LESSONS LEARNT FROM CAPACITY BUILDING EFFORTS FOR LOCAL COMMUNITIES FOR CDM FORESTRY IN GHANA

Presentation on the efforts of ITTO and the Government of Ghana

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OUTLINE OF THE PROJECT

• SAMARTEX developed a highly successful community agroforestry model and has been operationalizing it.

• Aim is to add a CDM component to the agroforestry model to further promote forest restoration and thereby poverty alleviation in Ghana.

• To achieve this, develop community-based CDM forestry methodology and restore 100 ha of degraded forest land with the involvement of local communities.

<table>
<thead>
<tr>
<th>Funding Agency</th>
<th>US$</th>
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<tbody>
<tr>
<td>ITTO</td>
<td>417,744</td>
</tr>
<tr>
<td>Ghana Government (in kind)</td>
<td>104,438</td>
</tr>
<tr>
<td>Michigan Technological University (Post Graduate Training)</td>
<td>94,500</td>
</tr>
<tr>
<td>SAMARTEX (in kind)</td>
<td>49,200</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>665,882</strong></td>
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INTERACTION WITH FOREST DEPENDENT COMMUNITY FARMERS
COMMUNITY NURSERY FOR FOREST RESTORATION
WITH DIVERSE INDIGENOUS SPECIES
PARTICIPATORY WORKSHOP
FOCUS OF THE PROJECT

Comparative analysis focusing on:

- **Community perceptions of CDM forestry**
  - Understanding
  - Requirements for local community participation
  - Expectation and likely impacts
  - Critical considerations

- **CDM and sustainable livelihoods**
  - Impacts on local livelihoods: financial, natural, social, physical and human capitals
  - Household income, employment, food production, forest products, local institutions, etc.

- **Governance/institutional mechanisms**
  - management arrangements, tenure, benefit sharing

- **Economics of smallholder CDM forestry**
  - Viability & cost effectiveness
  - Strategies for optimum benefits
  - Options for reducing risks and ensuring sustainability of CDM forests
POTENTIAL CDM FORESTRY SCHEMES IN GHANA

- Government degraded forest land e.g. Pamu Brekum
  - Gov’t land
  - Gov’t forest service engage smallholders in CDM forestry
- Community degraded forest land e.g. Oda Kotoamso
  - Community own land leases to smallholders for CDM forestry
  - External agent organizes pool of smallholders or communities
- Private/family degraded land e.g. Nkranka
  - Individual farmers own land
  - External agent organizes smallholders to pool land resources together in clusters

Large expanse of land
COMMUNITY PERCEPTION

What is the impact of climate change?

- Increase in temperature
- Irregular rainfall pattern
- No idea

Bar chart showing the percentage of farmers aware of the impact of climate change.
COMMUNITY PERCEPTION

How many years are farmers willing to keep CDM forests?

<table>
<thead>
<tr>
<th>Number of years</th>
<th>% Farmers</th>
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<tbody>
<tr>
<td>5-20yrs</td>
<td>40%</td>
</tr>
<tr>
<td>21-40</td>
<td>50%</td>
</tr>
<tr>
<td>41-60</td>
<td>25%</td>
</tr>
<tr>
<td>61-80</td>
<td>10%</td>
</tr>
<tr>
<td>81-100</td>
<td>5%</td>
</tr>
</tbody>
</table>
How much income do farmers expect for CDM forestry?
COMMUNITY PERCEPTIONS
What are the constraints to CDM forestry?

- Tenure (land ownership)
- Pests
- Illegal logging
- Fire
- Labour/finance for maintenance

% Response vs % Response Bar Graph: Labour/finance for maintenance is the highest constraint, followed by Fire, Illegal logging, Pests, and Tenure (land ownership) respectively.
BUILDING LOCAL CAPACITY

- Training organized for farmers in nursery management
- Nursery equipment and seeds supplied to farmers every growing season
- Alternative livelihood activity - Bee keeping
- Internship on the project opened to Ghanaian and International students
- Project steering committee meetings with stakeholders: Forestry commission, FORIG, Community reps & donor agency
COMPLIANCE WITH REDD+SES

- Respect for rights of forest dependent Peoples and local communities
- Equitable benefit sharing
- Benefits for forest Dependent Peoples and local communities improve human well-being
- Contribution to broader sustainable development
- Maintenance of biodiversity and ecosystem services
- Full and effective participation and access to information to stakeholders
- Compliance with national and international law
PROJECT TEAM AND COMMUNITY FARMERS
THANK YOU FOR YOUR ATTENTION
CDM Forestry & Poverty Alleviation:
Sustainable Forestry
OTHER AKNOWLEDGEMENTS

FORIG

CSIR

Samartex

MichiganTech