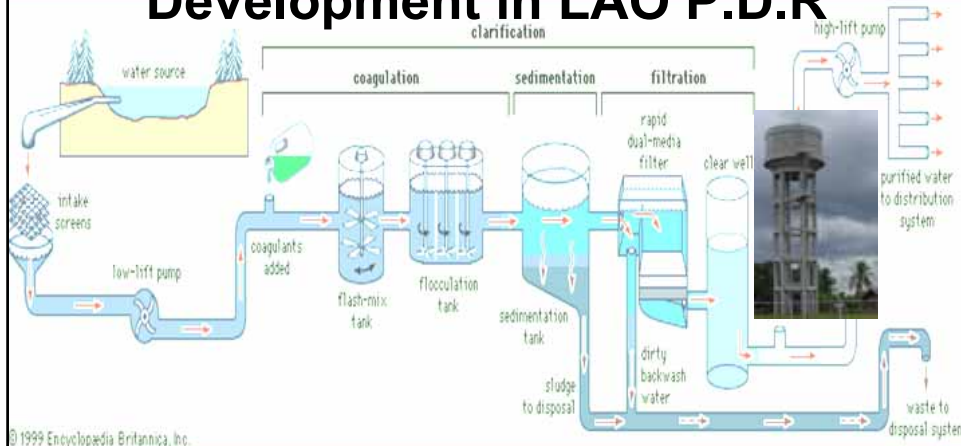


Water Supply Sector Development in LAO P.D.R



Presented by

Khanthone Vorachith
Chief of Water Supply Division,
Department of Housing and Urban Planning,
Ministry of Public Works and Transport

Sector Planning and Development Strategies.

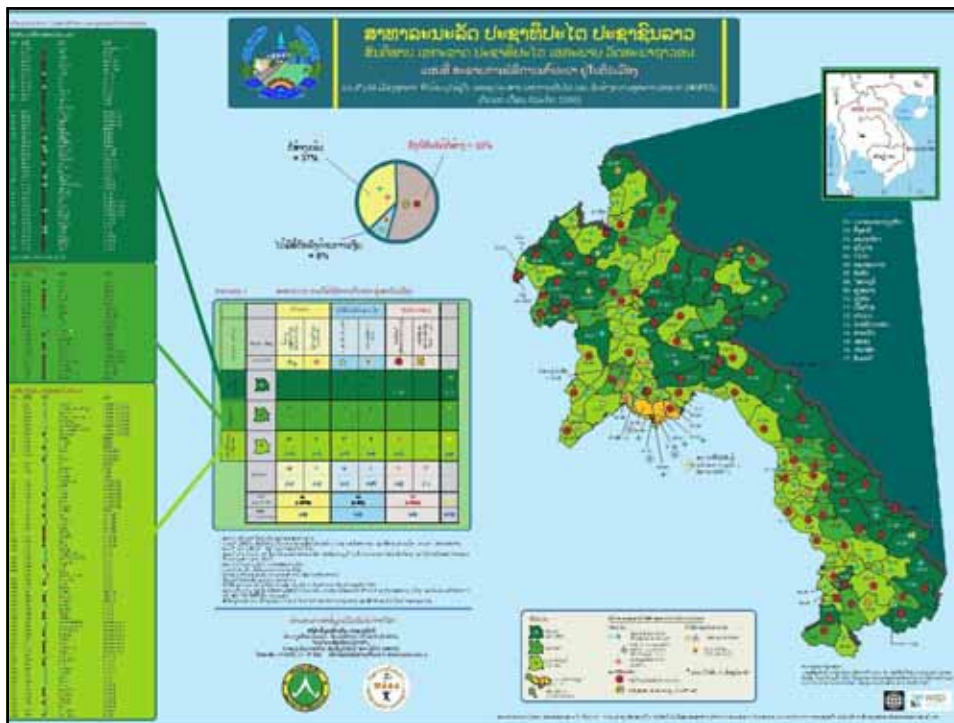
- The Department of Housing and Urban Planning is responsible for setting of development strategies and plans, planning of staff training, and drafting regulations and technical standards of water supply systems. DHUP also has the task of managing the Government's ambitious long-term capital investment program in urban water supply systems, which aims to achieve 80% coverage by 2020(MDG).

