



# ACCELERATING DIGITAL TRANSFORMATION OF LOCAL GOVERNMENT

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# Foundation of Digital Transformation in the Philippines

The Philippines' 1987 Constitution states that “communications and information plays a vital role in nation building”

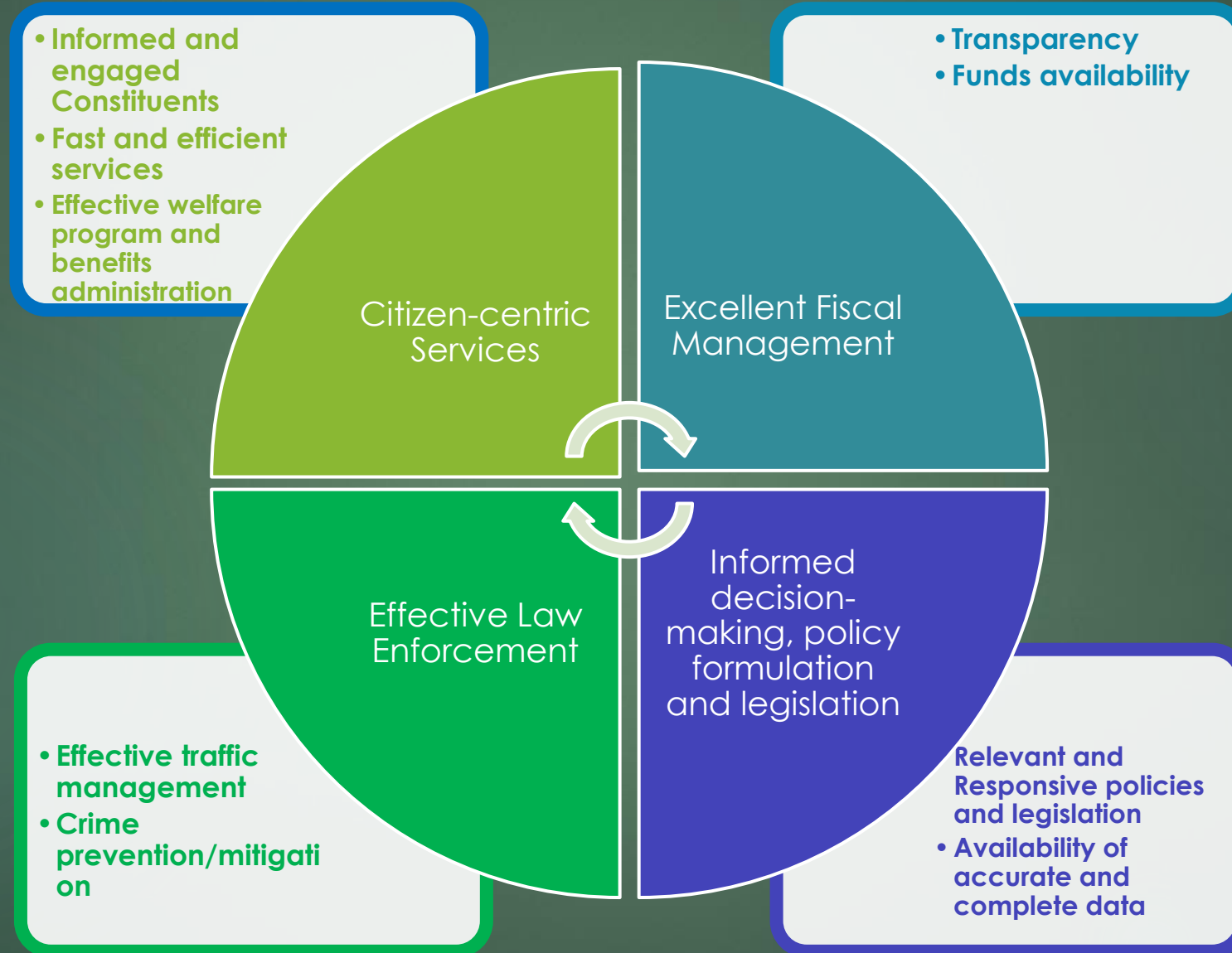
## ICT PLANS

- ❑ National IT Plan for the 21st Century (1997)
  - Information Technology and Electronic Commerce Council (ITECC)
- ❑ Government Information Systems Plan (2000)
- ❑ Philippine Strategic ICT Roadmap (2006-2011)
- ❑ Philippine Digital Strategy (PDS) (2011-2016)
- ❑ E-Government Masterplan (EGMP) 2013-2016
- ❑ National Cybersecurity Plan (2017)
- ❑ E-Government Masterplan (EGMP) 2022 (2019)

