

# **Country Report on ICT Statistics, Lao PDR**

Capacity Building Workshop on Information Society Statistics  
Bangkok 6-8 November 2007

# Agenda

- Country Profile
- Telecom Network
- ICT Industry
- ICT Statistics

# Country Profile

- Country name : Lao PDR
- Capital city : Vientiane
- Population : 5.62 Million
- Total Area : 236,800 Km2
- Religion : Buddhism
- Language : Lao
- Literacy : 73%
- Rural population : 73 %
- GDP per capital : 490 USD
- Currency : Kip
- More information please visit :
  - Statistic : [www.nsc.gov.la](http://www.nsc.gov.la)
  - Economy : [www.moc.gov.la](http://www.moc.gov.la)
  - Tourism : [www.laotourism.org](http://www.laotourism.org)



# Country Profile

- Lao People's Democratic Republic (Laos) situate in the center of Southeast Asia. Our country has share the border with Vietnam Cambodia, China, Myanmar and Thailand.
- Virtually all of the country is lower watershed of the Mekong river which traverse the country from north to south.
- Laos is rich of natural resources : Gold, Copper, Forest, Rivers...



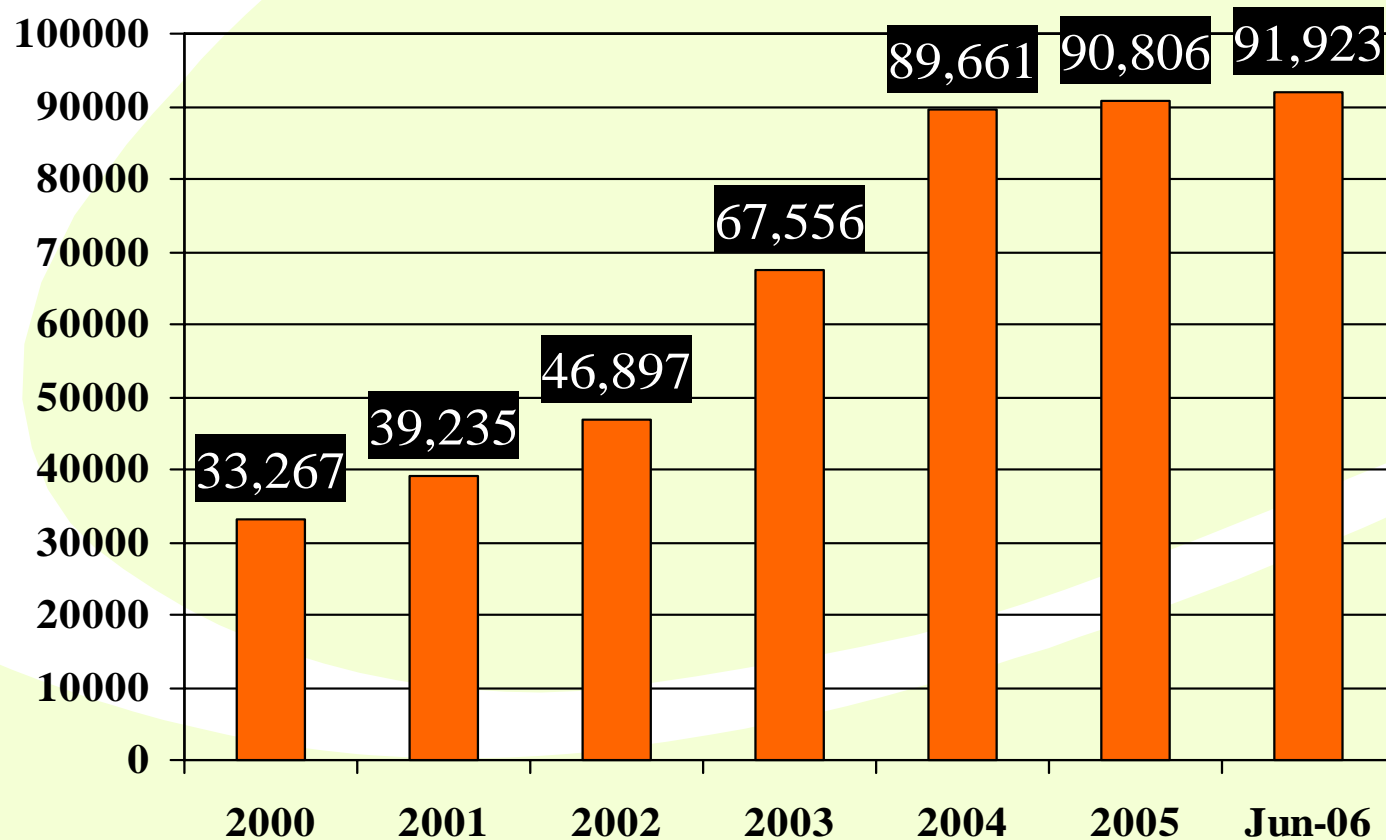
# Country profile ( cont'd )

