REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

PHILIPPINE DIGITAL GOVERNANCE INITIATIVES

Digital Transformation in Public Service

3rd Asia-Pacific Regional Forum on Smart Cities and e-Government
22 September 2017 | IMPACT Exhibition and Convention Center, Thailand

ALAN A. SILOR
Assistant Secretary, DICT
Republic of the Philippines

BACKGROUND

http://newsbytes.ph/2016/11/10/dict-pushing-for-eo-on-telecommuting-ict-solutions-to-ease-traffic/

http://www.philstar.com/headlines/2016/09/22/1626307/ict-solutions-may-reduce-traffic-problems-dict-usec

http://technology.inquirer.net/63793/free-wi-fi-edsa-starting-june-12-dict

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ECONOMIC EXPERIENCE

Metro Manila loses at least

P2.4B

a day in productivity

(JICA, 2014)

MAIN REASON:

Vehicular Volume

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ICT-BASED SOLUTIONS TO TRAFFIC CONGESTION

Increase the road and rail network, improve the mass transit system.

Infrastructure

Decrease the number of private vehicles plying the present road network.

Infostructure

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DICT

DICT
DEPARTMENT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

Created under the Republic Act 10844 of the Philippines

- Primary policy-making, planning, coordinating, implementing and administrative body of the Philippine government
- Promotes and develops the nation's ICT

The Department Information and Communications Technology shall:

- Ensure universal access to quality, affordable, reliable and secure ICT services
- Promote the application of ICT to improve public service delivery in the fields of education, public health and safety, revenue generation and socio-civic purposes

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ICTs and Government Efficiency

The Philippines rallies for **digital transformation** and champions the development of the broadband ecosystem in several fronts including technical feasibility, policy interventions and enabling innovations.

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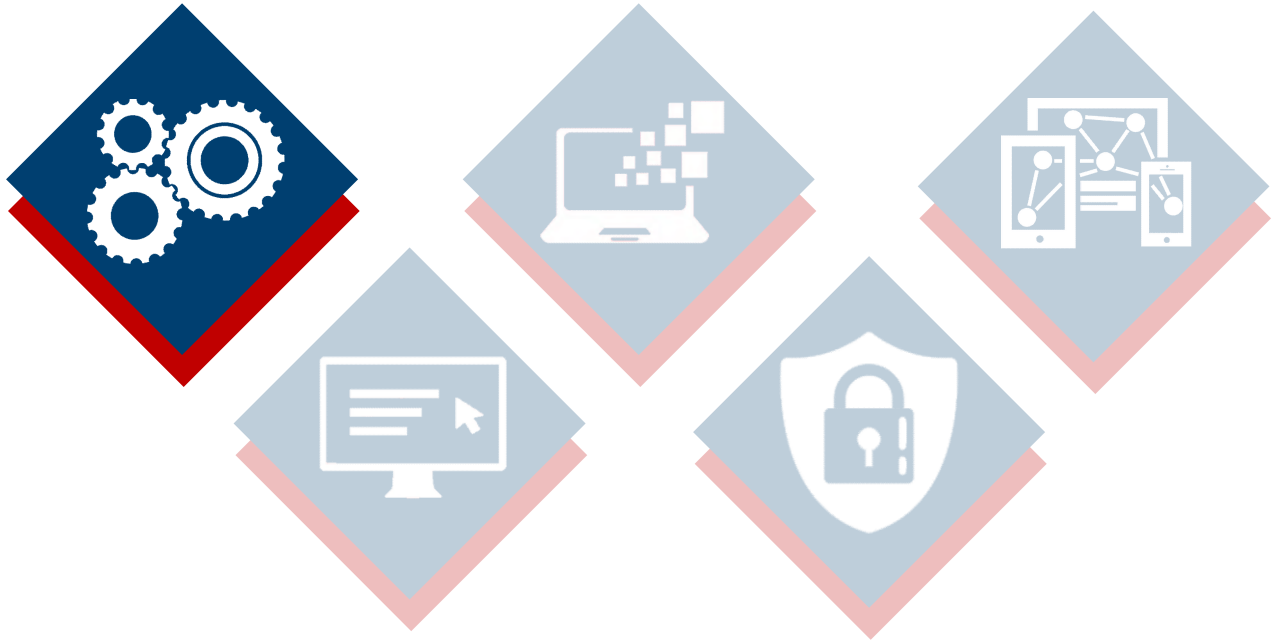
Philippine Development Plan