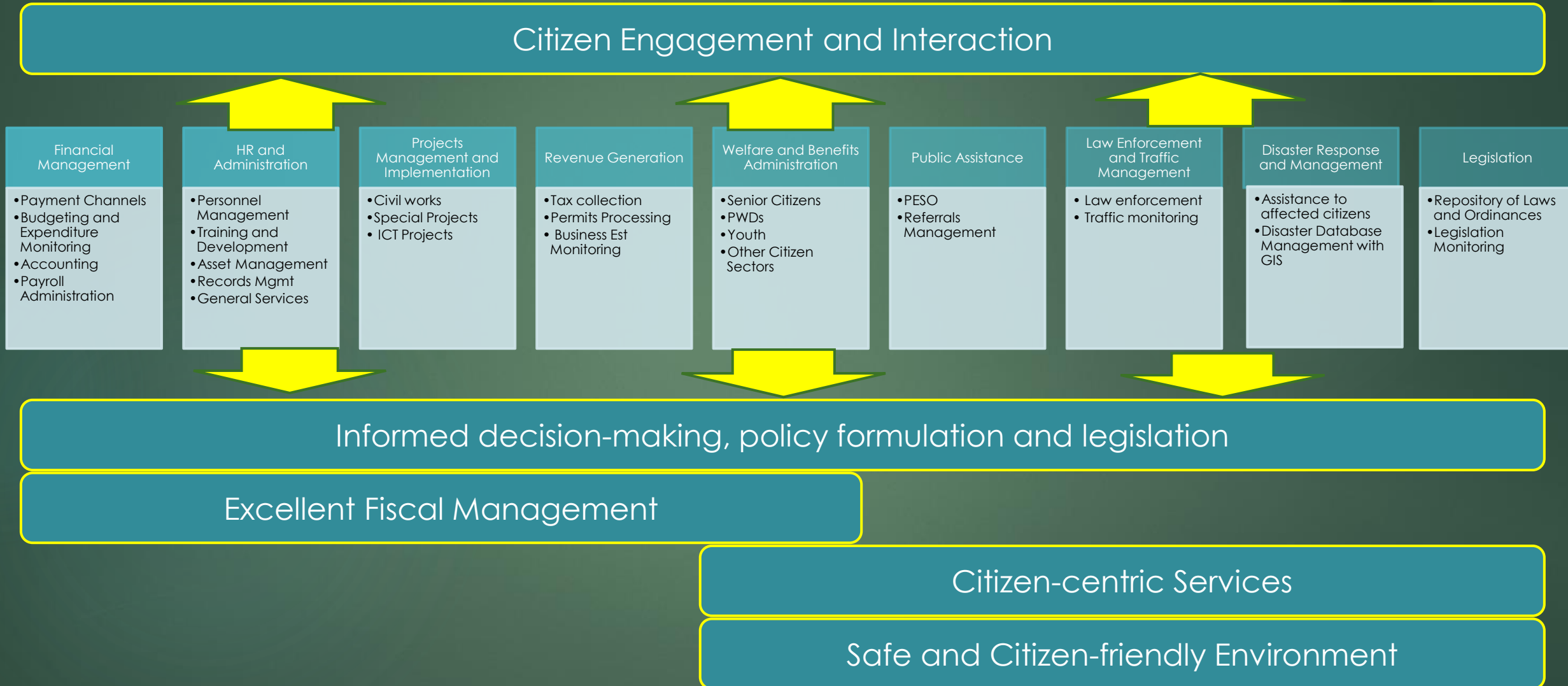
## LEGISLATIONS

- ❑ E-Commerce Act (1997)
- ❑ Data Privacy Act (2012)
  - National Privacy Commission
- ❑ Cybercrime Prevention Act
  - Cybercrime Investigation and Coordination Council
- ❑ DICT Act of 2015
- ❑ Ease of Doing Business Act of 2018
- ❑ Philippine Innovation Act and Innovation Start up Act of 2019
- ❑ Digital Assets Act of 2019

# LGU DIGITAL TRANSFORMATION FRAMEWORK



# eLGU Capability Framework Level 1



(This represents the functional structure of the LGU and is not meant to represent organizational structure. The defined functions are those that need to be supported by ICT to enable digital transformation.)

