

Food Security within the WEFEE nexus in Sub Saharan Africa Design workshop

Addis Ababa 18 -19 May 2016

Sudan Country Water Partnership

Women Empowerment – WEFEE nexus (WE – WEFEE Nexus)

Rationale:

- Its' evident that Climate Change impact women disproportionately meanwhile, gender inequalities may compound the situation.
- Adaptation responses that focus on women empowerment will enhance the adaptive capacity of the society and maintain its resilience.
- Experience gained from Sudan showed that during natural disasters (drought) and the consequent deterioration of livelihoods (loss of farm animals and crop failure) men tend to migrate to towns and cities in research of income. Hence, women take the burden of the family custodian and fighting against the harsh environment in search for livelihoods. However, rural women of the Sudan lack the technical know-how, supportive structures (WDCs') and legislations (land tenure).

Rationale:

- Hence, women empowerment through strengthening participation (WDCs'), establishment of collective women farms and training in alternatives livelihoods like sewing and tailoring, food processing and hand crafts will boost the impacts of the adaptation interventions.
- Beside that the project will also work to revive the two practices of school and home gardens.
- The project will draw from the immense experience generated from the two NAPA Follow Up Projects.

Suggested activities:

The project is suggested to establish 4-5 women collective farms in the different fragile ecosystem with as estimated cost of € 200,000 (excluding management cost)

Water Harvesting:

- Development of rainfall runoff models.
- Design, construction and maintenance of water harvesting structures (Hafeers and Dams).

Agriculture and animal production:

- Drilling of wells and solar pumping and Introduction of supplementary irrigation..
- Stabilization of sand dunes and establishment of enclosures.
- Adoption of conservation agriculture and use of crops and agricultural wastes.
- Introduction of adaptable and improved crop varieties.

Suggested activities:

Agriculture and animal production:

- Supplementary feeding for milk production and fattening and to increase twin percentage.
- Restocking of poultry and goats.
- Introduction of horticultural trees and vegetables.
- Drilling of wells and solar pumping and Introduction of supplementary irrigation..
- Stabilization of sand dunes and establishment of enclosures.
- Adoption of conservation agriculture and use of crops and agricultural wastes.
- Introduction of adaptable and improved crop varieties.
- Supplementary feeding for milk production and fattening and to increase twin percentage.
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Pre-identified fund raising options:

- Federal and state ministries of agriculture, water, animal production and finance
- Higher Council for Environment and Urban and Rural Promotion
- Ministry of Water Resources Irrigation and Electricity

Challenges to be overcome within the program development phase:

- Donor's commitment
- Definition of partner's role (project implementation).
- Development of the project structure and definition of staff role.
- Development of an M&E strategy for the project
- Development of an exist strategy and assurance of the project sustainability after phasing out.
- Development of a communication and knowledge sharing strategy.

components

Components/Thematic areas	Women and youth in the water and food security challenge
1 Trans-boundary	1. Enhancement of regional trade, peace and security
2 National policies and plans	1. Policy change in support of small holders especially women and youth. 2. Technology transfer to rural areas e.g. post-harvest loss reduction. 3. Provision of micro finance services. 4. Encouragement of mixed farming. 5. Enhancement of organic farming and climate smart agriculture. 6. Promotion of micro-industry (commodity value chain)
3 No/Low regret project preparation	1. Introduction of water harvesting and supplementary irrigation. 2. Introduction of solar pumping for irrigation. 3. introduction of conjunctive use of surface and ground water 4. Introduction of agro-forestry techniques.
4 Improving access to financing for water and food security investments	1. Community organization to facilitate access to micro-finance.

5 Demonstration projects	Establishment of women and youth Collective Farms
6 Knowledge management	<ol style="list-style-type: none"> 1. Documentation of best practices of the relevant projects especially NAPA fellow up LDCF and NAPA fellow up CIDA projects. 2. documentation and dissemination of indigenous knowledge 3. Documentation and dissemination of the success stories and best practices of the WEFE nexus project.
7 Capacity building	<p>(To be partly financed from the local/ national component)</p> <ol style="list-style-type: none"> 1. Community organization and capacity building on the relevant issues like organization of meetings, revolving funds and book keeping 2. Provision of agriculture and vet extension services 3. Training in food processing, sowing and tailoring, use of energy alternatives and home and public hygiene 4. Adult education.

Thank you very much for your attention