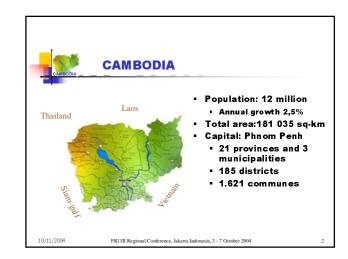
Surveying the Future – Contribution to Economic, Environmental and Social Development

Development of Curriculum for the Land Management and Land Tenure Programs in Cambodia

Mr. Sopha SUON Mr. Pertti ONKALO

10/11/2004 FIGHI Regional Conference, Jakarta Indonesia, 3 - 7 October 2004





- 1975 1979 during the Khmer Rouge destroyed the infrastructure and killed most of the educated people.
- In 1998, the Khmer Rouge finally gave up all resistance, and the legitimate government gained control of all the territory for the first time over thirty years.
- Even there are progess made, still the reconstruction of the society is very much an on-going process.

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# **Professionals and Education**

The need for professionals in land management, land administration and surveying.

- A large number of land specialists are needed for the implementation of Land Management and Administration Project (LMAP).
- Other project components provides support to improve land administration and management, urban and rural planning in Cambodia

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# **Professionals and education**

- Many new tasks are introduced and especially decentralization of responsibilities to provincial and district level will lead to a higher need of academic professionals in all levels
- Other activities in Land Sector
  - GIS/Mapping required for forestry, protected areas, state land management, infrastructure and agricultural development
  - Works implemented by the Mekong River Commission

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# Land Management and Land Administration Project (LMAP)

- First phase of LMAP 5 years (2002 2007)
- Multi Donors Project (WB, Germany, Finland, Cambodia)
- Total budget \$33.9 million

The LMAP has 5 Components:

- 1. Development of land policy and regulatory framework
- 2. Institutional development
- 3. Land titling program and development of a land registration system
- 4. Strengthening mechanisms for dispute resolution
- 5. Land management

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# Staffing and Qualifications

## **Human resources before LMAP**

- •Total number of academic land surveyors that are active within the cadastre is about 220.
  - Only about 15 of them has a Master's Degree obtained from the University of former Soviet Union during the 1990's.
- Land Title Department (LTD)" organized special in-house intensive training courses during the 1989 – 1990 for about 100 employees in Provincial level.

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# Staffing and Qualifications

- The Prek Leap Agriculture College (PLAC) was introduced 1992 and has provided a diploma on cadastre about 200 students during the 1992 97.
- From 400 technical staff who were directly involved land titling and registration less than 50 % have attended to internal training from LTD or have graduated at the PLAC.
- The LTD together with the Cambodian Cadastral Project (CCP) implemented by the FINNMAP International and the Land Management Project (LMP) implemented by the GTZ provided short-term training during 1997 - 2000.

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# Staffing and Qualifications

### Main issues related to human resources (1999) were:

- Situation in provinces varied from desperate to adequate, being worst in poor areas.
- Even with trained personnel there was lack of proper culture for quality assurance,
- While administrative rules and regulations are well followed, the technical execution was ofter poor.

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# **Staffing and Qualifications**

Education levels in some of the Provinces 1999. (Törhönen & Suon, 1999)

Province	Ta keo		K.Speu		Sih.Ville		Kampot			
M. Sc.		0		0		0		0		
B. Sc.		7		6		3		3		
Technician		0		7		0		2		
Province	Кер	Prey Veng		Sva y Rieng	,	Kandal		Siem Reap	Total	
M. Sc.	0		0		0		0	0		0
B. Sc.	1		2		1		9	8		40
Technician	4		3		0		34	0		50

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## Staffing and Qualifications

# Rapid changes with human resources

In mid 2003, approxiamately 1.000 staff were working with the MLMUPC and the LMAP.

- In March 2004, there were 1.969 staff in the MLMUPC working in the provinces and at the central level.
- In August 2004, there were 600 people working in land registration teams in eleven target provinces.
- In the central level at the General Department of Cadastre and Gartography (GDCG) there are about 200 employees

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# Staffing and Qualifications

- The situation is still today that despite all the training provided to provincial staff during 1992 – 2003 most of them are lacking basic knowledge with computers, practical experience of using modern equipment, and have poor understanding of the technology and theory.
- Only comprehensive educational program can support long term development of sustainable land management and administration.

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- The Ministry of Land Management, Urban Planning and Construction together with the Royal University of Agriculture (RUA) decided:
  - -to set up a Bachelor program (4 years) -and a short-term education (2 years) to obtain a Diploma.
- The MLMUPC and the RUA signed agreement on December 2003 to establish the Faculty of **Land Management and Land Administration** in the RUA in Phnom Penh under the support of

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## Faculty of Land Management and **Land Administration**

The iniative is financially supported by the loan from the WB and technical assistance from the Government of Germany. Implementation is carried out with the RUA and the LMAP under Compoment 2, and it will provide support to four main areas including:

- Long-term institutional development of the Ministry,
- Project management to implement the project,
   Establishment of a land management and administration education program in an established university,
- Development of the private surveying industry.

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# Objectives of LMAF

- To provide a solution for a long term education on Land Issue in Cambodia
- To produce human resources in land management and administration that meets the needs of the socio-economic development of Cambodia and to promote the formulation of special joint projects.

- Education program is supported by the GTZ, in forms of technical assistance to develop curriculum, provide basic teaching material and equipment.
- In addition, the German Government is provinding one international expert through Integrated Expert Program (CIM)

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# Objectives of LMAF

## Objective of the program

- To qualify students by providing them a basic understanding in land issues in general and to give them specialized training in land management or land administration to improve their career and provide Cambodia more urgently needed technical staff.
- To educate students to obtain the technical and scientific qualification, morality and practical ability in land management and administration to respond to the requirements of a sustainable development.



# Objectives of LMAF

- To review some international recognized curricula on land management, land administration, surveying, land economic and land resources with different educational level.
- Draft an ideal curriculum for a diploma and a bachelor program.
- Adapt the ideal curriculum to the situation in Cambodia and develop a draft curriculum for a diploma and a bachelor program.
- Define selection and training requirement for academic staff.

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# **Development of LMAF**

## **Development:**

- Structure of the faculty,
- Draft curriculum for a Diploma and a Bachelor program,
- Draft cource descriptions including main topics,
- Create a concept for the capacity building of academic staff in the RUA and the MLMUPC.
- Five Cambodian project staff have been supported to undertake scholarships for the Master program in Munich.

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