Broadband and Absorptive capacity: Chicken and Egg Situation?

ITU Regional Forum on Reshaping Policy and Regulatory Landscape for Accelerating Broadband Access 8-10 Sept 2015 Jakarta, Indonesia

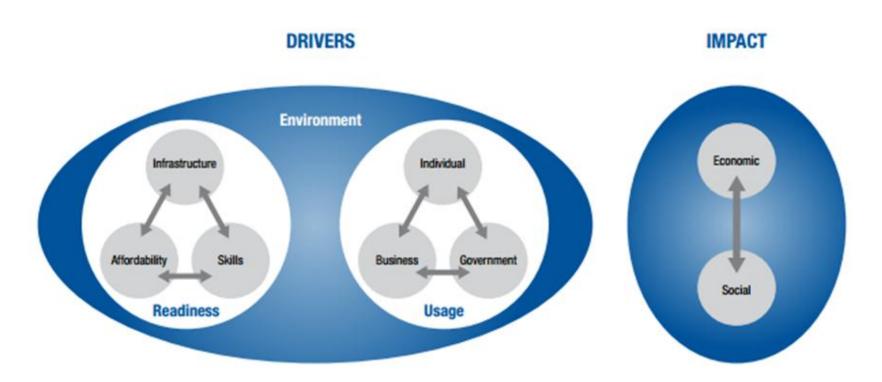
Dr. Ing. Ilham Akbar Habibie, M.B.A

EXECUTIVE CHAIRMAN









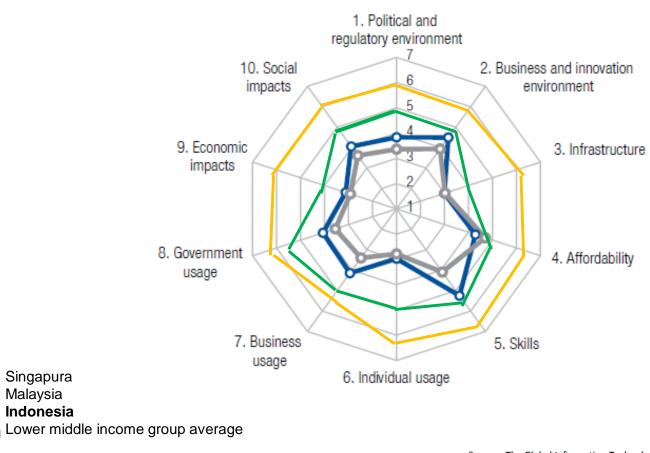
The success of a country in leveraging ICTs depends in part on the quality of the overall operating environment. The Readiness subindex measures the extent to which a country has in place the infrastructure and other factors supporting the uptake of ICTs. The Usage subindex assesses the extent of ICT adoption by a society's main stakeholders: government, businesses, and individuals. (WEF, 2015)

INDONESIA: NETWORKED READINESS INDEX 2015

Singapura

Malaysia Indonesia





Source: The Global Information Technology Report 2015. Insead/WEF





± 248,645,008 Penduduk

The 4th larger population in the world



± 17.508 Islands

The largest archipelago in the world



± 1.340 Ethnic

Countries with the largest ethnic group in the world



± 746 Dialect

Countries with the largest dialect in the world

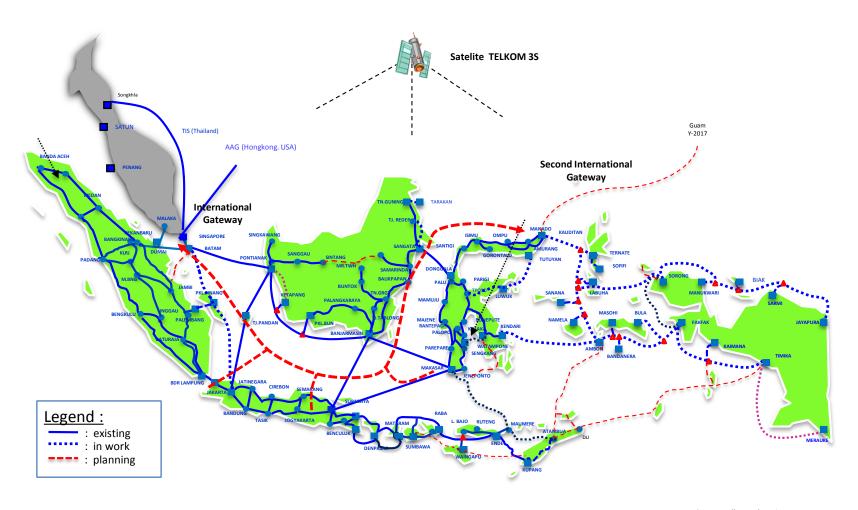
Large population into a driving demand and geographical conditions to the challenge of infrastructure development (supply).

