

CRITICAL ECOSYSTEM PARTNERSHIP FUND

Environmental Impact Assessment and Environmental Management Plan

6/9/2019

**Society for women and vulnerable Groups Empowerment (*SWOVUGE*)
Ukpom Community Mangrove Restoration and tree planting Project, Nigeria
Akwa Ibom State, Nigeria**

Grant summary

1. Grantee Organization
Society for women and vulnerable groups empowerment (SWOVUGE).
2. Grant Title
Ukpom Community mangrove restoration and tree planting project, Nigeria.
3. Grant Number
4. Grant amount (US Dollars)
\$24,630
5. Proposed dates of grant
1st June 2017 – 31st May 2019 (Extended to 31st September, 2019).
6. Countries or territories where project is located
Akwa Ibom State, Nigeria
Grantee contact
Emem Umoh
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emem_favour@yahoo.co.uk
7. **Summary of the project.**
The Ukpom Community Mangrove Restoration and Tree Planting Project, Nigeria (UCMRaTPN) started on 1st June 2017 in five communities (Ikot Etegehe, Ukpom Okon, Urua Essien -Etuk, Nda Uko and Eka Inwang). The project which is funded under CEPF small grants programme has the following objectives: -
 - (i) To increase community knowledge/capacity in sustainable mangrove forests management.
 - (ii) To restore 10 hectares of degraded mangrove area and protect estimated 50 hectares stretch of undisturbed mangrove (community mangrove forests) using community participatory approach.
 - (iii) To reduce pressure on mangrove forests through the creation of alternative livelihood activities for 200 (100 youths and 100 women in bee farming, snail farming, fruit tree cultivation and adoption of conservation practices (Agro Forestry, sustainable harvesting).
8. Date of preparatory of this document 6th September, 2019.
9. Status of area to be impacted: This section should described the applicant's understanding of the site.

The UCMRaTPN is being implemented in 5 out of about 25 mangrove – dependent communities in Ikot Abasi Local Government Area in Akwa Ibom State. This LGA form part of the South East Niger Delta Region (fw 10). It is bounded by Oruk Anam LGA on the north, Mkpato Enin and Eastern Obolo LGAs in the South and the Atlantic Ocean in the South. Major occupation in Ukpom fishing and farming. There are patches of tropical forests while the contiguous mangrove forests runs roughly parallel to the coast. Threats to mangrove protection include unsustainable exploitation (logging for timber and firewood), overfishing and invasive species invasion. The main causes are poverty, ignorance, deforestation and overexploitation, all resulting in mangrove degradation.

Approach: This section will describe proposed actions during the project. Specifically, what do you intend to do and how will you do it?

Objective I: To increase community knowledge and capacity in sustainable mangrove forests management.

Activities

- 5 – day sensitization workshop in the 5 communities
- Dissemination of project awareness materials within the communities.
- Pre and post survey test to assess the level of knowledge on mangrove forest management.

Objective II: To restore 10 Hectares of degraded mangrove area and protect estimated 50 Hectares stretch of undisturbed mangrove (community mangrove reserve) using community participatory approach.

Activities

- Identify and set up a management committee from the different villages and groups
- Train and inaugurate the management committee and develop bye-laws
- Draft a 5 – year community mangrove management plan through a participatory approach.
- Management of seedlings in degraded areas
- Establish a local conservation group (LCG) with individuals drawn from each village and build their capacity (train) to function as community scout/rangers to manage and protect the sites.
- Organise a 10-day workshop (2 days/village) on mangrove restoration (regeneration), tree planting, mangrove management, sustainable harvesting.

Objective 3: To reduce pressure on mangrove forests through creation of alternative livelihood activities for 200 (100 youths and 100 women) in Aquaculture, bee farming, snail farming, fruit tree cultivation and adoption of conservation practices (Agro Forestry and sustainable harvesting).

Activities:

- Establish a nursery of 3,000 seedlings from propagules
- Carry out transplanting of seedlings in degraded area
- Identify 200 beneficiaries for each of the proposed livelihood activities.
- Carry out a 10-day workshop (2 days/village) and train beneficiaries on the selected alternative livelihood activities (now poultry farming)
- Procure equipment for poultry farming.
- Set up 5 poultry farms in 5 communities
- Establishment of woodlot on private or commercial land (planting and management of fruit trees)
- Map out community lands, schools etc for planting of economic fruit trees
- Purchase, plant and manage 5,000 seedlings of various species of fruit trees for example coconut star apple, sweet kola, kolanut etc.

11. **Anticipated impacts:** This section will describe the impact and how this has been determined.

Objective 1: No anticipated impact

- Objective 2: No anticipated impact
 Objective 3: Minimal anticipated impact.

All activities have been designed in line with existing policies of the Akwa Ibom State Environmental Protection and waste management agencies; to have positive impact on the ecosystem/environment. All activities (except poultry farming) are currently already completed in the communities and no negative environmental/social impacts have been identified.

However, the introduction of poultry farming could potentially have an environmental/social impact as highlighted in the table below.

LIVELIHOODS ACTIVITY	RISKS	LIKELIHOOD
Poultry Rearing	Poor knowledge of bio-security and disease prevention.	Low
	(ii) Inadequate handling/storage/usage of disinfectants	Low
	(iii) Waste generation e.g bird excrement, litter (bedding materials such as sawdust)	Low
	(iv) Degradation of nearby surface water resulting from such wastes in (w) above	Low

Summary: Waste generation from poultry farms are in high demand in Akwa Ibom as organic manure for woodlot and nurseries, orchards and farmlands. They are additional source of income as they are repackaged and sold at about \$2 per 50 kg bag.