Law and regulations

- DHUP is
 - Drafting Water Supply Law
 - Drafting Management and Technical Guidelines on Water and Sanitation

Development Status of Water Supply Sector in LAO P.D.R

- Water Treatment Plants: 53 plants (belong to community 2 plants)
- In year 2007: Urban population served 740,000 people, covering around 61% of urban population.
- Under Construction:
 - 14 towns: Houn, Kenthao, Nane, KeoOudom, Xanakhame, Xamtay, Khoun, Namo, Sing, Ngioy(ADB), Bolikhane(KOICA), Phine(UN-HABITAT), Thongmisai, Xienghone(Lao Gov)
- Fund is provided for 2 villages and 2 towns:
 - Houakhoune, Sisomseun(Bolikhamsay) , Hinherb District (GRET) and Long District (SEDIF).



- Fund has been requested from the following donors:
 - ADB: 18 towns (improvement system 3 towns)
 - KOICA: 1 town (Xebangfay)
 - UN-HABITAT: 7 towns, 1 community (Xethamouak)
 - JICA: improvement system 3 towns
 - WB: 1 town (Samphanh District)
 - GPOBA (Global Partnership Output Base Aid): 23 towns
 - 28 towns are in need of fund

Sector Investment Plan for Small town Water Supply in LAO. P.I.R										
First priority Town (2006 – 2010)										
No	Province	District	Potential Service area			Estimated No. of Poor Household	Potential of water source	Road Accessibility	Fund	Remark
			No. of Village	No. of Population	No. of Household					
1	Phongsavaly	Nicou or Samphanh	8	4,430	721	>255	stream	Provincial road	GFOEA	
			85	27,483	4,180			Provincial road	VB	people all district
2	Luangnamtha	Namtha	30	41,029	7,675			National road	ADB-Grant 006	people all district
		Ging	103	30,879	5,003			Provincial road	ADB-Grant 006	
		Vangphoukha	3	2,375	565			Provincial road	ADB-TA (2)	people all district
3	Oudomsay	Namot	106	32,754	5,891			Provincial road	ADB-Grant 006	people all district
		Hoon	171	61,360	9,903			Provincial road	ADB-Grant 006	people all district
		Dang	4	2,951	556			Provincial road	GFOEA	
4	Bokxo	Namkhuang				>254	stream	Provincial road	ADB Grant 006	
		Houayao	8	9,807				National road	ADB-TA (2)	
05	Louangphabang	Louangphabang	59	51,555	8,465			National road	JICA	people all district
		Nan	7	38,495	5,696			Provincial road	ADB-Grant 006	
		Mjou	8	5,527	196			Provincial road	ADB-Grant 006	
		Phoukhoune	6	3,721	586	>236	Ground and stream	National road	GFOEA	
06	Houaphanh	Xamray	235	67,179	8,455			Provincial road	ADB Grant 006	people all district
		Xaykhou	4	3,929	654	>207	stream	Provincial road	GFOEA	
07	Xayabouly	Kerthao	59	36,844	7,510		stream	Provincial road	ADB-Grant 006	people all district
		Tigoun	9	6,944	1,440	>202	Spring and stream	Provincial road	GFOEA	
		Xayphone	12	11,529	2,166	>195	Ground	Provincial road	GOL	
		Thongphitay	15	8,818	1,653			Provincial road	GOL	
		Phuang	7	6,592	1,917			Provincial road	GOL	
08	Xiangkhouang	Khoue	30	31,575	4,743			Provincial road	ADB-Grant 006	people all district
09	Vientiane	Kiro oudom	32	18,274	2,452			Provincial road	ADB Grant 006	people all district
		Xaykham	41	34,632	7,430			Provincial road	ADB Grant 006	people all district

Status of Sanitation and Domestic Wastewater

- DHUP is drafting Urban Wastewater Strategy and Investment plan and intend to complete in December 2008.
 - National Urban Wastewater Strategy 2008-2020
 - National Urban Wastewater Investment Plan 2008-2020

challenges

- Development needs of provinces exceed funding capacity of Government
- The town, whose fund has been applied for, should meet the following conditions before implementation of the project:
 - Approval of town planning by the Provincial Governor.
 - Gradual adjustment of Water tariff to get on the path of full cost recovery, and of efficiency in the management of water business.
 - Water source assessment and testing on quantity and quality.
 - Set up Project Implementation Unit and staffing.

- Limited project implementation capability of local authorities.
- Weak capacity in development planning of water supply system at provincial level.

