

# ***UNDERSTANDING ISSUES THAT MATTER***

(Plenary Session II)

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## **UNDERSTAND THE ISSUES**

- ✓ Understanding the issue is actually the real issue. (e-gov was introduced in 1999/2000)
- ✓ In general, the progress is not as expected. Slow.
- ✓ Crisis / economic downturn is not the one to be blamed.
- ✓ Yet, some countries progress, some don't.
- ✓ So what are the issues?

# THE ISSUES ARE...

- ✓ Shifting the paradigm into new economy
- ✓ Understand what and how e-gov contributes to the national economy (*understanding of what e-gov is...still*)
- ✓ Infrastructure availability (*how can we go online without line; wireless is helping and become alternative*)
- ✓ Policy and Regulatory Framework
- ✓ Human Resources
- ✓ Cooperation with ICT professionals/private sector

# DEVELOPING VS DEVELOPED

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• Setting Up the Committee and Secretariat (NITC, TKTI etc)</li></ul> | <ul style="list-style-type: none"><li>• No Committee, but Specific Agency (NOIE etc)</li></ul> |
| <ul style="list-style-type: none"><li>• Develop ICT Master Plan</li></ul>                                   | <ul style="list-style-type: none"><li>• Formulate Policy Application</li></ul>                 |
| <ul style="list-style-type: none"><li>• Strategies</li></ul>  | <ul style="list-style-type: none"><li>• Strategies</li></ul>                                   |
| <ul style="list-style-type: none"><li>• Programs</li></ul>  | <ul style="list-style-type: none"><li>• Programs</li></ul>                                     |

## FOR INDONESIA, THE ISSUES ARE...

- ✓ Shifting the paradigm into new economy
- ✓ Understand what and how e-gov contributes to the national economy (*understanding of what e-gov is...still*)
- ✓ Infrastructure availability (*how can we go online without line; wireless is helping and become alternative*)
- ✓ Policy and Regulatory Framework
- ✓ Human Resources
- ✓ Cooperation with ICT professionals/private sector

### PLUS ...

- The introduction of **LOCAL GOVERNMENT AUTONOMY** to the district (Kabupaten/Kotamadya) level (Law No. 22 and 25/1999)
- Still..the limited budget
- Awareness of the ICT potentials are still low.

## INDONESIA AT A GLANCE

### Geographic Profile (Oct 2000)

- Tropical archipelago country
- Total land surface : 5,193,166 sq km
- More than 17,000 islands; 34 provinces; 364 districts; and about 65,000 villages

### Demographic Profile (Oct 2000)

- 209 million population (4<sup>th</sup> largest in the world)
- Life Expectancy : 66.4 years (Men:64.9; Women:67.9)
- Annual Growth Rate: 1.46 %

### Economic Profile (Oct 2000)

- GDP growth: Up to 1997: 7-8%; 1997: 4.7%; 1998:-13.2%; 1999: 0.2%; 2000: 3.5%
- Per capita GDP (US\$): 1997: 1110; 1998: 640; 1999:580; 2000: 696 (E)

# AVAILABLE INFRASTRUCTURES

*(EXISTING CONDITION-2001)*

- 7.2 millions of telephone lines (Lines in Service)
- 0.5 million public phone (2/3 at wartel/net)
- 5.0 millions of cellular subscribers
- The Telecom Services reach:
  - 76% of kecamatan/subdistricts.
  - 39,2% of desa or villages.

Source: Ditjen Postel and PT.Telkom

# GUIDLINE FOR ICT DEVELOPMENT

1. GBHN (National Guidelines for the development)
2. Propenas (Law No. 25 / 2000) Five-Year Development Pan 2000-2004
3. National IT Framework
4. Inpres No. 6 / 2001
5. Action Plan of Inpres No. 6 / 2001

# PROPENAS LAW

- ✓ **PROPENAS: Law No.25 Year 2000 about: National Development Programs**
- ✓ **For Infrastructures, including ICT, there are three basic policies:**
  - To maintain the level of services for infrastructures;
  - To continue restructuring and reformation process in infrastructure;
  - To increase people’s accessibility to the infrastructure services.

Sources: Bappenas (2000) at [www.bappenas.go.id](http://www.bappenas.go.id)

# RECENT DEVELOPMENTS ON ICT

**CANCUN**  
(May 2000)

**APEC**

- CANCUN DECLARATION**
- To adopt APECs action programs in Telecommunication and information.
  - To support international regulation in charging of internet
  - To adopt Interconnection principles in enforcing multi-operator telecommunication services.

Sources: Ditjen Postal and Bappenas and others

**OKINAWA**  
(July 2000)

**G8**

**OKINAWA CHARTER**

- ICT is one of essential sectors in 21th century.
- To reach digital opportunities
- To bridge the Digital Divide
- To promote to global participation.
- To enforce the readiness of IT policy, regulatory and infrastructure.
- To enforce connectivity, increasing of access, and reducing of cost.
- To develop Human Resources.
- To participate in E-Commerce.