- ◆ Digital Switch : 100 %
- ◆ Digital Transmission : 100 %
- ◆ International Gateway:
  - Satellite E/S – A to Intelsat
  - Optic Fibre to Vietnam, Thailand and China
- 2.5Gbps
  - Digital microwave link to Thailand 34Mbps
- ◆ Public Telephone: 338 sub
- ◆ Rural Telephone: 793 sub  
( Cover 118 out of 142 districts )
- ◆ Tele-density : 17,02 per 100 inhabitant

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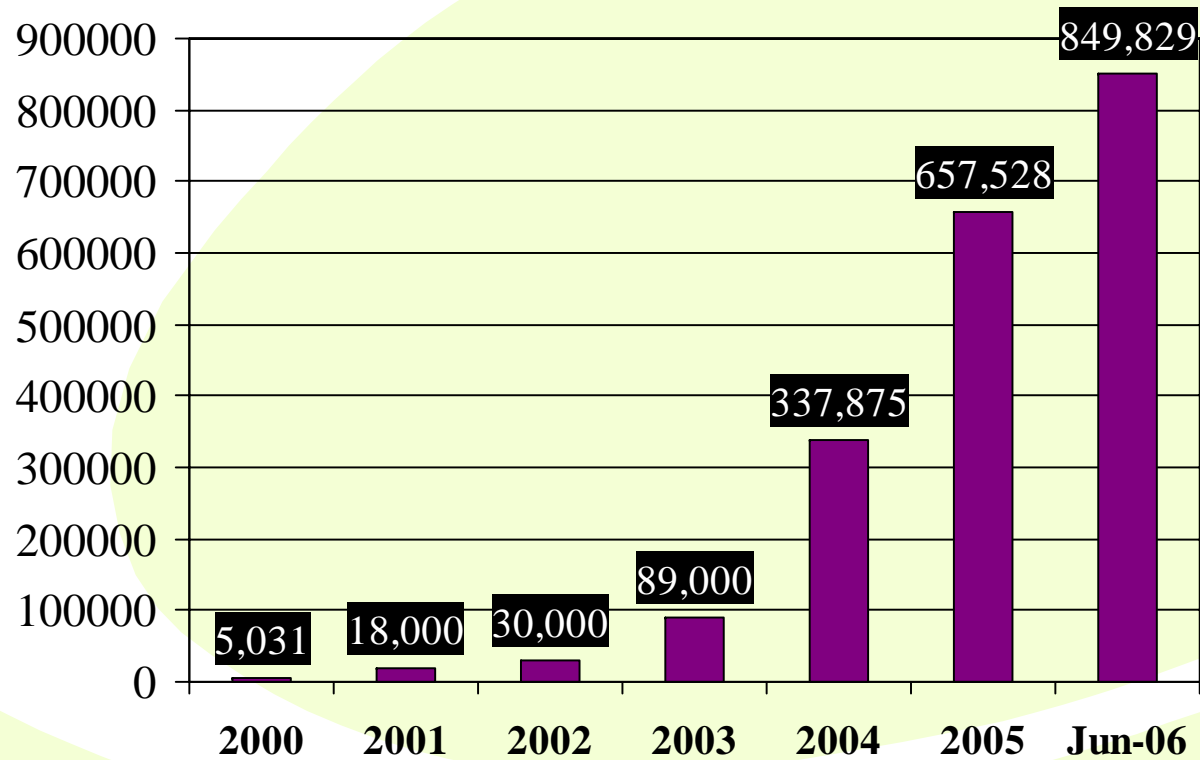
# Existing of Telecom Network