Broadband is an enabler to transform Indonesia into a developed country and unite the nation.

Sources: berbagai sumber

BROADBAND NETWORK





Source : Telkom Indonesia

Improved Broadband and Capacity



- Well-designed incentives to achieve affordability
- Inter-ministerial coordination to optimize regulatory framework (horizontally and vertically integrated)
- Enlarging scope of e-Government
- Citizen activation (learning)
- Test market actuation (multi-sectoral collaboration)

Base on Presidential Regulation No. 96 year 2014, DETIKNAS has a vital role in supporting the implementation of Indonesia Broadband Plan (IBP).

NATIONAL ICT COUNCIL PROFILE

ORGANIZATIONAL STRUCTURE AND FUNCTIONS

Transformation National ICT Coordination



2000	Tim Koordinasi Telematika Indonesia (TKTI)	President Decree No. 50 Year 2000 → Chief: Vice President → Chief Executive: Minister of PAN
2003	Tim Koordinasi Telematika Indonesia (TKTI)	President Decree No. 9 Year 2003 → Chief: President → Chief Executive: Minister of ICT
2006	Dewan TIK Nasional (DETIKNAS)	President Decree No. 20 Year 2006 → Chief: President → Chief Executive : Minister of ICT
2014	Dewan TIK Nasional (DETIKNAS)	President Decree No. 1 Year 2014 → Chief: President → Chief Executive : Ilham Habibie

Organization Structure (President Decree 1 year 2014)



Steering Committee

Chairman: Presiden RI

Vice Chairman: Coordinating Minister for Economic Affairs

Chief Executive: Minister for Chairperson of the National Development Planning Agency

Member:

Minister of ICT

Minister of Education

Minister of Industry

Minister of Health

Minister of Finance

Miinister of Research and Technology*

Minister of Culture and Creative Economy*

Cabinet Secretary



Organization Structure (President Decree 1 year 2014) (cont.)



Steering Committee

Executive Team

Chief: Dr. Ing. Ilham Akbar Habibie, M.B.A

Vice : Wakil Menteri PPN/Bappenas*

Secretary : Dirjen SDPPI Kemkominfo

Vice Secretary: Muhammad Andy Zaky

Vice Secretary II : Mira Tayyiba

Member : Deputi Bid Kord Infra & Peng Wil

KemkoPerekonomian; Dirjen Aptika Kemkominfo; Sekjen Kemkes; Sekjen Kemdag; Dirjen Anggaran Kemkeu; Sekretaris Kempan & RB;

Sestama Bappenas; Deputi SarPras Bappenas; Kapusintek

Kemdikbud, Dir ETI Bappenas; Kabiro Ortala Bappenas; Ketua

Mastel; Waka umum bid ICT & Penyiaran, KADIN; Amir Sambodo;

Sylvia Sumarlin; Indra Utoyo; Hari Sungkari; Garuda Sugardo; Zainal

A. Hasibuan; Virano G. Nasution; Ashwin Sasongko Sastrosubroto;

Anantyo Wahyu Nugroho

Working Group

Secretariat Team

Partner team

Advisory

Team

Task of DETIKNAS (President Decree 1 year 2014)



- Formulate the general policy and strategic direction of national development, through the development of information and communication technologies, including infrastructure, applications, and;
- Assessment, evaluation, and input in determining the steps to resolve the existing strategic issues for the development of information and communication technologies;
- National coordinating with central government agencies / Region, State
 Owned / Regional Owned Enterprises, Businesses, Institute of
 Professional, and the general public in the development of information
 and communication technology as well as empowering society; and
- **Approved the implementation** of the program of information and communication technology development among ministries in order to effectively and efficiently.