Countryside Development

Other ICT Interventions



E-Government Initiatives

Cybersecurity Solutions

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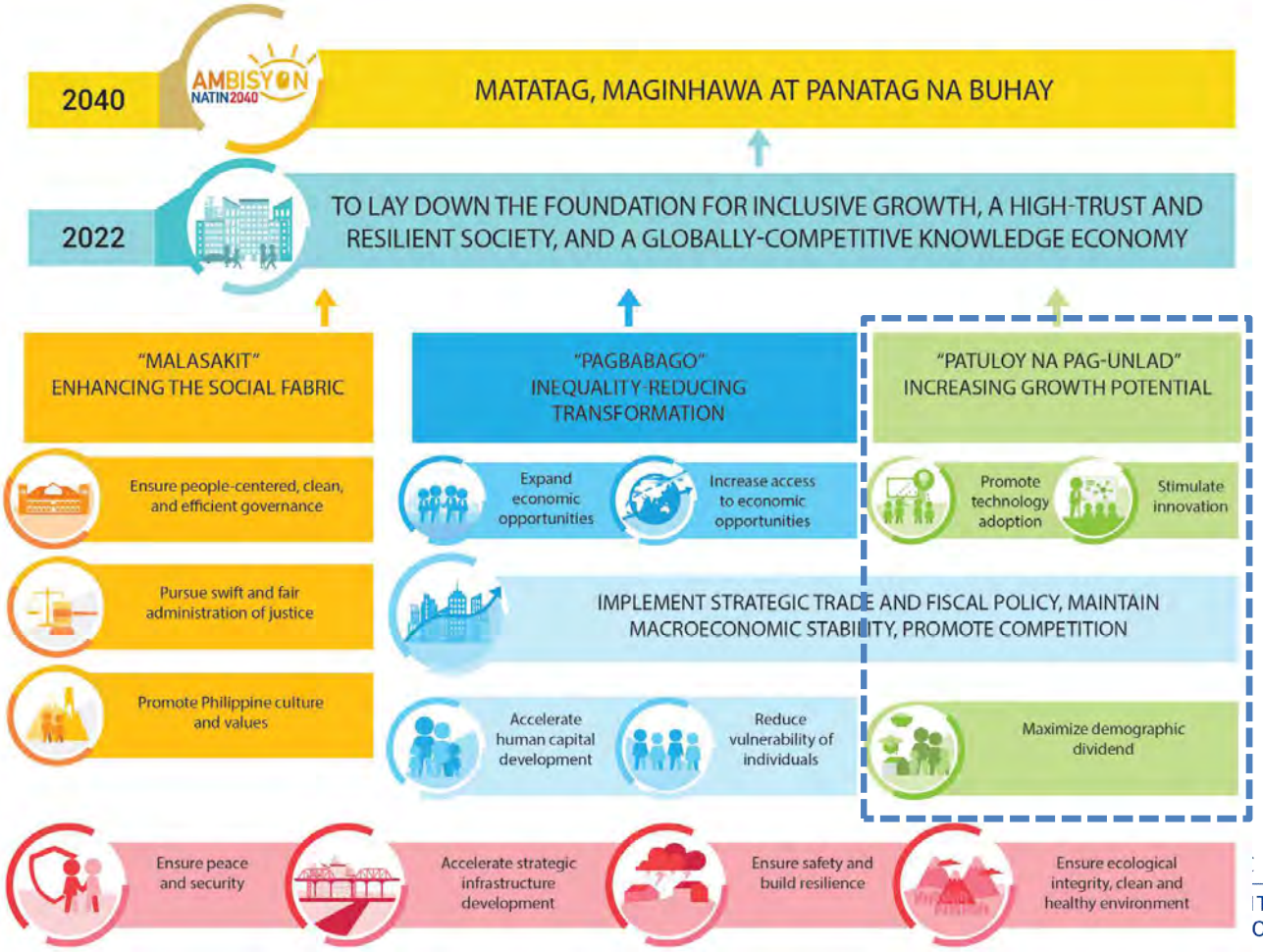
ICTs and Government Efficiency

