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GREATER BAHR EL GHAZAL RURAL DEVELOPMENT PROGRAMME

ZONAL EFFORT FOR AGRICULTURAL TRANSFORMATION — BAHR EL GHAZAL AGRICULTURAL DEVELOPMENT (ZEAT-BEAD)

7TH QUARTERLY REVIEW MEETING
(22-23 NOVEMBER 2017)
JUBA

Project Details

Project title: Enhanced Local Value Addition and

Strengthening Value Chains

Total duration: 35 months (1 Feb 2015 to 31 Dec 2017)

Original completion date: 31 January 2017

Revised completion date: 31 December 2017

Total budget: Euro2,000,000

Target area: Greater Bahr El Ghazal Region

Implementing agency: UNIDO

Expected Results

- Output 1: Potential commodities identified and upgrading strategy for at least five value chains finalized
- Output 2: Five upgraded value chains strategies implemented
- Output 3: Capacitated at least 800 actors performing in value chain and practicing the technological and business tools for value addition enhancement
- Output 4: Four self-sustainable fully equipped agroprocessing pilot centres established in selected locations and farmer organizations benefitted directly from project assistance.

Main activities

- Activity 1: Rapid market analysis to identify the potential commodities
- Activity 2: Analysing potential commodities for value chains and formulating upgrading strategy for at least five potential commodities
- Activity 3: Implementing the upgraded strategies for the selected five commodities
- Activity 4: Building capacity of at least 800 actors to operate in the value chain and to increase local value addition.
- Activity 5: Plans and design drawings for four Agroprocessing pilot centres finalised, APC established in selected locations and fully equipped and commissioned.

Present Status

- Ongoing
- Expected end date: 31 Dec 2017
- Achievement of results: about 85%

Progress/Achievements as of October 2017

Activity 1: Rapid market analysis to identify the potential commodities

 Market analysis was conducted in 2015. Results presented before stakeholders during workshops conducted in late 2015 and also during 5th QRM

Activity 2: Analysing potential commodities for value chains and formulating upgrading strategy

- Commodities identified for VA and VCD after market analysis and discussions with the stakeholders include Sorghum, Groundnut, Rice, Hide & Skin and Fish
- Upgrading strategies for the identified commodities formulated; presented before stakeholders for discussions and agreed upon
- Project goal, objectives and plan of action presented to the stakeholders at the state and county level
- 19 Bomas identified in consultations with the partners and stakeholders for implementation of activities related to sorghum and groundnut VC

Sorghum

- Training producer groups on improved post harvest techniques (drying and storage) including primary processing and value addition
- Introduction of manual and mechanised sorghum processing units
- Linking producer groups to the potential buyers and explore new buyers
- Linking producer groups to the nearest processing centres

Groundnuts

- Training producer groups on improved post harvest management techniques including primary processing and value addition
- Introduction of manual shelling machines and mechanised groundnuts oil production unit
- Linking producer groups to the potential buyers and explore new buyers
- Linking producer groups to the nearest processing centres

Rice

- Introduction of power operated paddy ripper
- Introduction of power operated paddy thresher
- Introduction of small capacity rice mill
- Training of farmers on operation and use of ripper and thresher
- Training of farmers on basic maintenance of ripper and thresher
- Training of operators on operation and basic maintenance of rice mill
- Training of managers on business management and book keeping

Hides & Skins

- Training on improved flaying techniques
- Training on improved de-fleshing & de-fatting techniques
- Training on improved preservation and processing methods
- Introducing improved low-cost drying structures
- Developing/improving market linkage by exploring new markets and traders

Fish

- Training of fisher folks on improved preservation techniques (drying and smoking) and production of other VA products
- Training of fisher folks on hygiene and sanitation
- Introduction of low cost drying and smoking kilns
- Developing market linkages through promotion of collective marketing

Activity 3: Implementing the upgraded strategies for the selected five commodities

- Target beneficiaries and stakeholders informed about project goal, objective and action plan.
- Value chain validation workshop conducted to present findings of the value chain mapping of the identified commodities and selection of target locations.
- Thematic workshops conducted for enhancing cooperation, coordination and improved synergy.
- 19 target villages finalized after assessment and in consultations with the stakeholders.
- Target locations identified for rice, fish and H&S.