Indonesia
as a Country with Economy
Based on Innovation and Knowledge

2015ASEAN Economic Community

ICT FOR GOVERNMENT

ICT FOR HEALTH

ICT FOR EDUCATION

ICT FOR ECONOMIC

INDUSTRIAL DEVELOPMENT NATIONAL ICT

INFRASTRUCTURE

INDONESIA BROADBAND PLAN

PRESIDENT DECREE NO. 96 YEAR 2014 – INDONESIA BROADBAND PLAN 2014-2019



Presidential Regulation No. 96 year 2014 About Broadband Plan 2014-2019

The concept and development plans high speed internet access (broadband) in Indonesia.



MEANINGFUL BROADBAND KABUPATEN INITIATIVE

PILOT PROJECT IMPLEMENTATION INDONESIA BROADBAND PLAN



Meaningful Broadband has the following three characteristics:

- useable
- affordable
- empowering
- How can broadband access in Indonesia be beneficial to the society as a whole
- Using broadband to achieve a knowledge and innovation based society

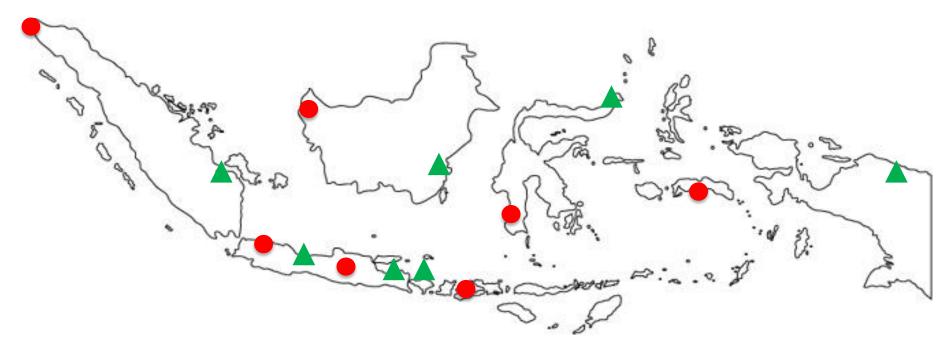
Feasibility Study & Roadmap



- → Direct survey regarding these four pillars: government, economics, health and education
- ★ The study will map the broadband ecosystem that exists today in each city / district, in these five aspects: Technology, Public policy, Management, Finance, Ethics.
- ★ Recommendations includes capacity building that needs to be done for each city / district.
- → The result of this phase is a more detailed broadband work plan (roadmap) for each city / district that will be the reference for the next phase (implementation phase).

Pilot Project Phase 1 (2014-2015)





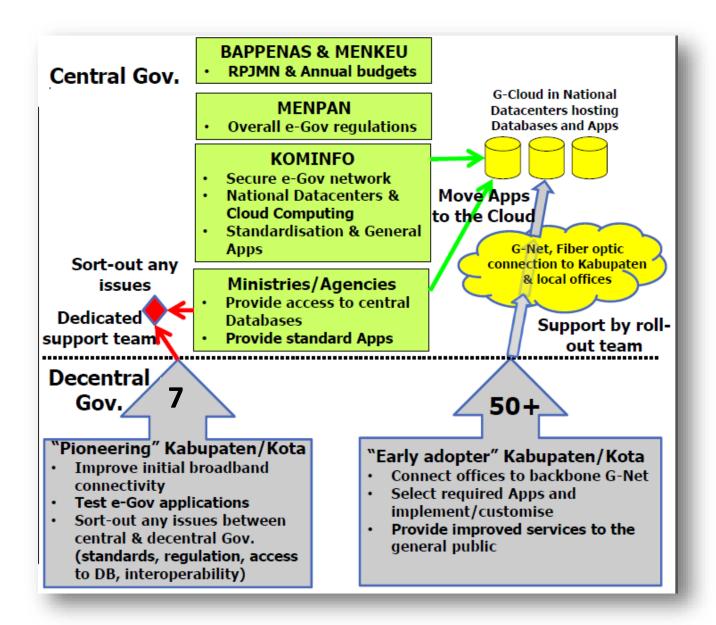
▲ Pilot Project Phase I (2014):

7 City / Districts : Kab. Banyuasin, Kota Pekalongan, Kab. Banyuwangi, Kab. Jembrana, Kota Balikpapan, Kab. Minahasa Utara, Kab. Jayapura.

Pilot Project Phase I (2015):

7 City / Districts: Kota Banda Aceh, Kabupaten Sragen, Kota Pare-Pare, Kota Singkawang, Kota Mataram, Kota Ambon, Kota Bandung









Dewan Teknologi Informasi dan Komunikasi Nasional 2015