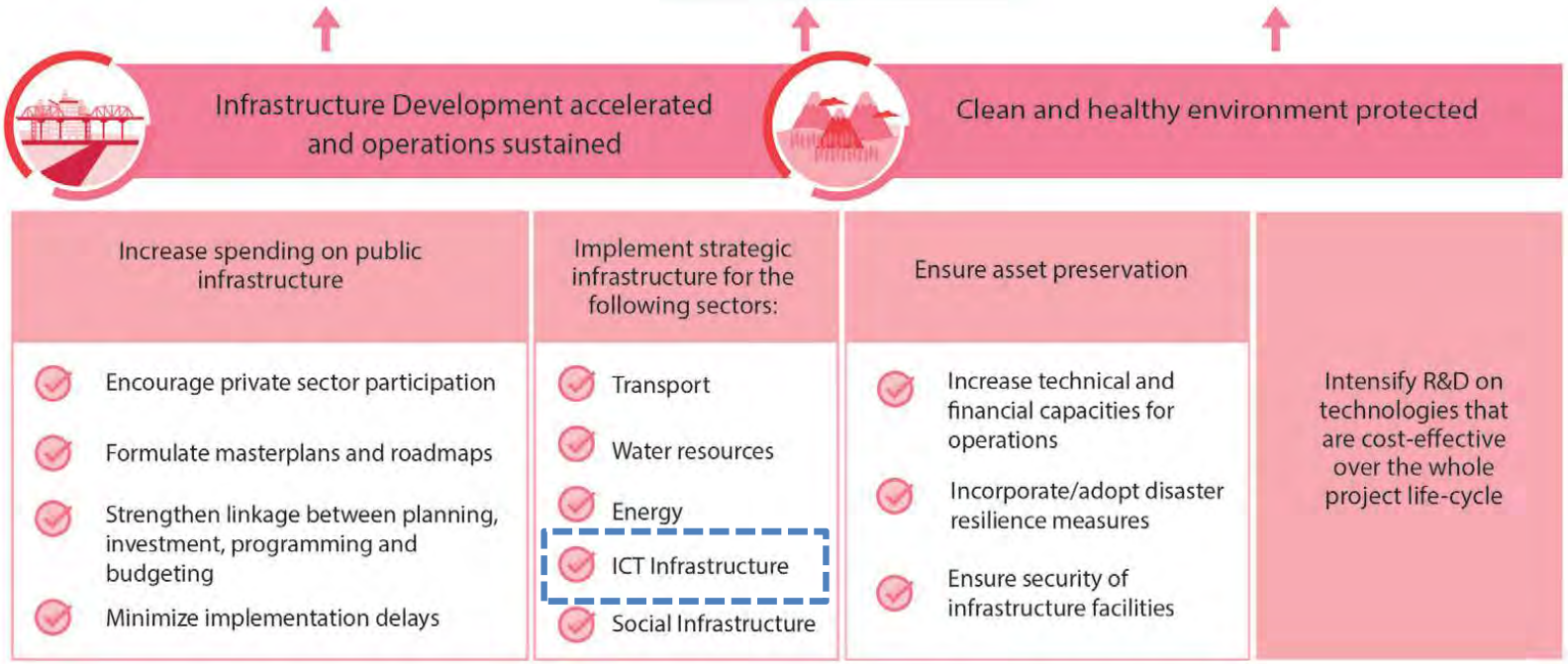
With the advent of ICT, our contract with the Filipino people is foremost in the achievement of the nation's goal of prosperity for all, with priority of extending **connectivity to the unserved and underserved** members of the population.

Philippine Development Plan 2017-2022



Philippine Development Plan 2017-2022

"PATULOY NA PAG-UNLAD"
INCREASING GROWTH POTENTIAL



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Philippine Development Plan 2017-2022

PRIORITY STRATEGIES FOR THE ICT SECTOR:

Expand the deployment of ICT infrastructure and address the gaps in digital connectivity

Continue to enhance the country's e-government system as a vital tool for good governance

