NTFP value chains in the North Upland.

The case of the Bamboo Sector in Houaphan Province, Lao PDR

SSWG NUDP
Vientiane, 18 September 2015
Sara Melki, GRET
The Bamboo sector in Houaphan
Villages involved in 5 value chains September 2015

Bamboo Sector

70 villages involved in 5 bamboo value chains September 2015

Viengxay, SamNeua, Sobbao Districts, Houaphan Provinces Lao PDR

Legend
- National Border
- District Border
- Road
- Town
- Khom Value Chain Village
- Hok Value Chain Village
- Kouan Value Chain Village
- Handicraft Value Chain Village
- Xang Value Chain Village
400 000 usd  Produced in 2014 for 4 Bamboo Value chains
From communal Natural forest,
A complementary income for villagers

<table>
<thead>
<tr>
<th>Bamboo Value Chain</th>
<th>Quantity</th>
<th>USD Total</th>
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</thead>
<tbody>
<tr>
<td>Handicraft from forest</td>
<td>143,974</td>
<td>400,000</td>
</tr>
<tr>
<td>Slats &amp; Sticks from forest</td>
<td>109,868</td>
<td>300,000</td>
</tr>
<tr>
<td>Khom shoots from forest</td>
<td>98,423</td>
<td>200,000</td>
</tr>
<tr>
<td>Hok shoots from forest</td>
<td>43,897</td>
<td>100,000</td>
</tr>
</tbody>
</table>

- 2 month  
  August & Sept
- 4 month  
  Dec to Marsh
- 8 month  
  Nov to July
- 12 month  

1. Handicraft products for domestic market

Different species of bamboo

All year along
647 producers in 34 villages (25 % women, 17 % poor)
2.2 million kip/ HH/ Year
10 local Traders within 6 shops (44 % of the sale)
Participation to Trade Fair
9 Trainers
2. Slats and sticks for export to Vietnam
Mai Kouane: *Dendrocalamus longifimbriatus*

November to July

825 households in 21 villages producing 3,805 T

1.1 million kip/ HH/year

7 factories in 2 districts
3. Fresh bamboo shoots for domestic market
Mai Khom: *Indosasa sinica*

794 households in 14 villages collecting and selling 224 T (15 poor HH, 51 women)
Creation of 7467 working days (85 full time job during 4 month)
1 million kip/ HH
30 local Traders
29 million kip collected by PG for the village bamboo fund
4. Dried bamboo shoots for domestic market and export to Vietnam

Mai Hok: *Dendrocalamus hamiltonii*

528 households in 10 villages collecting 242 T equivalent fresh
Creation of 10 000 working days of collection, (227 full time job during 2 month)
Creation of 4 village small entreprise managed by 3 to 6 persons
0,8 M kip/ HH/ Year
PGS certification
2 million for the Village Bamboo fund
The conditions for developing the bamboo sector since 2011
The Provincial Bamboo Strategy

The 3 components of the Bamboo strategy

1. Sustainable bamboo resource management (natural communal forests & individual plantations)
2. Bamboo Business Development
3. Enabling environment (Policy & Organization)

« the bamboo provincial strategy »:
« 2011-2015 and 2016-2020 »
The Bamboo Project 2011 - 2015

The **Bamboo Project** is supporting stakeholders for implementing the **Bamboo Provincial Strategy** through a **Bamboo Task Force** (PAFO, DPI, DIC, LWU, PONRE)
Government oversees the learning process, with support of the Bamboo Project

The Bamboo Project plays a role of «facilitator» of the collective learning process since 2010

Through Multistakeholders consultation and workshops (Value Chain Workshop every year) with a strong analyses of the VC and the collective definition of the business plan
Project intervention in 5 pillars....

**GRET**

- Land Management
  - Bamboo forest allocation
  - Land allocation for bamboo plantations
  - Land titling Communal & Individual

- Forest Management
  - Forest Management Plans
  - E&D Experiment on FM techniques
  - Forest monitoring

- Plantation
  - Nurseries
  - Plantation

**SNV**

- Business & trade
  - Business model
  - Marketing
  - Processing
  - Trader networking

- Enabling environment
  - Producers’ organization
  - Village Service Providers
  - Policies
… Following the Value Chains

Natural Forest

Extraction

Processing

Trading

Consumption

Village bamboo committee

FMP, E&D FRSC/NAFRI

Bamboo village development fund

Service providers

Network

Right to trade NTFP

Taxes and quota

Land allocation

Forest management and monitoring

Plantations Nursery

Business model

Marketing

Processing

Trader networking
A few Lessons learned and recommendations
A few Lessons learned and recommendations

Reinforce the system by training and strengthening **Village Servic Providers**. **Sustain the sector development by structuring service delivery through an independent organization**

Strengthening the **village organisations** and their official recognition:
- **Village authorities** ensuring the sustainable use and management of the forest with the support of DAFO.
- The **producer group** to organize and develop the production /processing /commercialization

**Secure the villagers rights of the communal natural forest**

Definition of the **best business model and the strategy** of the value chains with the Producer groups, the private sector and the Government.

Set up a Bamboo **Market information system**

Establish a **crossed control and monitoring** of contract, Quota, FMP... by the Government
Sara MELKI- Project Manager

melki@gret.org

www.gret.org