



INTERNATIONAL TELECOMMUNICATION UNION

**TELECOMMUNICATION
DEVELOPMENT BUREAU**

**Document INF/004-E
21 September 2006
Original: English only**

5TH WORLD TELECOMMUNICATION/ICT INDICATORS MEETING, GENEVA, 11-13 OCTOBER 2006

FOR INFORMATION

SOURCE: Ministry of Posts and Telematics, Viet Nam

TITLE: Overview of National telecommunication in Viet Nam

Overview of National telecommunication in Viet Nam

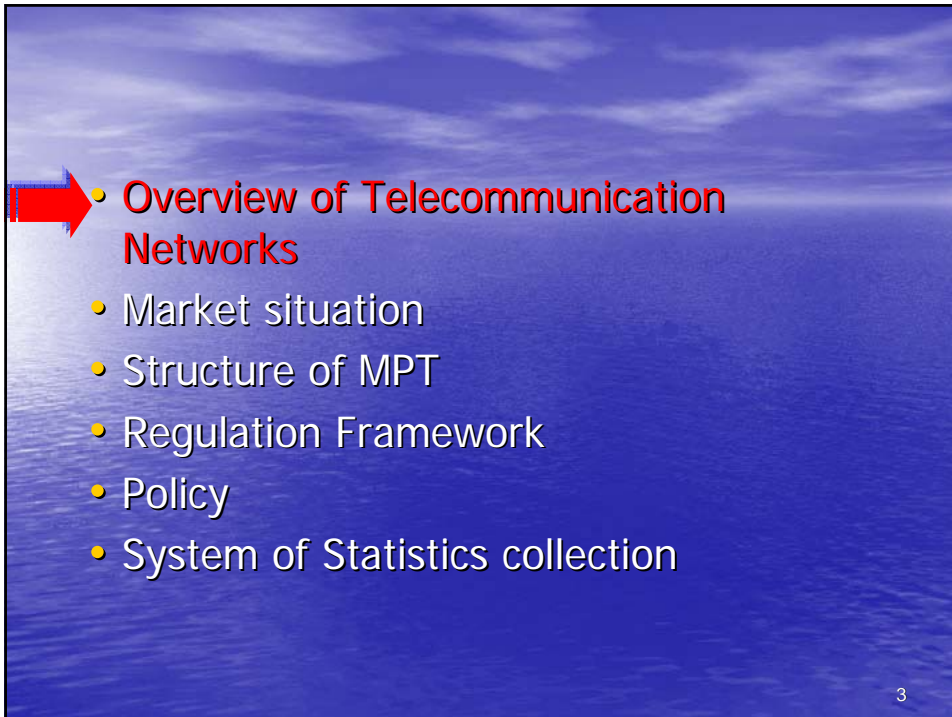
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Content

- Overview of Telecommunication Networks
- Market situation
- Structure of MPT
- Regulation Framework
- Policy
- System of Statistics collection

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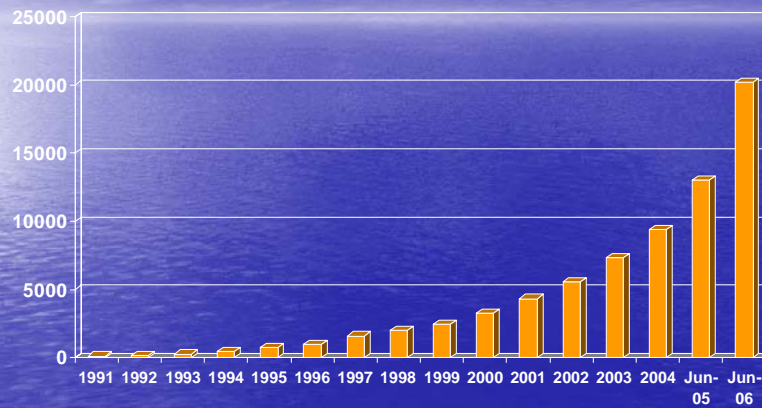
Overview of Telecommunication Networks

- The national information network is being built and upgraded to the next generation network (NGN).
- Number of Telephone subscribers : 20.18 million and penetration rate is 24.42 % (June-2006)
- Number of Mobile phone subscribers nearly: 13.4 millions
- Number of Internet users : 13.5 million (3,68 million Internet subscribers; 227,000 ADSL subscribers), penetration rate 16.14 %
- International Internet capacity : 5795 Mbps