Institute reforms in the policy and regulatory frameworks

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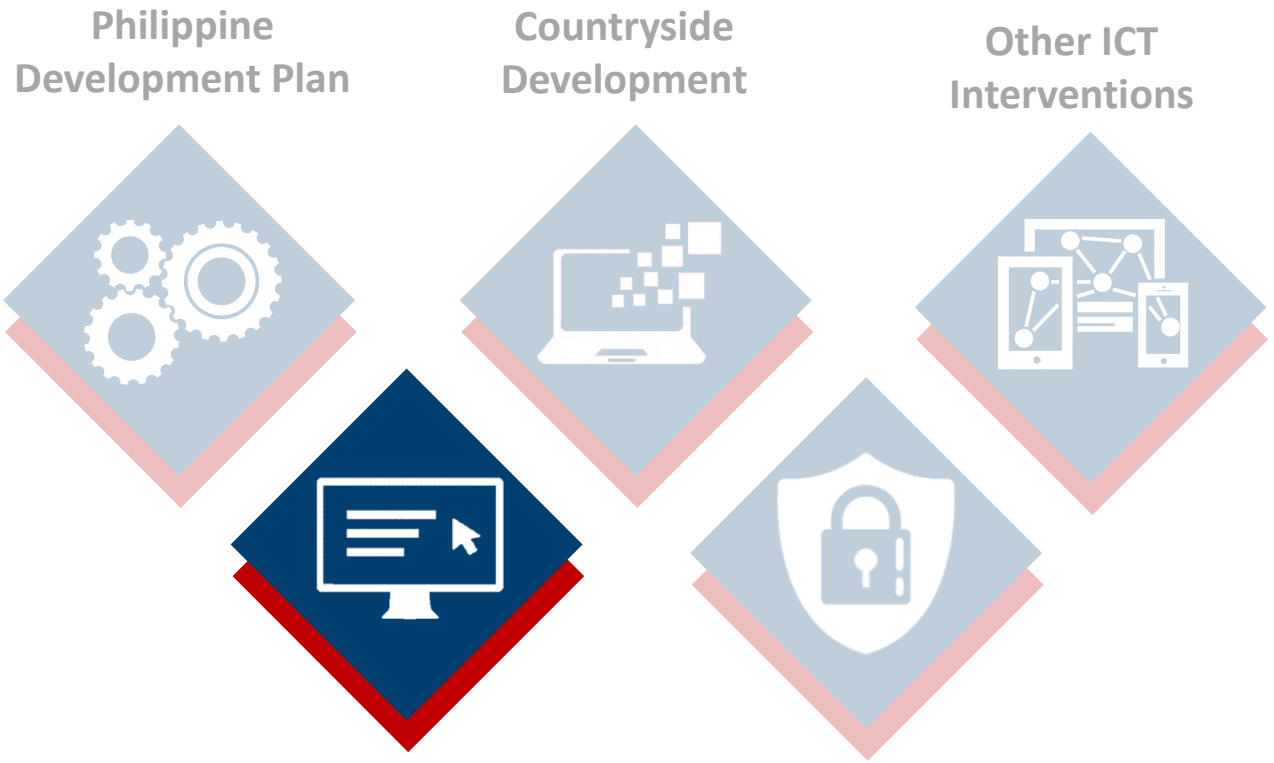

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ICTs and Government Efficiency

In Asia Pacific, the Philippines embarks on key plans and projects to leverage the benefits of ICT in a developmental lens for the betterment of public service through deploying cost efficient broadband networks for online services that are **affordable, available and accessible**.

Integrated Government Philippines

GOVERNMENT WEB HOSTING SERVICE (GWHS)

Government websites are “housed under one roof”

PHILIPPINE EGOVERNMENT INTEROPERABILITY FRAMEWORK (PEGIF)

Enables data and information exchange and reuse among government agencies, allowing an e-government that operates seamlessly and effectively

iGov Philippines

PLATFORMS

NATIONAL GOVERNMENT PORTAL (NGP)

A single winder containing all online information and operational infrastructures, and public services of the government

PHILIPPINE GOVERNMENT COMMON PLATFORM (PGCP)

Promotes interoperability and simplifies business processes in government by establishing an information infrastructure

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National Government Portal

A **one-stop shop of online services**
for citizen, business and inter-government interaction