## Total number of telephone subscribers

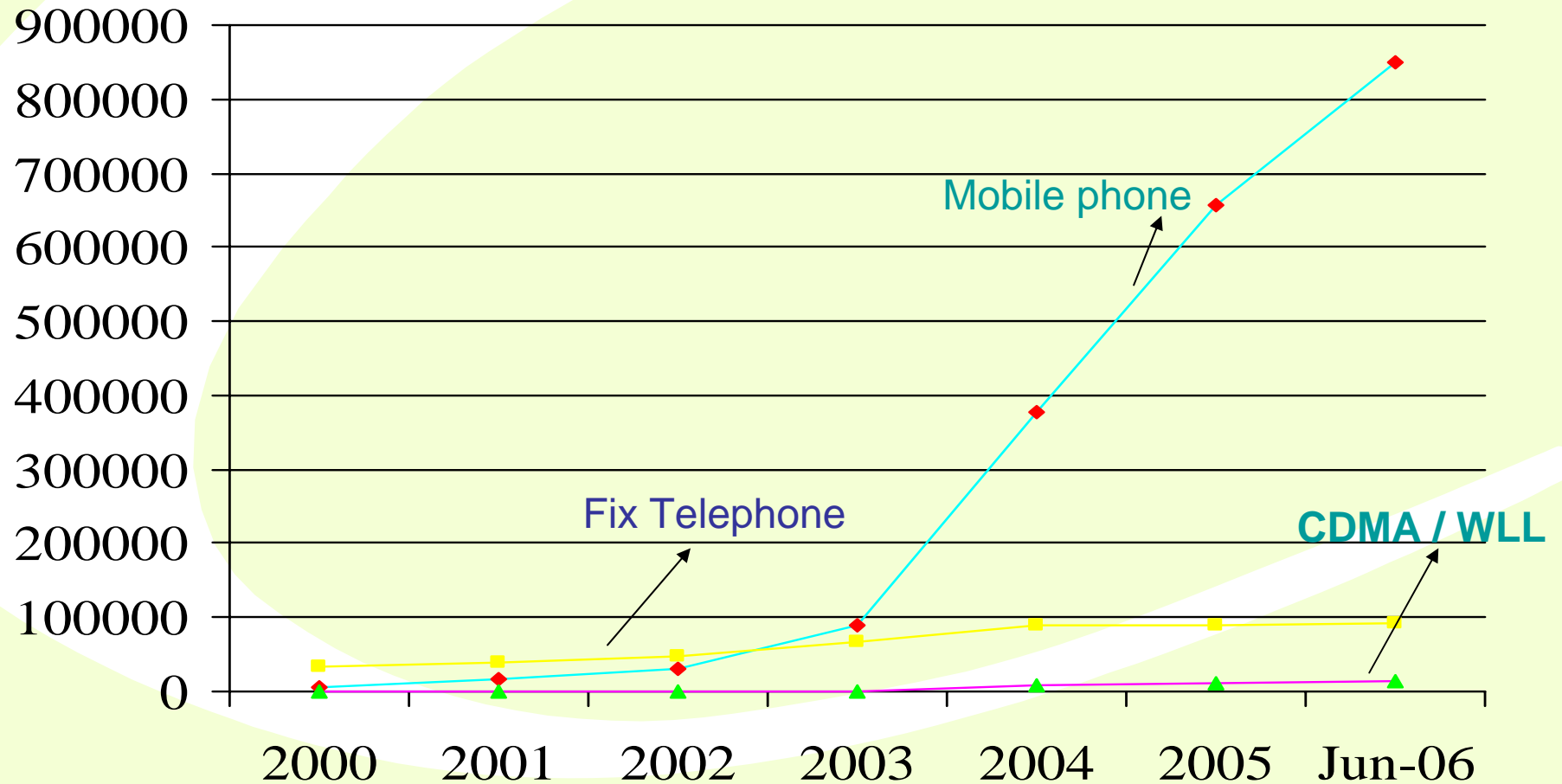


# Existing of Telecom( cont'd )

Total number of Mobile subscribers



# Existing of Telecom( cont'd )

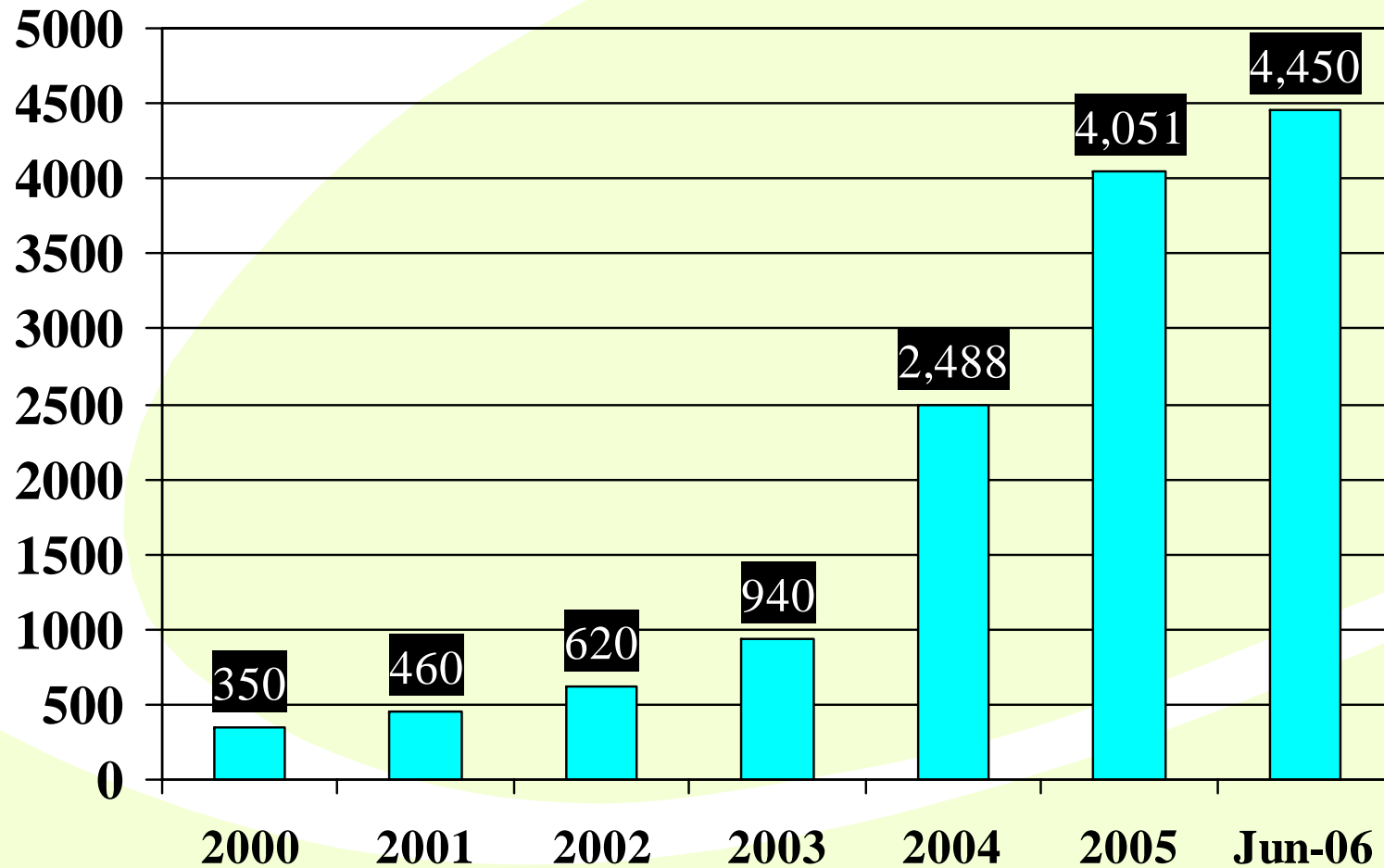




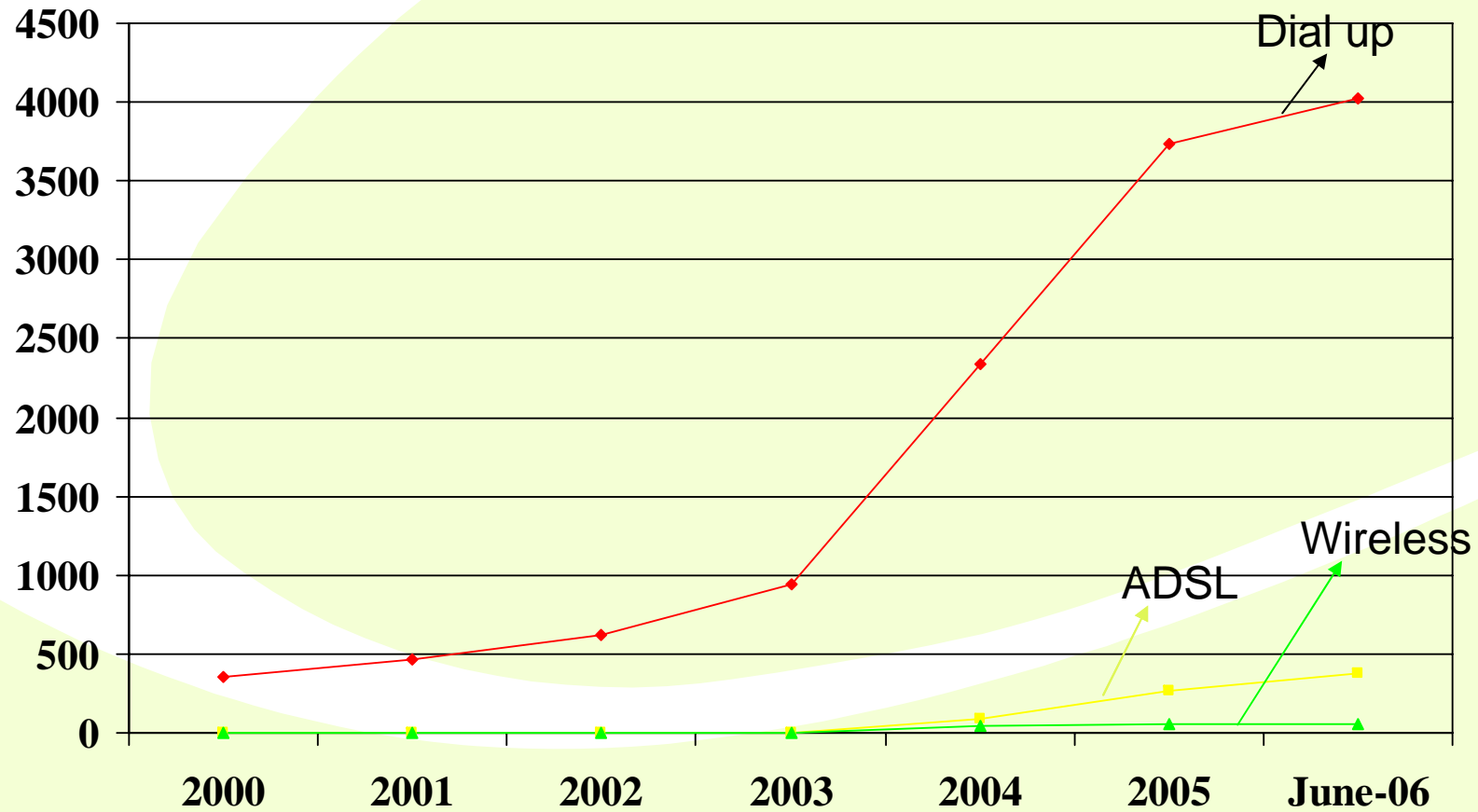
# Existing of ICT Network

No	Name of ISP	Domain Name	Link	Bandwidth
1	STEA	Lanic.net.la	Leased line OFC ETL to Thailand	1 Mb
2	ETL Internet	Etllao.com	OFC to China, Vietnam & Thailand	68 Mb
3	Lao Telecom	Laotel.com	Thaicom Microwave to CAT	16Mb
4	Champalao Internet	Champa.net.la	AsiaSat	N/A
5	Lanexang Internet	Lanexang.net.la,	AsiaSat	N/A
6	Sky. Telecom	Laosky.com	ThaiCom, Singtel	4Mb
7	KPL(ex GlobeCom)	Net.com	Satellite Mabuhay	512 kb
8	Planet Internet	Lao PDR .com	Via ETL to Thailand	6Mb
9	Unicom	Under implementing	N/A	N/A
10	MLL.com	Under implementing	N/A	N/A