The proposed sites for establishment of poultry farm is not situated close (less than 1m) to any drinking water or streams.

12. Mitigation measures: Describe measures that will be taken to mitigate negative impacts.

Measures taken were based on best practices as obtained from the policies of the states Environmental Protection and Waste management Agency.

Specific mitigation for poultry farming

LIVELIHOODS ACTIVITY	RISKS	MITIGATION/SAFEGUARD
Poultry	- Poor knowledge of bio-security and disease prevention. - Inadequate handling/storage/usage of disinfectants - Waste generation.	
	(i) The above risks could raise potential health and environmental concerns as sources of compounds, vectors for insects and vermin and pathogenic micro-organisms.	
	(ii) If not handed properly, this could degrade nearby surface and/or ground water resulting from increased loading of nutrients such as nitrogen and phosphorus.	Proposed poultry sites are in areas with low proximity and sensitivity to Environmental impacts, not close to any drinking water or stream.

	(iii) Environmental pollution occurs when manure or litter is applied to the land in excess of the receiving crops capacity to utilize the nutrients.	<p>Poultry farming will not be free range but intensive and closed system.</p> <p>Wastes collected will be recycled as manure woodlot, orchards and plantations in schools, market etc within the 5 communities. Any Excess will be packed and sold (\$2/bag) as the product is in high demand.</p> <p>Only environmentally friendly materials will be used for poultry house constructions.</p> <p>Appropriate training will be used to prevent and reduce incidence of parasites to the minimum.</p>
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13. Actions to ensure health and safety; Describe actions that will be taken to ensure the health and safety of workers as well as the site. Include a description of waste management and/or disposal. Waste Management details are highlighted on (12) above. Health and safety measures are in line with laid down rules of the state’s Environmental Protection Agency.

14. Monitoring and Evaluation: This section aims to outline what steps the proponent will take to monitor and evaluate the impact of the proposed intervention. Indicators on the following will be emphasized at the training for daily consideration and report submitted on a weekly basis on;
 - Application of poultry farming techniques
 - Application of appropriate waste management/disposal techniques.
 - Application of appropriate storage and disinfectants
 - Adherence to Health and safety protocols.
 Weekly follow-up visits will be done to document any issues of environmental and social concerns for appropriate actions.

15. Permission of the landowner: Please verify permission of the landowner to undertake actions on the site and verify that you have the required permits to undertake this work. Land has been made available for poultry establishment by 3 out of 5 participating communities. Letter of support have been received from the 3 communities (Ikot Etege, Urua Essien Etuk and Eka Inwang) and poultry farming will kickstart in these communities.

16. Consultation: This section aims to outline the range of informed consultations that the grantee has had both with experts to optimize the potential for success and with stakeholders, particularly local communities, who are potentially affected by the proposed actions. Include dates of consultations.

STAKEHOLDER	DATE OF CONSULTATION (S)
(i) State ministry of Environment and Mineral Resources	17 th June 2017 (Active project partners)
(ii) Environmental protection and waste management agency	17 th June 2018, July 2019 ongoing

(iii) Paramount Ruler/Clan Head of Ukpom	May 2017, June 2017, November, 2018, June 2019
(iv) Village heads and council members of the 5 communities	May 2017, June 2017, June 2018, June 2019.
(v) Ministry of Agriculture	June 2019

17. Disclosure: CEPF requires that safeguard documents are disclosed to affected local communities and stakeholders prior to project implementation. Please describe efforts to disclose this impact assessment and Environmental Management plan and provide dates.

The project has disclosed and explained initial environmental and social assessment during the first sensitization workshops/training programme in the 5 communities between 27th July 2017 and 3rd August 2017.

Based on the readiness to establish poultry farms in the 3 communities, the project has concluded plans to disclose and explain details of this assessment during the proposed training on poultry farming (Monday, 16th September 2019). This will provide an opportunity for the community to provide further input for the full assessment and express any concerns that may not have been considered.

18. Grievance mechanism: All projects that trigger a safeguard must provide local communities and other relevant stakeholders with a means to raise a grievance with the grantee, the relevant Regional Implementation Team (RIT) the CEPF secretariat or the World Bank.

The Paramount Ruler/Clan Head, village heads, chiefs, women and youth leaders of the 5 communities will be provided a copy of the Environmental and social management plan on all aspects of the project, including details of the grievance mechanism.

Posters have been produced, disseminated and affixed in strategic locations (schools, market, houses) within the 5 communities. Same will be produced prior to poultry farm establishment. Details of grievance mechanism will be included with explanation in local languages and pidgin English during proposed poultry training and construction activities.

Community members will be reminded of the grievance mechanism during daily/weekly follow-up meetings and monitoring by the project representative (LCG, Project co-ordinator etc).

The poster will include the following information:-

Email and telephone contact information for our organization – Project Manager Tel: +234 8060564026, Email emem_favour@yahoo.com

Email and telephone contact information for CEPF Regional Implementation Team.

Email and telephone contact information for local World Bank Office

The email of CEPF Executive Director

cepfexecutive@conservation.org

Should we receive any grievance, we will share all of them – and a proposed response – with the Regional Implementation Team and the CEPF Grant Director within 15 days, if the claimant is not satisfied following the response, they may submit the grievance directly to the CEPF Executive Director at cepfexecutive@conservation.org or by surface mail. If the claimant is not satisfied with the response from the CEPF Executive Director, they may submit the grievance to the World Bank at the local World Bank Office.