

Investing in Urban Infrastructure : Connectivity

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The Philippines

has an urbanization rate as of **2010** stands at **45.3%**, and this is seen to increase to **56%** by **2050**.

Population in urban areas is projected to reach **83 million** by **2030**. New infrastructures would be needed to house the new migrants.

An **urban environment** with a growing demand for efficiency and resources can be translated into **“Intelligent City”**

Source: Housing and Urban Development Council

Today, there are growing concerns on Safety and Traffic impeding productivity



Crime rates were highest in major urban areas

High traffic volume decreases productivity

These problems requires immediate attention & solutions

Some of the concerns of today's cities can be addressed by emerging ICT solutions



Home Automation



Telecommuting



Environment Air Temperature Monitoring



Utilities Metering



Safe City



Reduction of Crime



Agriculture



IT Parks

TELCOs plays a vital role for these solutions



Beyond water and electricity, connectivity is been recognized as fundamental to addressing many challenges of urbanization

“ Given that the Internet has become an indispensable tool for realizing a range of human rights, combating inequality, and accelerating development and human progress, ensuring universal access to the Internet should be a priority for all States.”

“Each State should thus develop a concrete and effective policy, in consultation with individuals from all sections of society, including the private sector and relevant Government ministries, to make the Internet widely available, accessible and affordable to all segments of population.”

- Excerpt from UN Human Rights Council Special Raporteur Report, 16 May 2011

Telcos historically have been investing anywhere from 25% to 30% of their revenues into network infrastructure to enable a digitally connected nation but what is needed is to integrate ICT connectivity as part of Urban Master Planning and new property developments from Day One.

Then beyond the plan, we all need to collectively address all roadblocks to executing these plans else these plans will soon become dreams of the pasts.