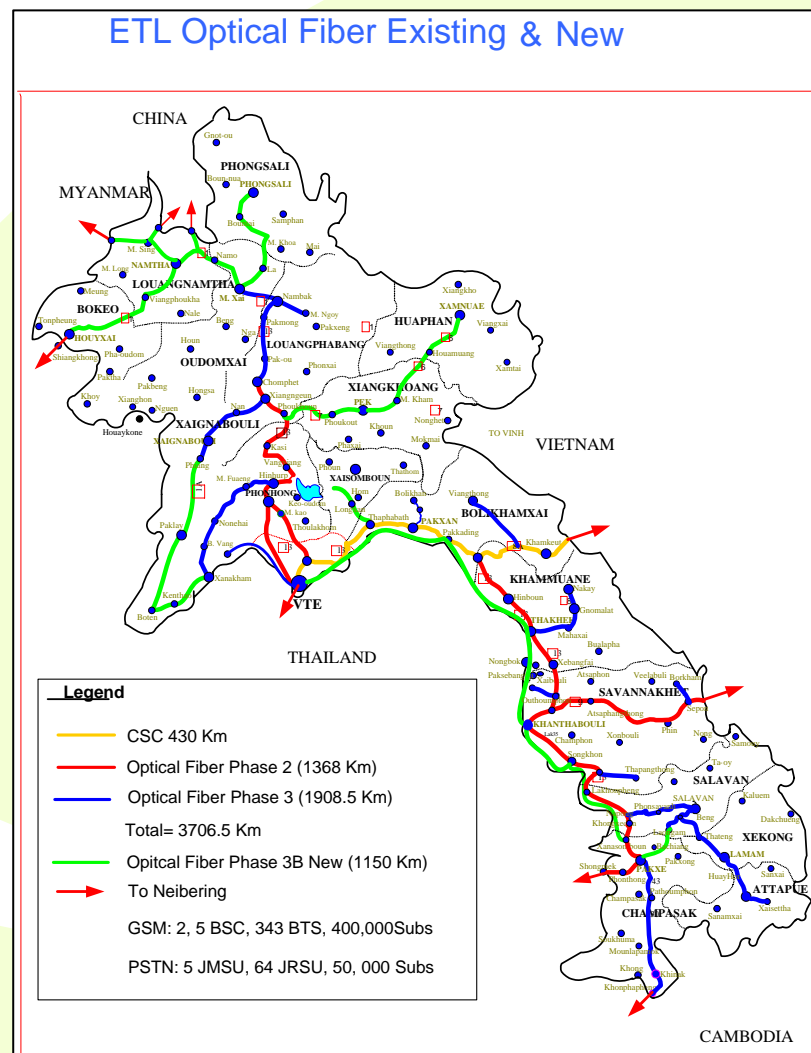
# Existing of ICT ( cont'd )



# Existing of ICT ( Cont'd )



# Optic fiber backbone



# ICT Industry in Lao PDR

- ICT application is increasing all sectors.
- Hardware market is increasing rapidly.
- Almost hardware spare parts are imported and assembly by local vendors.
- There are only a few software developers.
- The current ICT Industry in Lao PDR divided into four sectoral categories:
  1. Computer retailers (50)
  2. ISP (6)
  3. Education (6)
  4. Wireless Network Solutions (1)
- Lao ICT Trade Association has been established in 2005

# ICT Statistic in 2006

- Fixed Telephone density : 1.62 %
- Cell phone subscribers density : 12.8 %
- Computer ownership per 100 inhabitants : 0.88
- Internet users per 100 inhabitants : 0.40
- Internet hosts per 100 inhabitants : 0.21
- Internet cafes per 100 inhabitants : 0.53
- Number of websites in Lao Language : 30
- Number of Websites in English : 250
- National transmission backbone network
  - Via Microwave : 155 Mbps
  - Via Optic Fiber : 2.5 Gbps
  - Via Satellite (Wireless LAN) : 11-55 Mbps
- International bandwidth via Optical Fiber : 310 Mbps
- TV. Density : 13.7%
- Cable TV service providers : 2 Private Companies

# Statistics of Telecom Services in Lao PDR

## Statistics of Telecom Services in Lao PDR ( By the Department of Post and Telecommunication )

### Name and Number of operators:

#### 1. Enterprise's Telecommunication Lao (ETL)

[Fix telephone](#)

[Mobile Phone](#)

[Internet](#)

[Traffic](#)

[Market share](#)

#### 2. Lao Telecommunication Company(LTC)

[Fix telephone](#)

[Mobile Phone](#)

[Internet](#)

[Traffic](#)

[Market share](#)

#### 3 Lao Asia Telecom State Enterprise (LAT)

[Fix telephone](#)

[Mobile Phone](#)

[Market share](#)