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Overview of Telecommunication Networks

Telephone subscriber development (x1000)



- Note: Mobile: 63.8 %; Fixed: 36.2 %

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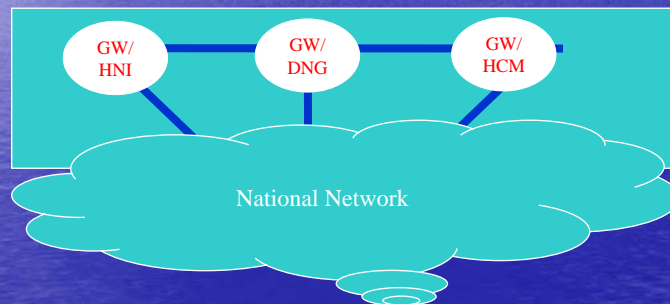
Overview of Telecommunication Networks

- Infrastructure
 - NII with 3 Gateways at Hanoi, Hochiminh and Danang
 - Switching system: Digitalization and is being built and upgraded to the NGN.
 - Transmission system:
 - ✦ International : via satellite, maritime and land fiber optic cables.
 - ✦ Domestic : via satellite, fiber optic cables, micro waves
 - Mobile networks: 5 of 6 Mobile operators have launched service
 - 3 GSM network (MobiFone, Vinaphone, Viettel)
 - 2 CDMA network (S_Fone, EVN Telecom)
 - 1 CDMA Hanoi Telecom will be established
 - Access network: varieties and nation-wide coverage
 - International Internet connection : via US, Japan, Korea, Singapore, Hongkong (5,795 Gbps)

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Overview of Telecommunication Networks

International Gateway



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Market situation

Service	Number of licensed Operator
Mobile	6
Fix local telephone	5
Fix long distance telephone	3
Fix international telephone	3
Internet Exchange Provider (IXP)	6
Internet Service Provider (ISP)	20

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Market situation

- 7 facility-based Operator have been licensed:
 - Vietnam Posts and Telecommunications Corp (VNPT)
 - Military Telecoms Company (VIETTEL)
 - Vietnam Power Telecom Company (VP Telecom)
 - Saigon Post and Telecom stock Company (SPT)
 - Hanoi Telecom stock Company (Hanoi Telecom)
 - Vietnam electronics Communication Shipping Company (VISHIPEL)
 - FPT Telecom

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Market situation

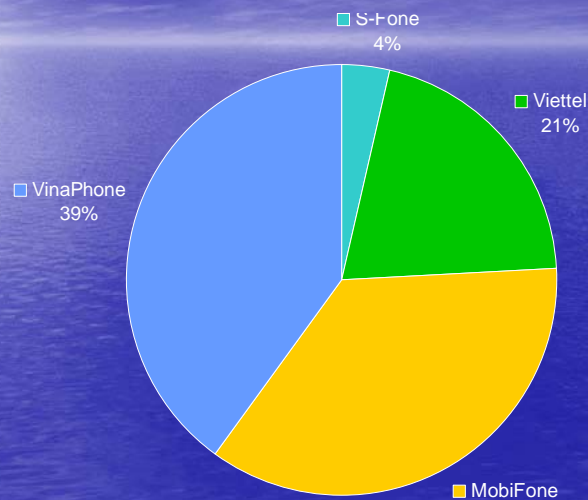
Mobile operators: 6 (VMS, GPC, Viettel, SPT, EVN Telecom, Hanoi Telecom)

– 5 Mobile operators have launched services:

- VMS launched GSM service with name is MobiFone in 1993;
- GPC launched GSM service with name is Vinaphone in 1995;
- SPT launched CDMA service with name is S_Fone in July 2003;
- Viettel launched GSM service with name is Viettel Mobile in October, 2004.
- EVN Telecom launched CDMA service in June 2006

