



## NATIONAL ICT ECOSYSTEM FRAMEWORK

### PROJECT PROFILE

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<b>Project Profile of</b>	Philippine Roadmap for 5G Technology

<b>Contact Details</b>	Dominador C. Garabiles dominador.garabiles@dict.gov.ph 920-0101 loc. 3102/2010
<b>Website (if any)</b>	None

<b>Lead Proponent</b>	Plans and Policy Development Division – National ICT Planning, Policy and Standards Bureau
<b>Partners (if any)</b>	None
<b>Beneficiaries</b>	policy makers, regulators, infostructure/infostructure developers and service providers, content developers, consumers, vertical industries (e.g. health, education, retail, etc.)

**Framework Elements Addressed** (Place an “X” mark for the key framework element impacted by this project. Only one element can be assigned a score of “3”. An “X” mark under “2” or “1” indicates that there is some impact on this element, but to a lesser degree.)

FRAMEWORK ELEMENTS	1	2	3
Human Capital: Talents and Skills	X		
Accessibility and Affordability of Devices		X	
Platforms, Apps, Content, and Data		X	
Infostructure/Infrastructure			X
Standards, Regulation, and Policies		X	

**Strategic Trends/Enablers** (Place an “X” mark beside the strategic trends/enablers below which have a major effect on this project; choose at least 1 and at most 5.)

<b>STRATEGIC ENABLERS</b>	
Fourth Industrial Revolution	X
Artificial Intelligence	
Big Data	
Cloud Computing	X
Internet of Things	X
Blockchain	
5G Networks	X
Smart Cities	X
Intelligent Transport	
Fintech	
Health Informatics	
Cyber Resilience	
Future Skills	
Capacity Building	

**Alignment with DICT Strategic Thrusts** (Place an “X” mark under “3” for strategic thrust most closely aligned with this project. Only one strategic thrust can be assigned a score of “3”. An “X” mark under “2” or “1” indicates that there is some alignment, but to a lesser degree.)

<b>STRATEGIC THRUST</b>	<b>1</b>	<b>2</b>	<b>3</b>
Participatory e-Governance	X		
Industry and Countryside Development		X	
Resource-Sharing and Capacity Building Through ICT	X		
Improved Public Links and Connectivity			X
ICT User Protection and Information Security	X		
Enabling and Sustainable ICT Environment		X	

<b>Accomplishments</b>	None
<b>Expected Outcomes</b>	Considering the advancements in technology and ongoing deployment of infostructures in the country, the government, through the Philippine Roadmap for 5G Technologies and Beyond, targets the to stimulate nationwide discussions on these technologies as well as to establish national ecosystem that will support the introduction of 5G Technologies and Beyond in the country. The development of the roadmap will pave way for the creation of markets (e.g. services, platforms, network, etc.) that will help ushering economic growth. Further, the said roadmap

	<p>will play a crucial role in creating new opportunities for the Filipinos by building their capacities in developing and using 5G and Beyond systems.</p> <p>The Philippine Roadmap for 5G Technologies and Beyond will be developed in 5- and 10- year horizon to ensure the responsiveness of such roadmap.</p>
<b>Timeframe</b>	January 2019 – December 2019
<b>Budget (Actual/Forecast)</b>	Projected Expense/Budget: 2,054,367.2