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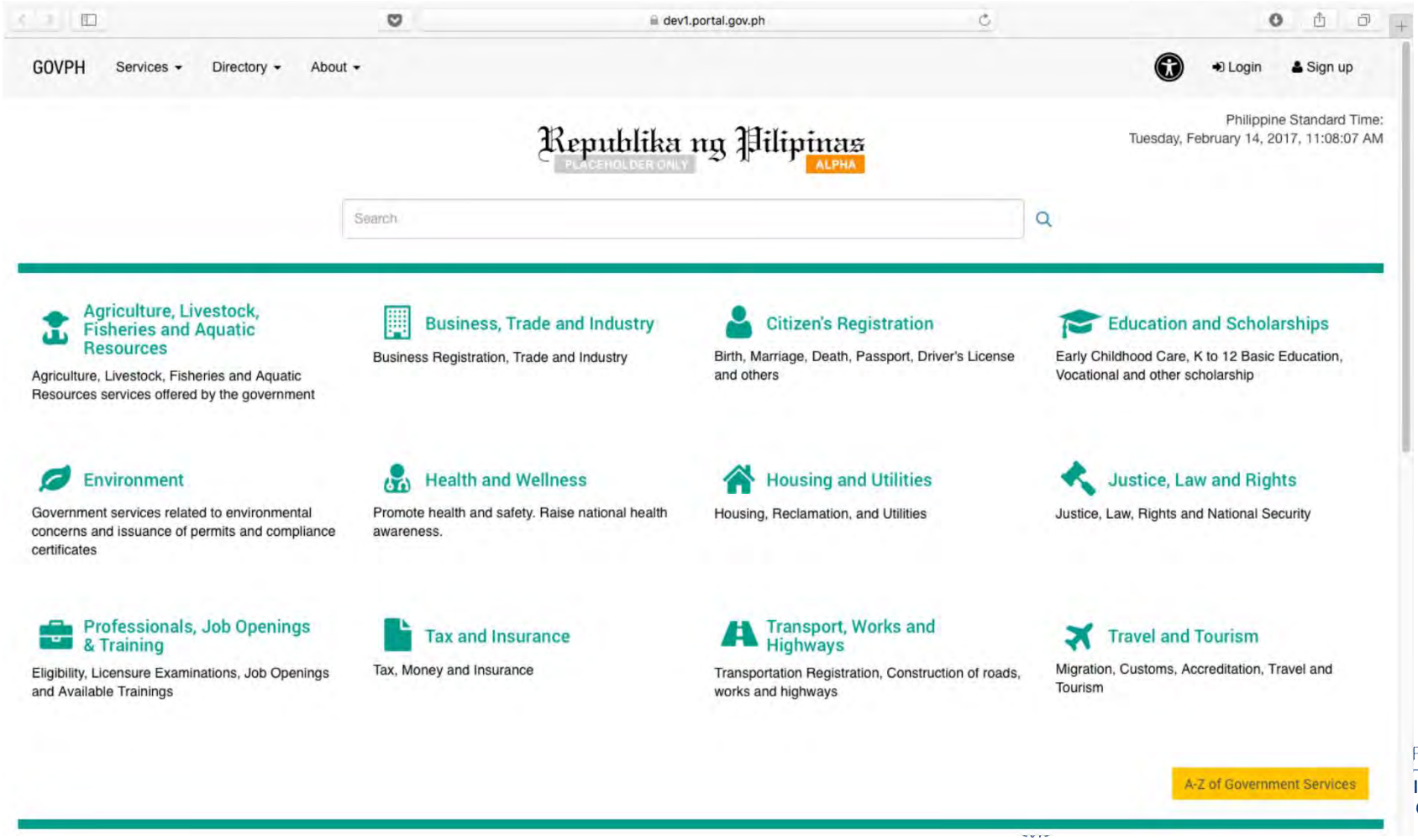
National Government Portal



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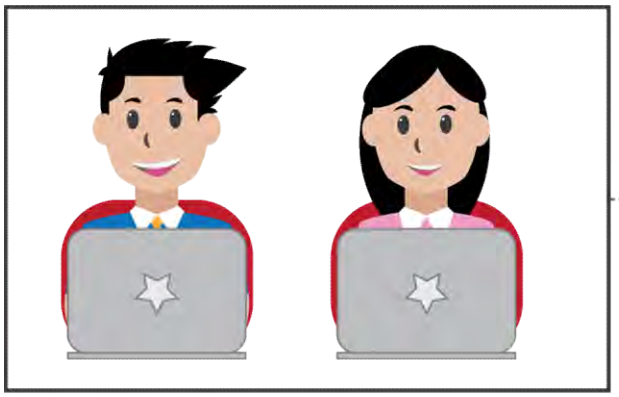
National Government Portal

STRUCTURE OF NGP



SERVICES

INFORMATION/ DATA

PETITION/ FEEDBACK

END USER
- Citizen
- Visitor
- Government
- Business

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National Government Portal

PRIORITIZATION OF E-SERVICES (TOP 10)

G2C CITIZENS E-SERVICES				
1 BASICS	2 VOTING SERVICES	3 TAXATION SERVICES	4 EDUCATION & SCHOLARSHIP	5 CIVIL SERVICE, JOB OPENINGS & TRAININGS
Birth-to-Death Certificates	Voter Registration	Community Tax Certificate (SEDULA)	e-TESDA	Civil Service Examination & Results
Gov ID Application	Overseas Voting Registration	Tax Identification Number (TIN)	Available Scholarships	Eligibility Services
Registry & Memberships	Precinct Finder	BIR Tax Forms & e-Filing System	Research Grants	Government Job Opening List
Clearances			Services for Schools & Universities	Government Trainings

