Maximizing The Socioeconomic Contribution of ICT for Indonesia

MASTEL 4 INDONESIA
Mendorong Percepatan Implementasi RPI
Setelah Migas, TIK Penyumbang Terbesar Defisit Neraca Perdagangan

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Selasa, 14/04/2015 07:11 WIB

Menkominfo Rudiantara (agung/detikINET)

Jakarta - Beberapa tahun terakhir sektor minyak dan gas (migas) merupakan penyumbang terbesar defisit neraca perdagangan. Namun tidak banyak yang mengetahui bahwa sektor teknologi informasi dan komunikasi (TIK) juga memiliki peran yang tak sedikit.

Tahun lalu saja, sektor TIK berkontribusi hingga USD 6 miliar. Ini menjadikan TIK menjadi sektor nomor dua setelah Migas sebagai penyumbang defisit transaksi perdagangan. "Ini sangat besar, terlalu besar malah," kata
<table>
<thead>
<tr>
<th>Activity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Menggunakan jejaring sosial</td>
<td>87.4%</td>
</tr>
<tr>
<td>Mencari info/searching/browsing</td>
<td>68.7%</td>
</tr>
<tr>
<td>Instant messaging</td>
<td>59.9%</td>
</tr>
<tr>
<td>Mencari berita terkini</td>
<td>59.7%</td>
</tr>
<tr>
<td>Video streaming Download/Upload Video</td>
<td>27.3%</td>
</tr>
<tr>
<td>Berkomunikasi menggunakan Email</td>
<td>25.4%</td>
</tr>
<tr>
<td>Jual Beli online</td>
<td>11.0%</td>
</tr>
<tr>
<td>Game online Video Call</td>
<td>10.1%</td>
</tr>
<tr>
<td>Forum online/komunitas online</td>
<td>4.3%</td>
</tr>
<tr>
<td>Transaksi perbankan</td>
<td>4.2%</td>
</tr>
<tr>
<td>VOIP</td>
<td>3.5%</td>
</tr>
<tr>
<td>Blog Pribadi</td>
<td>3.2%</td>
</tr>
<tr>
<td>File Sharing</td>
<td>1.9%</td>
</tr>
<tr>
<td>Website Pribadi</td>
<td>0.8%</td>
</tr>
<tr>
<td>VOIP/Telepon melalui internet</td>
<td>0.8%</td>
</tr>
<tr>
<td>Distance Learning</td>
<td>0.8%</td>
</tr>
</tbody>
</table>
Strong positive correlation between ICT readiness and economic competitiveness

- Developing ICT ecosystem
- Using ICT to foster accelerate economic growth
ICT Vision and Strategic Priorities

“Maximizing the socioeconomic contribution of ICT for Indonesia”

1. **BROADBAND INFRA-STRUCTURE DEVELOPMENT**
   - To build the ICT infrastructure to support Indonesia Broadband Plan & Digital Divide/Digitalization

2. **BROADBAND SUPRA-STRUCTURE DEVELOPMENT**
   - To develop a skillful ICT Human Capital Development, enable policies, harmonize legislation and Convergence Regulation and establish Cyber Security & Governance

3. **NATIONAL ICT INDUSTRY**
   - To strengthening National Telecom, Media & Information Technology (Device, Network, Application/Content) through resource synergy, efficiency and local development

4. **Economic Transformation**
   - Using ICT to foster accelerated and equitable economic growth
   - Selected Priorities:
     - Upstream & Downstream Industry
     - ICT Adoption for SMEs
     - E-Financial Services

5. **Sustainable Social Development**
   - Enhance quality of life through affordable and equitable ICT
   - Selected Priorities:
     - E-Government
     - E-Healthcare
     - E-Education
     - E-KTP/KIS/KIP
     - E-Budgeting
     - E-Procurement
     - E-Services
     - Government Public Relation

6. **National Development**
   - Supporting national development agenda to contribute significant benefit for peoples and the Republic of Indonesia
   - Selected Priorities:
     - Food Sovereignty
     - Infrastructure
     - Energy
     - Maritime
     - Tourism & Creative Industry
Key Strategic Initiatives

IBP Targets

2013
- Fixed Broadband: 15% HH (1Mbps) and 5% population;
- Mobile Broadband: 12% population (512 kbps)

2019
- Urban:
  - Fixed Broadband: 71% HH (20Mbps);
  - Mobile Broadband: 100% pop (1 Mbps)
- Rural:
  - Fixed Broadband: 49% HH (10Mbps);
  - Mobile Broadband: 52% pop (1 Mbps)

National Goal 2019:
Mobile BB of 1 Mbps covers all population in urban and 52% population in rural
Key Strategic Initiatives

- Regulatory Issue
  - Convergent Regulation
  - Cybersecurity and Governance
  - Intellectual Property Policy and Law Enforcement

- Addressing the Digital Devidend Through Enhancing Policy Scope and Models

- Industry Efficiency
  - Industry Consolidation
  - Infrastructure Sharing
  - Optimizing Right of Ways
  - Frequency Spectrum Optimazation (Digital Deviden, Refarming, White Space, and Technology neutral)
Key Strategic Initiatives

- Improve The Quality and Efficiency of Public Services Through Adoption of E-Government (Strategy, Infrastructure)
  - Standardize/ Mandatory Set of System.
  - One Stop Shop Government Services
- Develop Upstream and Downstream Industry (Manufacturing, Services, Creative Industries)
- ICT Adoption for SME's
- Using ICT to Facilitate Financial Inclusion
- Increase Supply of Skilled ICT Workforce (Courses, Education and Research)