[Traffic](#)

#### 4. MilliCom Lao Limited Company ( MLL )

[Mobile Phone](#)

[Market share](#)

[Traffic](#)

[Internet](#) N.A

*As of June 2007*

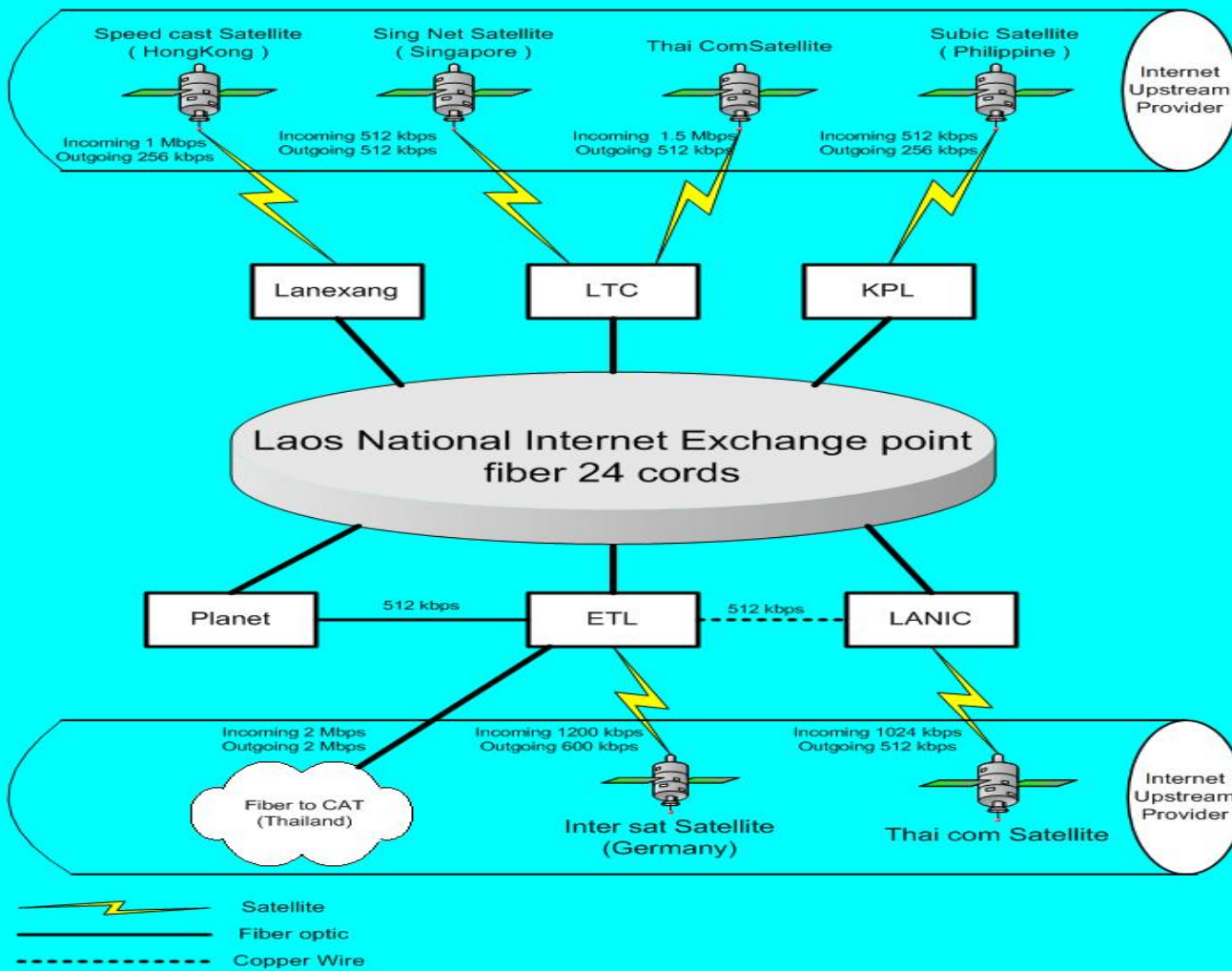
### Summary the total capacity lines and total subscriber lines in used

Categories	Capacity lines	Using Lines
Fix Lines	147,137	93,241
Mobile	1,637,854	1,216,431
CDMA /WLL	50,000	22,040
<b>Total</b>	<b>1,834,991</b>	<b>1,331,712</b>

