

(An Update Report)

**Information and Communication Technology (ICT) Development in the
Philippines**

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OUTLINE

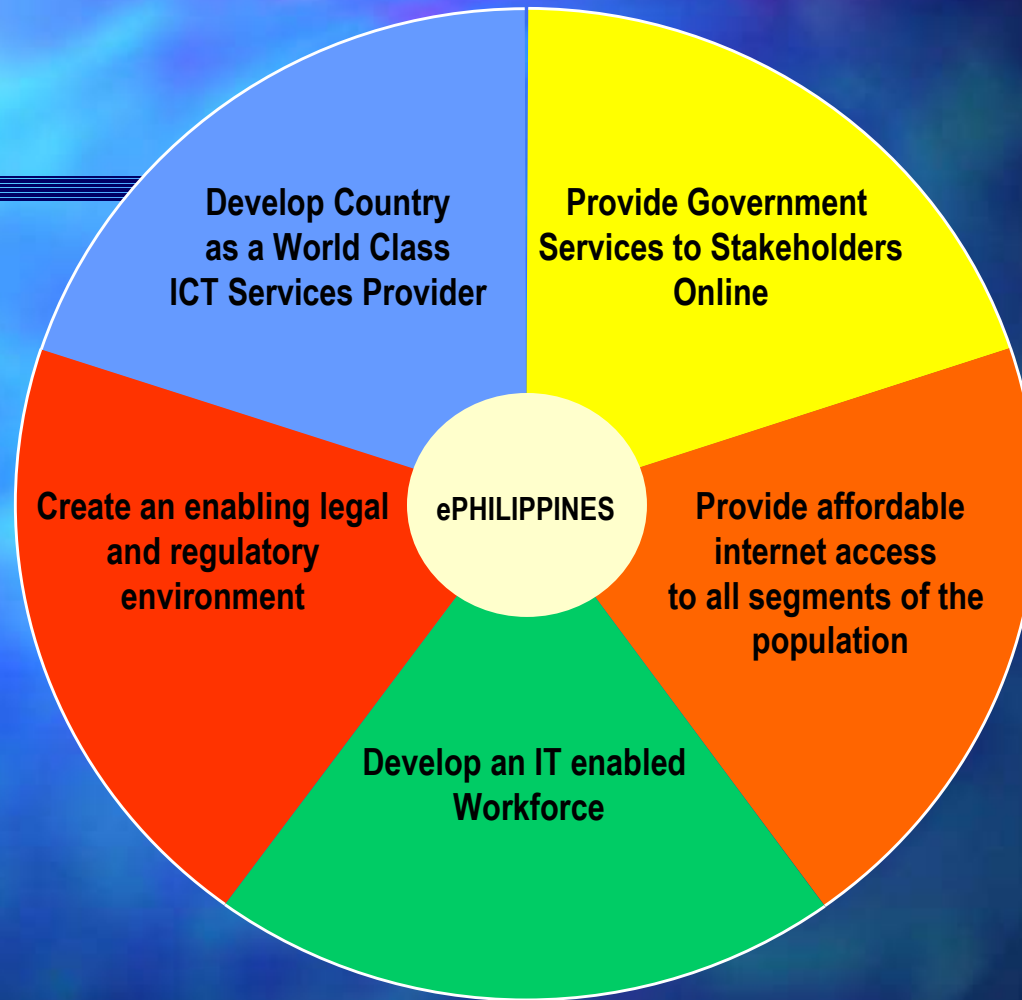
Part 1 - ePhilippines Vision

Part 2 - ICT Development Strategies

**Part 3 - Socio-economic Issues and
Programs**

STRATEGIC VISION TO ePHILIPPINES

Part 1



An e-enabled society where citizens have access to technologies that will provide quality education, efficient government service, greater source of livelihood, and a better way of life.

ICT STRATEGIC PRINCIPLES

- Fuel Economic Growth
- Reduce the cost of government
- Provide universal access
- Build consumer confidence on e-commerce
- Grow human resource capabilities
- Content development

Part 2

ICT Development Strategies

E-GOVERNMENT

- Develop Long Term IS Plan
- Focus on inter agency systems
- Outsourcing of application development
- Develop single government portal
- Develop funding strategies

BUSINESS DEVELOPMENT

- Development of Five E-Services Sectors
 - customer contact centers
 - medical transcription
 - animation
 - software development
 - shared financial services
- Development of Certification systems for the five sectors
- E-Services Communication Plan

LEGAL and REGULATORY ENVIRONMENT

- Legislative Agenda for ICT
 - Creation of DICT
 - Convergence
 - Internet Privacy and Security
- E-Commerce Issues
 - Digital Signature Authentication
 - Jurisdiction
 - IPR