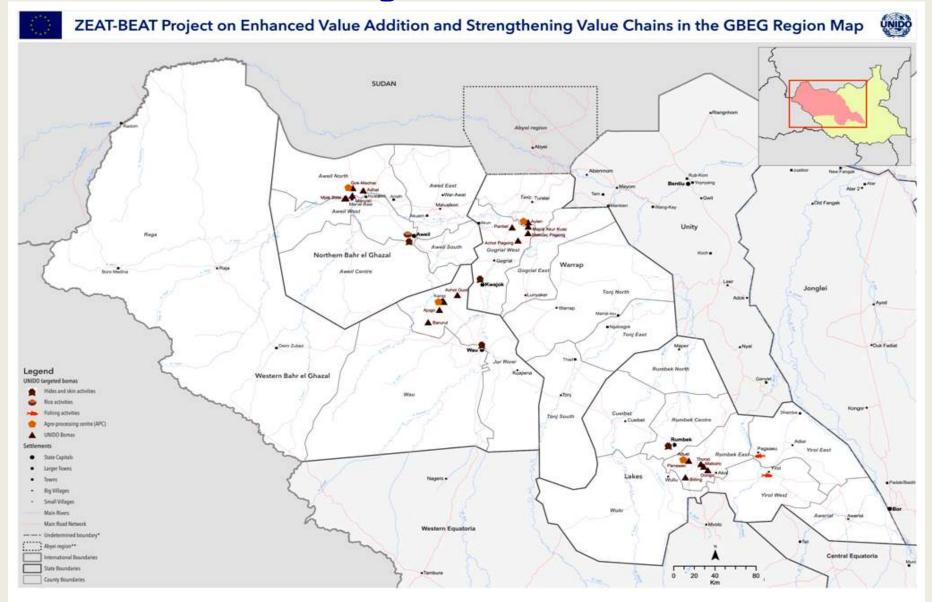
Activity 3: Implementing the upgraded strategies for the selected five commodities

- Technical specification finalized and tools and equipments procured
- Training modules developed for different training activities
- Training manuals developed and printed.
- Different training programmes implemented for the farmers, fisher folks, butchers, flayers, hide and skin processors, traders and other stakeholders.

Selected areas & Commodities for Intervention

#	State	County	Payam	Commodity
1	NBG	Aweil Centre	Aweil Municipality & Aweil Rice Scheme	Hides & Skin and Rice
		Aweil North	Malual North and Malual East	Groundnuts & Sorghum
2	Lakes State	Rumbek Centre	Rumbek Municipality	Hides & Skins
		Rumbek East	Aduel, Aatraba, Pachong	Groundnuts & Sorghum
		Yarol West	Yarol	Fish
3	WBG	Wau	Wau Municipality	Hides & Skin
		Jur River	Kangi, Udici	Sorghum
4	Warrap	Gogrial West	Kwajok Municipality, Alek North	Hides & Skin Sorghum & Groundnuts
		Twic	Turlei	Sorghum

Target Locations



Bomaas selected

State	County	Payam	Bomaa
Warrap	Twic	Turlei	Ayien Amoul
(5)	Gogrial West	Alek North	Makuac Pagong, Majok, Achol Pagong, Panliet
Lake	Rumbek East	Aduel	Billing, Thonic
(5)	Rumbek East	Aatiaba	Dongic, Maboric
	Rumbek East	Pachong	Panawac

Bomas identified

State	County	Payam	Bomaa
NBG	Aweil North	Malual North	Gokmachar, Adhal
(5)		Malual West	Manyiel, Majak Baai, Mathiang,
WBG	Jur River	Kangi	Kangi, Ajugo
(4)		Udici	Barurud, Achol Guot
		Total	19 Bomaas