National Government Portal

G2B BUSINESSES E-SERVICE		G2C CITIZENS E-SERVICES		
6 BUSINESS REGISTRATION	7 INVESTING	8 OFW SERVICES	9 HOUSING	10 CITIZENSHIP & MIGRATION
Business Name Registration	Foreign Investing Services	POE e-Registration	House & Land Use Regulatory Board Forms	Immigrant Visa Application
				Dual Citizenship
Sole Proprietorship Registration	Public-Private Partnership Opportunities	Landbased Workers/Seaferers' Application	Buyers & Developers	Naturalization
				TRAVEL & TOURISM
Partnership/Corporation Registration	Philippine Online Stock Information & Trading	Operation Seminars	Registration of Real Estate Brokers & Sellers	Tourism Information Portal
				Travel Clearance
Trademark Registration	MSME Loaning & Financial Assistance	Recruitment Agency License	Housing Programs	Non-Immigrant Visa Application

eGovernment Masterplan 2017-2022

ONE DIGITIZED GOVERNMENT

Deliver services through an integrated and interoperable government ICT network and systems nationwide

Aims to improve the organizational, inter-governmental coordination, personnel and capability issues to use **ICT for more efficient operations and public service delivery**

Promotes **open governance** through **digital transformation of processes** involved in delivering secured services public health, basic education, and programs to achieve overall welfare, to and for the Filipinos

Identifying each user requirements to be able to come-up with **industry supported** and effective plan.

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eGovernment Masterplan 2017-2022

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ICTs and Government Efficiency

Investing on **infostructure development and emerging technologies** is poised to equip different industry segments, commercial sectors and government agencies the roadmaps, strategies and plans pertinent to ensuring that ICT-Enabled Services are made available, affordable and ubiquitous for citizens to utilize.

Countryside Development

TECH4ED
enable • empower • transform

digitalPH

Enabling Digital Opportunities and Innovation for Filipinos

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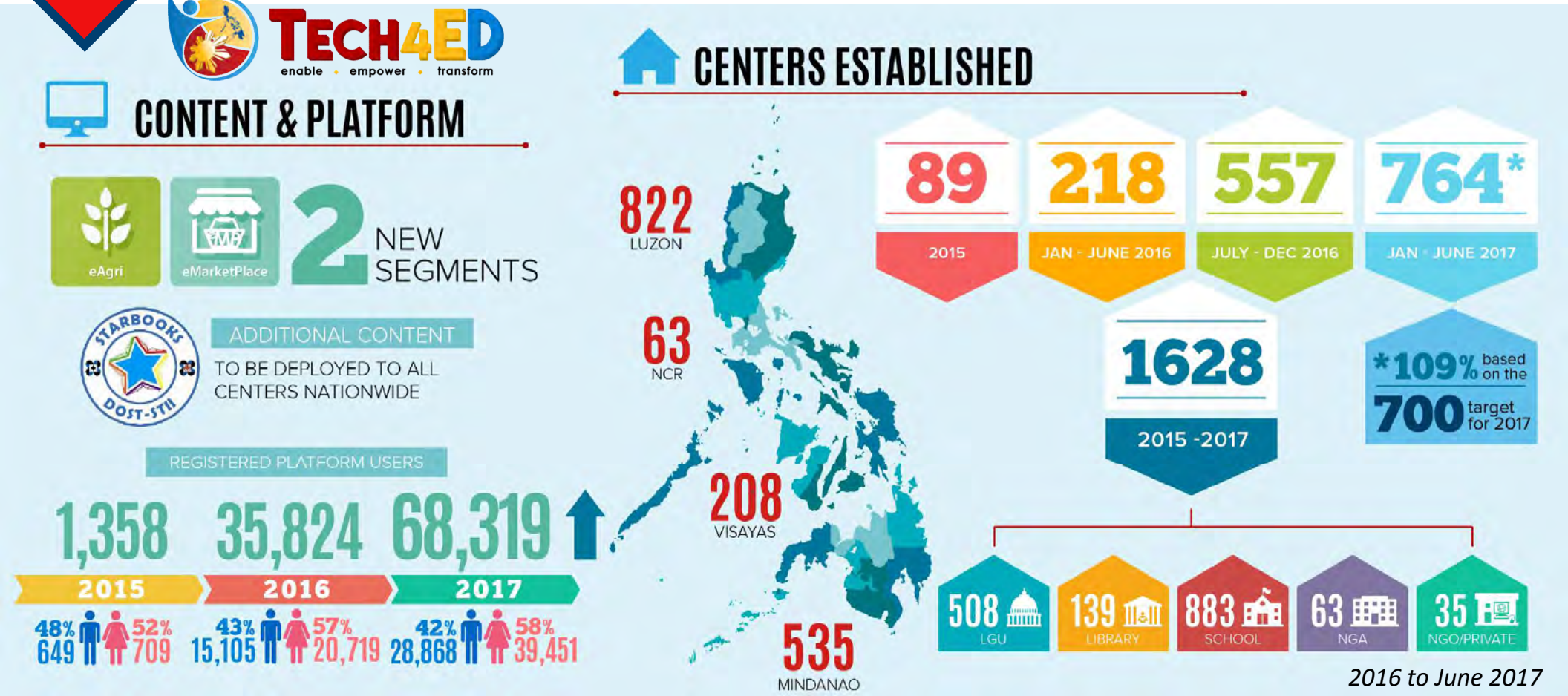
Countryside Development: Tech4ED Project



