Consolidating the CoS-SIS Research Agenda

Proceedings of the CoS-SIS Cotonou, Benin Workshop
October 26-29, 2010

Editors
Arnold van Huis,
Niels Röling and
Anthony Youdeowei
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## Contents

The Context of this Workshop - Arnold van Huis 1

Participation and the Workshop Process 3

Making Sense of the CoS-SIS Diagnostic Studies 4
- Reports by the PhD Students 4
- Issues arising from presentations by PhD Students 104
  - Reflections on Cross Cutting Issues 104

Progress in the Formation and Operational Modalities of the CIGs 106
- Reports by the Research Associates 106
- Issues arising from presentations by Research Associates 131

Reflections on the CoS-SIS Research Design - Niels Röling 133

Key Domain Issues in the implementation of the CoS-SIS Programme 140
- Benin 140
- Ghana 140
- Mali 142

Programme Compatibility across Research Domains 146

Concluding Remarks and the Way Forward - Arnold van Huis 146

Annexes 152
Annex 1 List of Workshop participants 152
Annex 2 Workshop Programme 156
Annex 3 Summaries of Daily Proceedings 157
Enabling system innovation: the CIG as a network of stakeholders to address institutional constraints in water management in Benin

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Context

The water management domain of the CoS-SIS programme in Benin included river inland valley management and the agro-pastoral dams management. As an entry point, we emphasize on integrated water resources management by supporting local initiatives to deal with conflicts around agro-pastoral dams and strengthening local initiatives in rice value chain in the river inland valley. These entry points were identified from the result of exploratory study, baseline and diagnostic study.

The lack of collective action by the farmer based organization (FBO) was noted for the maintenance of the irrigation system, organization of rice marketing, management of the agro-pastoral dams, etc. The objective of this research is to develop strategies to alleviate some of the institutional constraints that hinder smallholder farmers to benefit from the windows of opportunities. To achieve this, Concertation and Innovation Groups (CIG i.e. a network of stakeholders meeting around a common goal) were setting up to provide a platform for the key stakeholders discuss institutional constraints that do not allow smallholder farmers to benefit from the opportunities related to water management. The CIG is a learning environment where all the members exchange views and experiences without any complication of power relationships. This paper presents the steps followed in setting up the CIG.

The process started with an exploratory study to identify the windows of opportunity for smallholder farmers, followed by diagnostic and baseline studies.
to investigate in-depth the different opportunities identified. Based on these studies, key actors were identified and potential stakeholders that could be members of the CIG were contacted. As the CIG is a new concept fitting in system innovation, together with the CoS-SIS community it was necessary to establish a common understanding of the CIG and its component. The CIG concept was then adopted by re-defining roles between the PhD study and the research associate’s (RA) activities. It was decided that, the PhD study should focus attention on the institutional change at local (community or village level) while the RA works at district or department and national level.

**Actors contacted to be member of the CIG**

Table 1 presents some stakeholders contacted for the CIG formation for the river inland valley management and the agro-pastoral dams management. These stakeholders were categorized according to the institutional constraints.

Table 1. Stakeholders identified for the CIG formation according to the institutional constraints

<table>
<thead>
<tr>
<th>Types of water management</th>
<th>Institutional constraints</th>
<th>Stakeholders</th>
</tr>
</thead>
<tbody>
<tr>
<td>River inland valley management</td>
<td>Lack of maintenance of the irrigation canal and equipment</td>
<td>DGR (cellule bas-fond), DAGRN, CeRPA, CeCPA, FBO, Chinese cooperation</td>
</tr>
<tr>
<td></td>
<td>Market outlet for local rice produce</td>
<td>Local traders (Dadjé), VECO NGO, UNIRIZ, farmer organization, DICAF/MAEP</td>
</tr>
<tr>
<td></td>
<td>Access to specific input especially fertilizer and seed</td>
<td>INRAB, Africa Rice, local traders, DICAF/MAEP</td>
</tr>
<tr>
<td></td>
<td>Access to credit</td>
<td>CLCAM, NGO involved in microfinance</td>
</tr>
<tr>
<td>Agro-pastoral dams management</td>
<td>Conflict between herders and farmers</td>
<td>UCOPER, UDOPER, CeCPA, Municipality, farmer organization, herder organization, traditional chief, dam management team, SNV, DFRN</td>
</tr>
<tr>
<td></td>
<td>Lack of management plan for better dam management</td>
<td>Dam management team, farmer organization, herder organization, UCOPER, PADPPA, DFRN</td>
</tr>
</tbody>
</table>
Activities planned with the CIG members

Table 2 presents some activities planned by the CIG according to the different institutional constraints identified. Most of these activities are aimed at improvement of the current activities in the field especially extension, market organization, credit organization and the functioning of the platform for conflict resolution.

Table 2. Activities planned according to the institutional constraints

<table>
<thead>
<tr>
<th>Type of water management</th>
<th>Institutional constraints</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>River inland valley management</td>
<td>Lack of maintenance of the irrigation canal and equipment</td>
<td>Development of strategies and procedures that could allow the DGR and the DAGRN to intervene for training FBO for the maintenance of the canals. * Development of strategies linking rice producers to market. * Development of actions with policy maker at national level in order to reduce the amount of imported rice and promote local rice. Development of concerted action with Benin national research institute (INRAB) and Africa Rice for seed production at local level.</td>
</tr>
<tr>
<td></td>
<td>Market outlet for local rice produce</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Access to specific input</td>
<td></td>
</tr>
<tr>
<td>Agro-pastoral dams management</td>
<td>Conflict between herders and farmers</td>
<td>* Delimitation of corridor accepted by all of the actors. * Collective learning on the notion of interdependency. * Development of strategy for conflict resolution.</td>
</tr>
</tbody>
</table>

Lessons learned

Three key lessons were learned from the interaction with the CIG members.

i. People believe when they have the opportunity to learn from successful experiences.

ii. By organizing some exchange visits it will create an incentive for the participants. As the settlement of the national CIG is on-going, there is a need to think on how one could better connect activities of this national CIG and those going on at the district level and at the local level.
iii. There is also, a need to develop relevant methodology to measure changes due to the CIG activities knowing that in rural area, changes could not be attributed to a program alone as several interventions are going on in the area.