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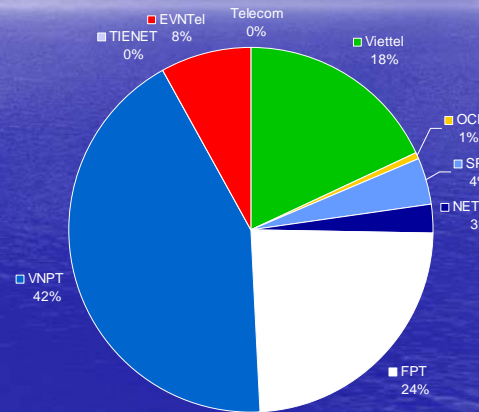
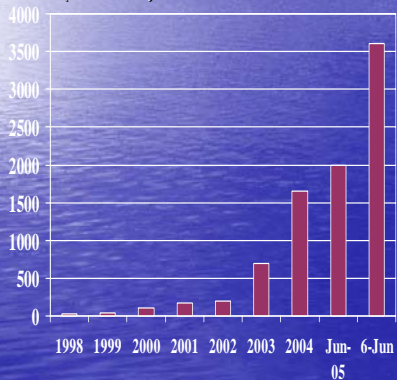
Market of mobile phone



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Market of Internet Providers

Internet subscribers development
(x 1000)



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Structure of MPT

The Ministry of Posts and Telematics of Socialist Republic of Vietnam is the state administration in charge of policy-making and regulatory matters in posts, telecommunications, Information Technology, electronics, internet, radio transmission and emission techniques, radio frequency management and national information infrastructure, management of public services as well as of control over, on behalf of Government and as stipulated by laws and regulations, the state capital is posts, telecommunications and information technology enterprises

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Regulation Framework

- The Ordinance on Posts and Telecommunications adopted by the Executive Committee of 10th National Congress on February 25, 2002.
- The Decree No 24/2004/ND-CP detailing the implementation of a number of articles of the Ordinance on Posts and Telecommunications regarding Radio Frequency was issued on 14/1/2004.
- The Decree No 160/2004/ND-CP detailing the implementation of a number of articles of the Ordinance on Posts and Telecommunications regarding Telecommunications was issued on 3/9/2004.
- Decree No.55/2001/ND-CP dated August 23, 2001 of the Government on the management, provision and use of Internet services

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Policy

- The MPT has been working to develop the Master Plan for ICT development toward the year 2010 and 2020. Following the draft strategy of ICT development in Vietnam to 2010 and upto 2020, the major target are:
- 2005:
 - Production, industry and Services: 30% of of businesses will use ICT application.
 - To complete the Phase 1 of the E-gov.
 - Develop E-commerce.
 - ICT applications in Education & Training.
 - ICT applications in Medicine & Health care.
 - Develop Agriculture & Suburban, contributing to the reducing poverty.
- 2010:
 - E-gov: The basic services.
 - E-commerce: 25- 30% of the total transactions, 10 times increased as compared to 2002
 - Frequent transactions via networks.
- Broad applications of ICT in all the economic, social economic, education, heath, national security.

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Policy

National Infrastructure (toward 2010):

- Accelerate computerize in social activities,
- 100% of villages nationwide accessed to telephone service
- 100% of Postal Service-Cultural Exchange points and multi-purpose points accessed to Internet
- 100% of Districts and a number of villages accessed to broadband services
- Telephone density up to 25~30%, more than 60% families having telephone in the whole country, in which the urban areas: to 100% families;
- Internet subscription density up to 8% (in which 30% for broadband), Internet user around 40% population.

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State Statistics Department rules

- Indicators of all economical sectors
- Telecom indicators are one of them

Ministry of Posts and Telematics
promulgates:

- Telecommunications Indicators
- Internet Indicators
- Other Indicators
- MPT's Department of Plan and Finance shall summarize all collection data about Telecom sector

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Project Structure of Statistics System

- Telecommunications activities
- Networks Infrastructure
- Telecommunications Market
- Universal telecom service
- Quality of services
- Interconnection
- Frequency regulation
- Inspection, Examination
- e.t.c

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Thank you

- You can get further information at
 - For ICT: <http://www.mpt.gov.vn>
 - For Internet: <http://www.vnnic.net>
 - For ICT strategy: <http://www.nipts.gov.vn>
 - For radio management: <http://www.rfd.gov.vn>
 - For IT: <http://www.hca.org.vn/>
- Or email to trtanh@mpt.gov.vn