

Agriculture and Forestry Development in Louang Phabang Province Lao PDR

Presented by:

Mr. Bounthanh Keoboualapha

Deputy Director

Agriculture and Forestry Office

Loung Phabang Province

Outline

- ◆ Background
- ◆ Agriculture and Forestry development Plans for the period of 2006-2010
- ◆ Highlights of the current implementation of Agriculture and Forestry development Plans

Background



Map of Lao PDR



The importance of Agriculture and Forestry sectors in the economy

Sectors	% GDP (2003)	% GDP (2010)
Agriculture	48	44
Industry	17	18
Service	35	38

Source: Socio-economic Dev. Plan 2001-2005. 2003 Annual Report

Socio-economic conditions

Description	Quantity
Districts	11
Villages (Apporx. 75% remoted)	870
Total population	433,222
◆Lao Loum (39%)	168,957
◆Lao Theung (45%)	194,950
◆Lao Soung (16%)	69,315
Total households (HH)	65,265
◆Farmer HH (Approx. 73% is upland farmers)	52,810
Population growth rate (%/year)	1.7
Population density (person/km2)	22

Source: Socio-economic Dev. Plan 2001-2005. 2003 Annual Report

Potential land use

Land use types	Area (ha)	%
Crop land	61,000	3.01
Forest land (including natural pasture)	1,946,200	96.03
Roads	700	0.03
Water	13,900	0.69
Residential areas	48,00	0.24
<i>Total</i>	<i>2,026,600</i>	<i>100</i>

Source: Socio-economic Dev. Plan 2001-2005. 2003 Annual Report

Climatic conditions

- ◆ Temperature (1975-2002)
 - Av. Min: 8.4 °C
 - Av. Max: 39.5 °C
 - Av. Year: 23.9 °C
 - The hottest months (higher than average): March to October
 - The coldest months (Lower than average): Dec to Feb
- ◆ Rainfall (1976-2002)
 - Av. Min: 1,035 mm/year
 - Av. Max: 1,840 mm/year
 - Av. Year: 1,397 mm/year
 - About 85% of the rain fall during April to September

Source: PAFO, Meteorology Unit

**Agriculture and Forestry
development
Plans for the period of 2006-
2010**



Agriculture and Forestry development Plans for the period of 2006-2010

◆ Objectives:

- Improve sustainable crop and livestock production for local consumptions and markets
- Phase out shifting cultivation
- Increase forest coverage

Agriculture and Forestry development Plans for the period of 2006-2010

- ◆ Food and cash crops production program:
 - Increase the planted areas of some important crops:
 - ◆ Rice: 31,100 ha (including WS lowland 13,500 ha, DS lowland 2,500 ha, upland rice 15,000 ha)
 - ◆ Food and cash crops: maize 12,000 ha, job's tear 5,000 ha, sesame 5,000 ha, ground nut 1,500 ha, soybean 15,000 ha, mungbean 1,000 ha, tobacco 250 ha, pineapple 1,000 ha, orange 1,000 ha, banana 2,000 ha, vegetable 3,800 ha, root crops 1,500 ha
 - Improve crop yields:
 - ◆ Rice: WS lowland 5 t/ha, DS lowland 6 t/ha

Agriculture and Forestry development Plans for the period of 2006-2010

- ◆ Food and cash crops production program:
 - Increase the number of livestock:

	Number	% growth
Buffalo	88,700	6
Cow	69,800	10
Pig	453,600	10
Goat	85,900	18
Poultry	2,504,400	7
Chicken eggs	9,125,000	25,000 egg/day
Fish	1,000 tons	

Agriculture and Forestry development Plans for the period of 2006-2010

- ◆ Food and cash crop production program:
 - Increase forest plantations:
 - ◆ Teak 30,000 ha. Eagle wood 15,000 ha, and rubbers 50,000 ha
 - ◆ Produce tree seedlings 1,5 million/years

Highlights of the current implementation of Agriculture and Forestry Development

The background is a solid teal color. At the bottom of the slide, there is a stylized silhouette of a mountain range in a darker shade of teal.

Participatory planning



- ◆ Problems and solutions are identified by local farmers

Capacity building

Cross visit



Training



Workshop



Introduce promising technologies



Agroforestry systems



Promote investments of local and foreign businessmen



Investors from China



Rubber plantation



Maize

Infrastructure development



Dam construction
- There are 140 dams in the province irrigate an area of 8,900 ha (approx. 76% of total rice planted areas)

Establish village revolving funds



Promote tree plantings



**National tree planting day
(June 1)**



Private nursery



**Thank you
for you attention**