INFORMATION INFRASTRUCTURE

- Develop the Philippine Information Infrastructure (PII)
- Lower bandwidth cost in IT and Educational Hubs
- Consolidation of Government Networks
- Communal/collective access to information as universal access strategy

HUMAN RESOURCE DEVELOPMENT

- Enhance English, Math, and Science in Basic Education
- Develop Teacher IT Skills
- Develop IT Skills in E-Services
- Develop E-Learning (E-Learning Conference)

Part 3

Socio-Economic Issues and Programs

Socio-Economic Areas

- **Peace, Order and Security**
- **Financial and Fiscal**
- **Agriculture and Rural Development**
- **Trade and Industry**
- **Tourism-Related Industries**
- **Housing**

- **Education**
- **Health and Other Social Services**
- **Good Governance**
- **Infrastructure**
- **Telecommunication and IT**
- **Labor and Employment**



Issues and Programs (E-Government)

Issue: Inadequate ICT infrastructure to support interconnectivity and wider public access to government information and services.

Programs:

- **Establishment of high speed, secure and reliable networks connecting different government agencies.**
- **Development of Philippine e-government portal, such as one-stop internet gateway to major government services and information.**
- **Streamlining, simplification and integration of frontline services of various government agencies by use of ICT**
- **Building and maintaining world-class government websites.**

Issue: Weak regulatory and administrative capacity on ICT development.

Program:

- **Creating a Department of Information and Communication Technology, a single department that will oversee the development of ICT in the country, provide policies and guidelines and direct ICT efforts of the government.**

Issue: Need for improved procurement policy for ICT resources and services.

Program:

- **Formulation of policies on E-Procurement, implementing rules and regulations for IT procurement under the Build-Operate-Transfer Scheme.**

Issue: Weak regulatory and administrative capacity on ICT development.

Program:

- **Security to allow important information to be put online and to give citizens and consumers the peace of mind in making transactions over the Internet.**



Issues and Programs (E-Commerce/E-Business)

Issue: Limited broadband in key cities and identified growth centers and priority areas

Program:

- Provision of broadband at selected key locations such as Industrial Parks, ICT Parks, Business/Trade Centers and regional centers such as BIMP-EAGA.

Issue: Need to address constitutional issues on ownership (e.g. 60-40 and 100% Filipino ownership for mass media).

Program:

- Passage of a convergence law that will allow the convergence of telecomms, broadcast media and the broadband facility of cable tv for 2-way communication for faster, wider and more affordable public access to ICT and Internet.

Issue: Need to promote internationally competitive Small, Micro and Medium Enterprises (SMMEs).

Program:

- **Formulation/implementation of SMMEs e-Development Program.**
- **Provision of incentives for SMMEs to move into ICT services.**

Issue: Need to make business more competitive in the global arena and responsive to local needs.

Program:

- **Establishment of a Port e-community to evolve into a Trade e-community.**
- **Identification and establishment of an IT hub in Mindanao along the BIMP-EAGA corridor.**
- **Promotion of digital signature, intellectual property protection, security and privacy to protect consumers.**
- **Building and maintaining world-class private sector websites.**



Issues and Programs (E-Community)

Issue: Inadequate communal/collective public access to ICT facilities throughout the country.

Program:

- **Establishment of Multi-purpose Telecenters in municipalities.**
- **Study the provision of incentives for schools that would serve as the venue for Multi-purpose Telecenters.**

Issue: Limited access to basic information and services.

Program:

- **Establishment of e-Health portal (i.e. services of municipal health offices disbursed via the Web, online consultation among doctors or between doctors and patients).**
- **Establishment of AgriNet to gain access to timely market, geographic and weather information that will help farmers make sound decision and enable them to conduct online sale and purchasing.**
- **Development of a Community e-Newsletter.**
- **Promotion of e-Tourism in the rural areas.**



Issues and Programs (E-Knowledge)

Issue: Low quality and standard in basic education.

Program:

- **Develop guidelines on enhancement of basic education to strengthen foundation for ICT knowledge.**

Issue: Inadequate human resource competency in ICT.

Program:

- **Develop program to increase the number of Filipinos with IT skills of international standard.**
- **Develop program to raise ICT awareness and capability through formal and informal methodologies.**

Issue: Low literacy among broad section of the population.

Program:

- **Establishment of SchoolNet by-** 1) Connecting public schools to the Internet to expand capacity for learning, 2) Facilitate Internet access by students and 3) Provision of broadband to key locations like educational hubs and IT parks at affordable cost.

Issue: Wide knowledge gap and uneven distribution of technical know-how.

Program:

- **Develop online distance education programs for short and full credit courses via the Internet or CD-ROM.**
- **Establishment of virtual classroom.**
- **Develop policy and program on e-learning which includes ICT learning and program.**



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