2016 to June 2017

Countryside Development: Tech4ED Project

Malvar Tech4ED Center, Batangas

President Roxas Tech4ED Center, Capiz

M'lang Tech4ED Center, North Cotabato

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Countryside Development: digitalPH Program

digitalPH

Enabling Digital Opportunities and Innovation for Filipinos

aims to promote digital opportunities in the countryside through the Information Technology – Business Process Management (IT-BPM) industry

FOUR INIVITATIVES:

- Next Wave Cities
- seedPH
- Stepping up the value chain
- Rural Impact Sourcing

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Countryside Development: digitalPH Program

Next Wave Cities™

This program focuses on the creation and development of ICT hubs that shall serve as IT-BPO investment destinations outside Metro Manila, thereby creating economic opportunities in the countryside.

Stepping Up the Value Chain

The program involves a sustained long-term development strategy to further develop the high-growth and high-value segments of the country's IT-BPM industry.

seedPH

The program aims to promote technopreneurship leveraging the use of ICT (through e-commerce and technology startup businesses), and to develop the startup ecosystem in the country.

Rural Impact Sourcing

This is intended to create meaningful ICT-enabled jobs in socio-economically disadvantaged areas in the country. The program specifically focuses on areas where there is high population but low employment due to lack of investors.

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ICTs and Government Efficiency

Safeguarding the cyberspace against real, emerging and persistent actors that threaten our very own critical infostructures is a priority, as the government spearheads the way into creating a **trusted, secured and safe virtual network** for every Filipino to thrive on.

National Cybersecurity Plan

DOJ-NBI/DILG-PNP

Investigate, attribute, disrupt and prosecute cybercrimes

Lead domestic national security operations

Conduct domestic collection, analysis and dissemination of cyber threat intelligence

Support the national protection, prevention, mitigation of, and recovery from cyber incidents

Coordinate cyber threat investigations

Prosecute Cybercrimes

DICT

Coordinate national protection, prevention and mitigation of, and recovery from cyber incidents disseminate domestic cyber threat and vulnerability analysis

Protect critical infrastructure

Secure government and civilian infostructure

Investigate cybercrimes under its jurisdiction

DND

Defend the country from cyber-attack

Gather foreign cyber threat intelligence and determine attribution

Secure national security and military systems support the national protection, prevention, mitigation of, and recovery from cyber incidents

Investigate cybercrimes under military jurisdiction. (CyberWarfare)

COORDINATE WITH PUBLIC, PRIVATE AND INTERNATIONAL PARTNERS

Global Cyberspace: PH Government Departments and Agencies

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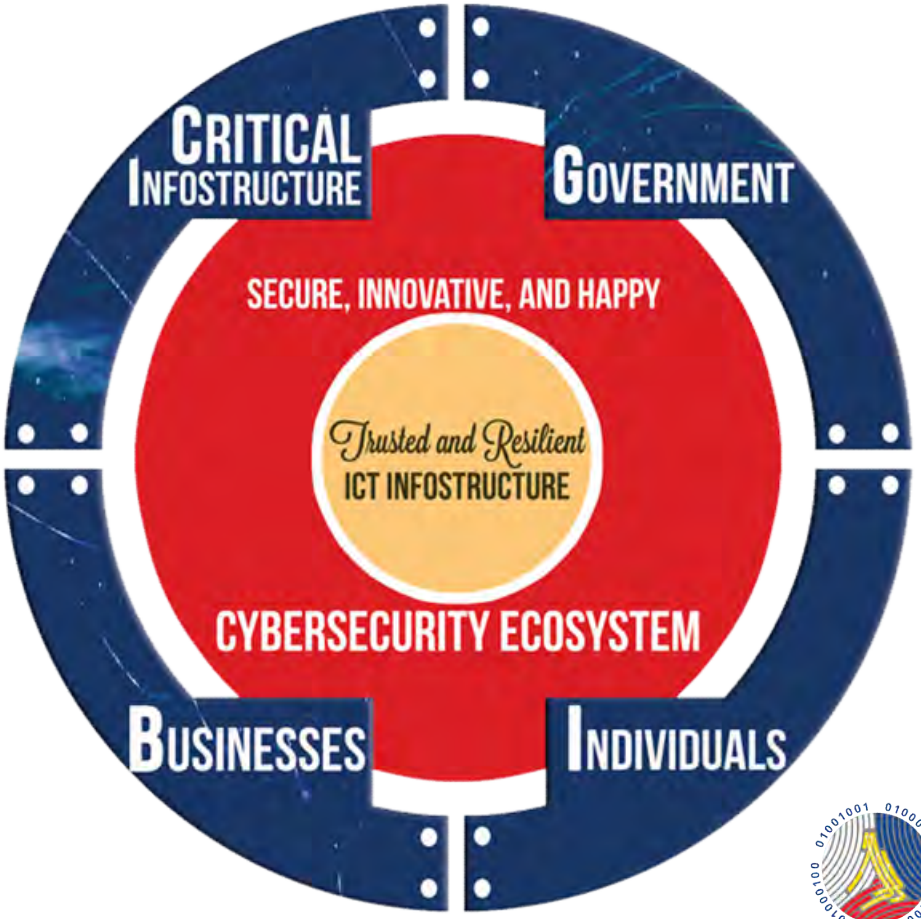
National Cybersecurity Plan