**TOKYO**  
(Nov. 2000)

**APT**

**TOKYO DECLARATION**

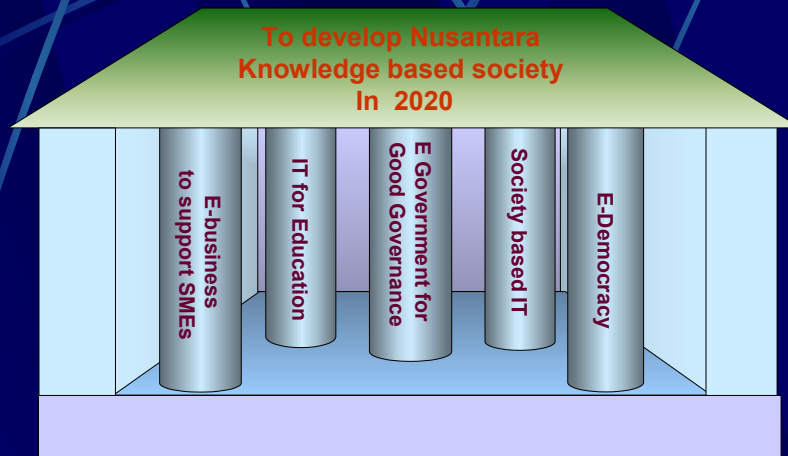
- By 2005, Every people in Asia-Pacific region has opportunity to have access to the Internet
- To unify the Vision of IT
- To bridge the Digital Divide
- To develop ICT infrastructure
- To develop applications
- To develop Human Resources and Literate
- To Cooperate in Regional and Global

**Indonesian ICT**

**NITF**

- E-govt for Good Governance (2005)
- E-business to support SME (2005)
- Community based IT (2010)
- ICT for education (2010)
- E-democracy (2010)

# NATIONAL IT FRAMEWORK (SUMMARY)



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## ***POLICY AND REGULATION ON ICT***

- ✓ Telecommunication Law No.3/1989
- ✓ Blue Print on Government Policy for Telecommunication Sector in Indonesia, 1999
- ✓ Telecommunication Law No 36/1999
- ✓ Kepres 30/1997 and Kepres 50/2000 on Coordinating Team for ICT Development in Indonesia (TKTI)
- ✓ Finalization of Cyber Law is now under process by Unpad and Ditjen Postel (Final draft completed)
- ✓ Finalization of E-commerce Law is now also under process by Trade and Industrial Ministry

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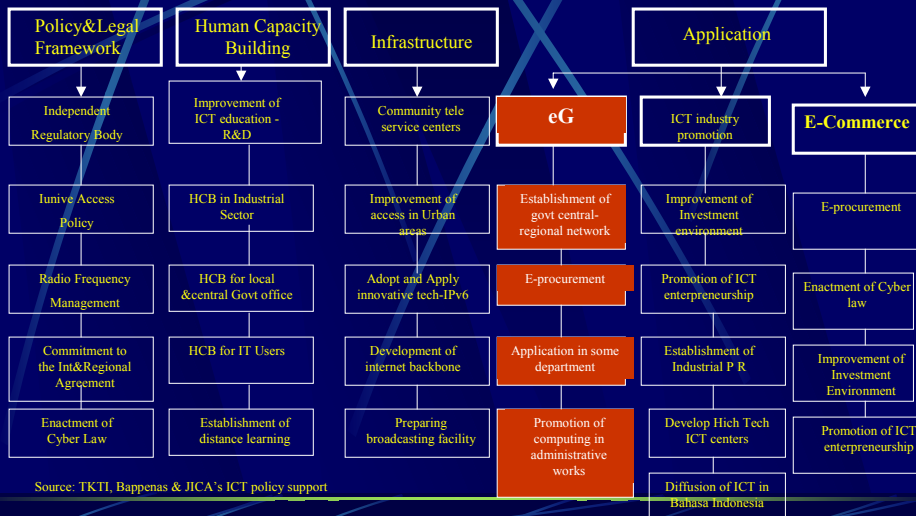
## ***INPRES No. 6 / 2001 (Summary)***

- ICT for the national unity and empowering society
- ICT in society and for society
- National Information Infrastructure;
- Private Sector and Business environment
- Capacity Building and technology;
- Government on line;
- Strengthening TKTI

## ***ACTION PLANS for INPRES No. 6***

- To implement Inpres 6, TKTI and all stakeholder have developed Five-Year *Action Plan* for the development of ICT in Indonesia.
- This action Plan is to provide a complete information for the donors and local investors
- The Action Plan consists of 75 programs on : *Policy dan legal framework; Human Capacity Building; Infrastructure; dan Applications. (17 On-Going; 22 urgent; and 36 Important)*
- *More details pls visit : [www.bappenas.go.id](http://www.bappenas.go.id)*

# STRUCTURE OF THE ACTION PLAN



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- 1997 :Graduated from University of Connecticut (MA in Economics)
- 1989-90: Program Management Consultancy (PMC-IV) for Telecommunication Development
- 1990-present: Working in Bappenas in the area of Post, Telecommunication and IT. Member of TKTI, NTF, e-gov Task Force and Cyber Policy Club (2002).

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