Activity 4: Building capacity of at least 800 actors to operate in the value chain

- 20 artisans trained on fabrication of different types of metal bins and silos.
- 475 (170 F) trained on improved post harvest management practices and storage of food grain crops.
- 200 metallic bins and 500 PICS bags distributed after training.
- TOT on PHMS of food grain crops for govt officials & extension agents for 32 participants (5F) in cooperation with WFP.
- 50 fisher folks (6F) trained on improved fish handing, preservation and marketing techniques in Lake State.
- Two improved fish smoking oven constructed and set of fish processing tools and equipment handed over.

Activity 4: Building capacity of at least 800 actors to operate in the value chain

- 108 butchers, flayers, processors, traders and government officials trained on improved slaughtering, flaying, de-fatting, preservation and marketing techniques.
- Set of tools and equipment for flaying and H&S processing handed over to the beneficiaries.
- Four stores for hides and skins being constructed.
- 104 (6F) stakeholders and beneficiaries trained on improved business management practices and basic entrepreneurship.
- Aweil Rice Scheme supported with 5000 bags, 1 rice mill, 2 paddy threshers and 2 paddy reapers.
- Two workshops conducted for linking more than 200 small holder farmers to potential buyers and APCs



























Activity 5: Plans and design drawings for four Agroprocessing pilot centres finalised, APC established in selected locations and fully equipped and commissioned

- Four Agro Processing Centers constructed at Kangi (WBG), Gokmachar (NBG), Ayien (Warrap) and Aduel (Lake) and equipped with basic facility for sorghum and Groundnut processing.
- The APCs have been established under PPP mode.
- Business plan prepared and management board established for the APCs.
- Local communities around the APC being sensitized about the facility and terms of use of the facility.
- Waiting shelter being constructed.
- UNOPS constructing market shelter, installation of water facility and pit latrines near the APCs

List of tools and Equipment at APCs

No.	APC	Tools and Equipment	Furniture
1	Aduel	 Groundnut oil mill- 1 Sorghum grinder-2 Groundnut sheller- 2 Mini truck-1 	 Office table-02 Office chairs-06 Cupboard-01 Storage shelf-01 Wooden pallets-10
2	Ayein	 Sorghum mill- 1 Sorghum grinder-3 Groundnut sheller- 1 Mini truck-1 	 Office table-02 Office chairs-06 Cupboard-01 Storage shelf-01 Wooden pallets-10
3	Kangi	 Sorghum mill- 1 Sorghum grinder-3 Groundnut sheller Mini truck-1 	 Office table-02 Office chairs-06 Cupboard-01 Storage shelf-01 Wooden pallets-10
4	Gok Machar	 Groundnut oil mill- 1 Sorghum grinder-2 Groundnut sheller- 1 Mini truck-1 	 Office table-02 Office chairs-06 Cupboard-01 Storage shelf-01 Wooden pallets-10

APC Building and Activities





H&S Store and Market Shelter





Activities for Remaining Period

- Procurement of spare parts for the APC machines and Rice mills
- Training on repair and maintenance of power operated machines.
- Training on use and maintenance of reaper, thresher and rice mill.
- Linking producer groups to the potential buyers
- Linking producer groups to the nearest APC
- Procurement of additional tools and equipment for APCs
- Training of famers on improved groundnut processing methods
- Training of farmers on improved sorghum processing methods
- Construction of waiting shed at the APCs
- Construction of H&S stores

Lessons Learnt

- Geographical coverage was large.
- Number of commodities were many.
- Project duration was quite short for nature of activities.
- Community and stakeholders need regular capacity building and follow up.
- Introduction of power operated machines in rural areas is challenging.
- Importing machines to SS is highly difficult due to lack of interest from the suppliers.
- Availability of spare parts is challenge in SS.
- Limited technical capacity of manpower in GBEG region.
- Cost of machines become very high due to prohibitively expensive local transport cost.

Thank You!!