To systematically harden CII for Resiliency

To raise awareness of cyber risk and use of security measures among businesses to prevent and protect, respond and recover from attacks



To prepare and secure government Infostructure (Public and Military)

To raise awareness on cyber risks among users as they are the weakest links, they need to adopt the right norms in CyberSecurity

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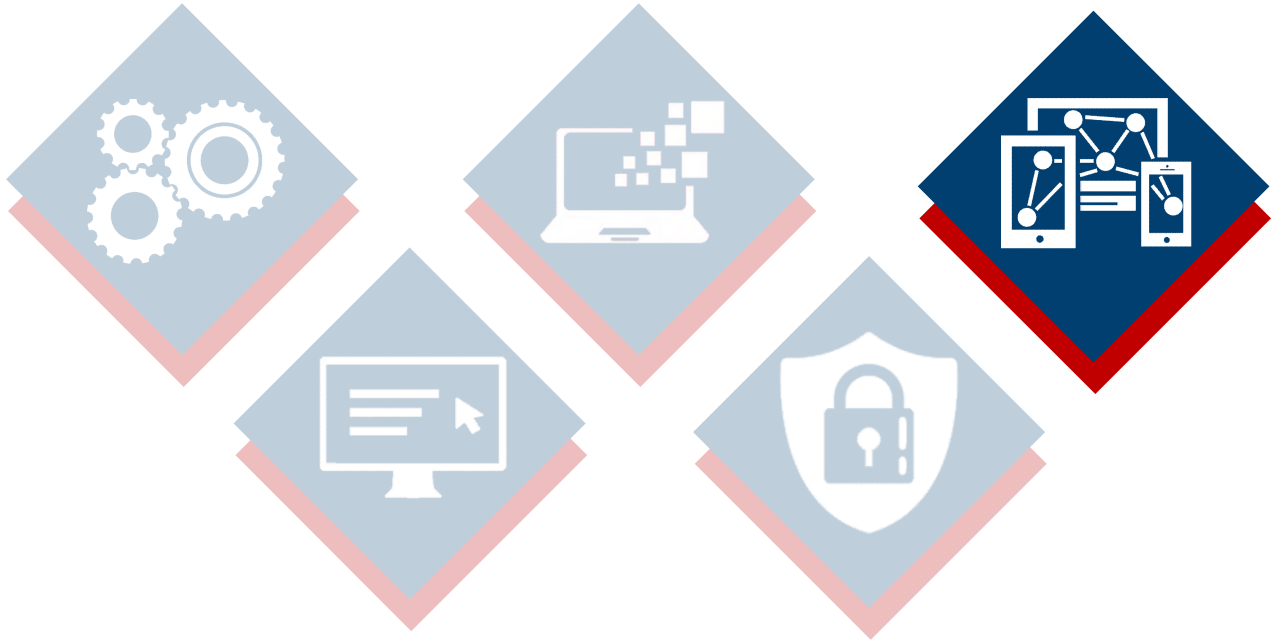

E-Government Initiatives

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ICTs and Government Efficiency

Raising stakeholders awareness, stimulating demand for better services and soliciting industry support while rallying behind our vision of establishing an **integrated, interoperable and interconnected infostructure** that complements the new information revolution and the digital economy.

ICTs and Government Efficiency

With the application of ICTs in enhancing the government's role in service delivery, public administration, and promotion of participatory democracy, **digital transformation** has paved the way for social progress.

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THANK YOU!

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