# eLGU Capability Framework Level 2

## LGU PORTAL

Financial Management	HR and Administration	Projects Management and Implementation	Revenue Generation	Welfare and Benefits Administration	Public Assistance	Law Enforcement and Traffic Management	Disaster Response and Management	Legislation
<ul style="list-style-type: none"> <li>•Payment Channels</li> <li>•Budgeting and Expenditure Monitoring</li> <li>•Accounting</li> <li>•Payroll Administration</li> </ul>	<ul style="list-style-type: none"> <li>•Personnel Management</li> <li>•Training and Development</li> <li>•Asset Management</li> <li>•Records Management</li> <li>•General Services</li> </ul>	<ul style="list-style-type: none"> <li>•Civil works</li> <li>•Special Projects</li> </ul>	<ul style="list-style-type: none"> <li>•Tax collection</li> <li>•Permits Processing</li> <li>•Business Est Monitoring</li> </ul>	<ul style="list-style-type: none"> <li>•Senior Citizens</li> <li>•PWDs</li> <li>•Youth</li> <li>•Other Citizen Sectors</li> </ul>	<ul style="list-style-type: none"> <li>•PESO</li> <li>•Referrals Management</li> </ul>	<ul style="list-style-type: none"> <li>• Law enforcement</li> <li>• Traffic monitoring</li> </ul>	<ul style="list-style-type: none"> <li>•Assistance to affected citizens</li> <li>•Disaster Database Management with GIS</li> </ul>	<ul style="list-style-type: none"> <li>•Repository of Laws and Ordinances</li> <li>•Legislation Monitoring</li> </ul>
<ul style="list-style-type: none"> <li>• Budgeting and Expenditure Monitoring System</li> <li>• Accounting System</li> <li>• Payroll System</li> </ul>	<ul style="list-style-type: none"> <li>• HRIS</li> <li>• Asset Mgmt System</li> <li>• Application for Gen Services such as Vehicle Maint System</li> <li>• Records Mgmt System</li> </ul>	<ul style="list-style-type: none"> <li>• Project Mgmt IS</li> <li>• Dashboard for Projects reflecting financial and physical status</li> </ul>	<ul style="list-style-type: none"> <li>• RPT IS</li> <li>• BPLS</li> <li>• Online Payment Facility</li> <li>• Mobile applications for transaction processing</li> <li>• Monitoring System</li> </ul>	<ul style="list-style-type: none"> <li>• Citizen Registry</li> <li>• Survey results Analytics</li> <li>• Benefits Administration IS</li> </ul>	<ul style="list-style-type: none"> <li>• Job Matching System</li> <li>• Referrals Management System</li> <li>• Mobile applications for specific sector assistance requests</li> </ul>	<ul style="list-style-type: none"> <li>• Police Precincts IS</li> <li>• Traffic Control Center</li> </ul>	<ul style="list-style-type: none"> <li>• Disaster IS</li> <li>• Dashboard for Disaster Response</li> </ul>	<ul style="list-style-type: none"> <li>• Laws and Ordinances IS</li> <li>• Legislation Monitoring IS</li> </ul>

The LGU Capability Level 2 Framework links capabilities to the applications that will support the achievement of the desired attributes or outcomes

# Major Strategies and Initiatives in Accelerating Digital Transformation at Local Level

- ❑ The DICT has a Bureau whose main objective is to develop ICT in the countryside
  - Organizes fora together with the Dept of Trade and Industry to link up start up ICT companies with investors
  - Supports and cooperates with the local ICT Councils to promote ICT related businesses, activities and capacity building
  - Promotes ICT innovations in LGUs through an annual Awards Program for LGU ICT Projects
- ❑ The DICT provides for free an Integrated Business Permits and Licensing System (eBPLS) to 3rd, 4<sup>th</sup> and 5<sup>th</sup> class municipalities (EODB Law)
- ❑ Through the Central Business Portal of the DICT the eBPLS of LGUs are linked to the Phil Business DB to facilitate evaluation and approvals of business permits

# Major Strategies and Initiatives in Accelerating Digital Transformation at Local Level

- ❑ Establishment of Technology Hubs for ICT training and use of local businesses
- ❑ Provision of a common platform for Website development and establishing design standards to facilitate consolidation of data from the ground up while ensuring that websites are accessible even to Persons with Disabilities (PWDs) (through the Website Audit Program of DICT)
- ❑ Provision of ICT Training Programs for LGU Officials and staff
- ❑ Provision of internet service in areas that are not serviced by commercial Telcos through the National Broadband Program and the Free WIFI Program of DICT



# CHALLENGES

## LGU PORTAL

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# CHALLENGES

- ❑ Availability of internet service connection
- ❑ Availability of ICT experts – ICT practitioners seek employment in the private sector because of better pay
- ❑ Availability of good ICT training programs in the countryside
- ❑ Priorities of LGU Officials and the political will to implement reforms that will be brought about through ICT interventions

# IMPACT OF COVID 19 TO DIGITAL TRANSFORMATION

- ❑ COVID 19 pandemic served as the catalyst to hasten implementation of ICT in the local government units. The necessity to follow the health protocols and the extensive lockdowns forced them to avail and use ICTs in various aspects of governance and day to day operations
- ❑ The very high usage of social media by Filipinos even in non-urban areas helped LGUs in using ICT (through their websites and portals) for citizen surveys, reporting and feedback as well as promoting LGU COVID 19 related announcements policies and protocols
- ❑ ICT professionals and ICT companies have opportunities to develop applications for the needs of the constituents and LGUs. Most common of these is the Online Selling applications. Many LGUs used these applications to help their entrepreneur constituents to sell their products online with corresponding delivery services



**End of Presentation**

**THANK YOU!**