart agriculture, sustainable agriculture and home based agricultural production
- Well versed in topics on climate smart agriculture; evidenced by previous work experience or consultancy experience in the topic (at least 1 sample of written work on similar assignment is expected)
- Experience with water harvesting systems for micro-gardens is advantageous

### *Desired qualities:*

- Flexibility
- Ability to work under minimal supervision
- Resilient and able to work in harsh conditions
- People-centred
- Results- oriented







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## 6. How to Apply

- Applications should be submitted in English, and should include:
  - detailed CV
  - cover letter
  - photocopy of all university degrees
  - photocopy of national ID card,
  - Photocopies of work certificates related to past jobs.
- All applications should be submitted to the ACTED Country Office in Juba (Hai Malakal) in hard copy by August 03, 2017. Or by mail to [juba.adminassist@acted.org](mailto:juba.adminassist@acted.org) ; [tricia.cassidy@acted.org](mailto:tricia.cassidy@acted.org); [mikolaj.radlicki@acted.org](mailto:mikolaj.radlicki@acted.org); [michael.mangano@acted.org](mailto:michael.mangano@acted.org)
- Shortlisted candidates will be contacted by ACTED Human Resources Department within two weeks of the application deadline.
- Application materials are not returnable, therefore applicants are strongly recommended not to submit original documents.
- Note: This position is open to South Sudan Nationals & Women are encouraged to apply