Internet	Capacity Lines	Using Lines
- Dial up	2,900	1,075
- ADSL	3,520	1,363
- IP Star	800	136
- HIL	140	41

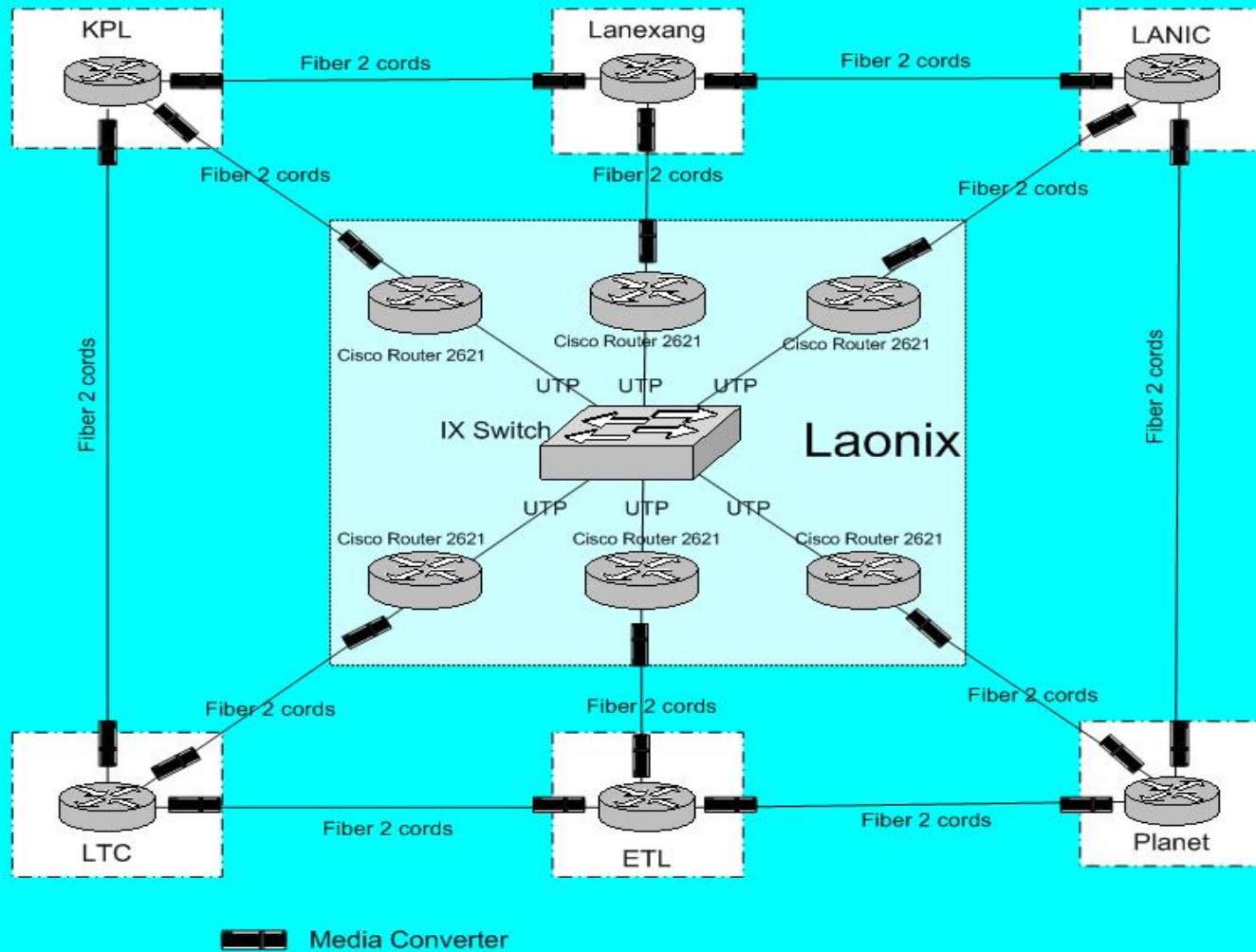
Fix Telephone density per 100 Inhabitants : 1.66  
 Mobile Telephone density per 100 Inhabitants : 22  
 Digital Switching: 100 %

## Internet Infrastructure





## Laos National Internet Exchange Point ( LaoNix )



# Contact Information

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# Thanks You