



An Overview: Smart City Mobility and Intelligent Transport Systems

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RATIONALE



Economic Growth



Urban Mobility



Intelligent Transport Systems



Smart Cities



Why do we need to solve it?

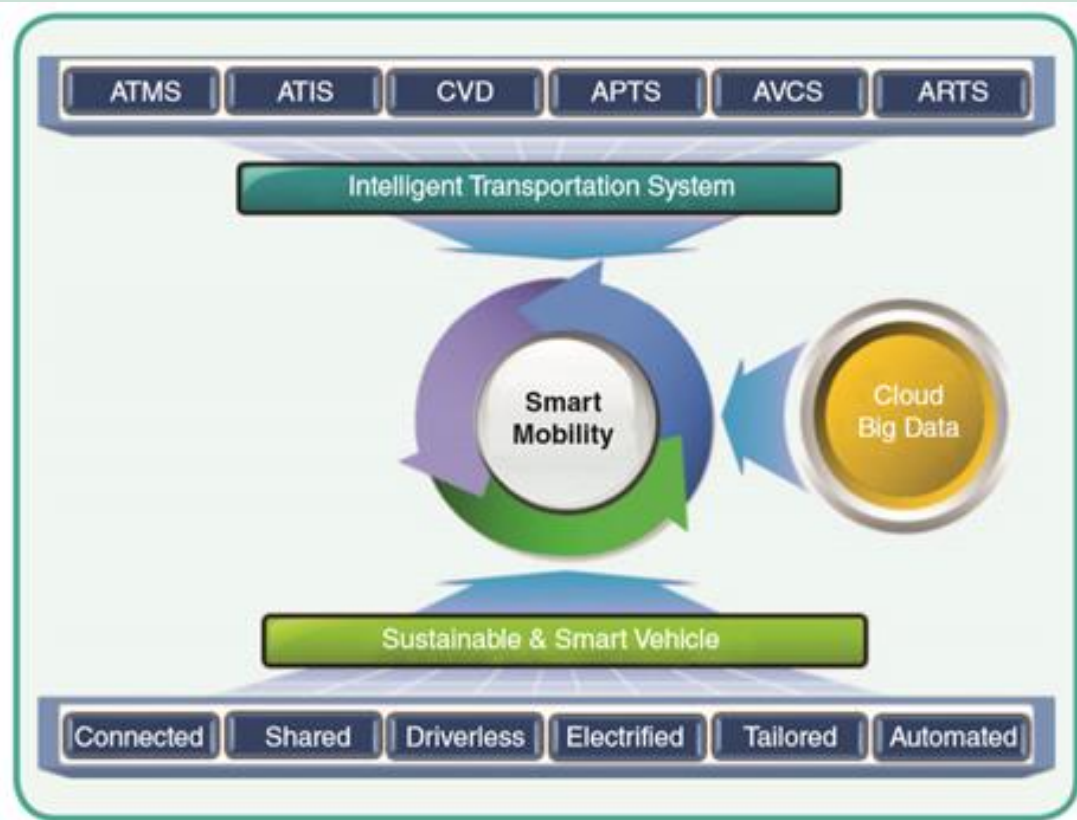
Php 1.26T
annual loss due to
traffic in the PHL



**Php 1.944
Trillion**

TODAY

Smart City Mobility Concept



SMART CITIES

Smart city describes an urban setting that apply technology to enhance the benefits and diminish the shortcomings of urbanization.

In IMD Global Smart City Index (SCI) 2018, Manila, Philippines was ranked 94th out of 102 cities.

ITS Projects of DOST and DLSU

APTS

PUBFIX

An Integrated and Optimal Scheduling of Public Transport Operations in Metro Manila

APTS

BIG DATA

MMTN-BDAA

Metro Manila Transportation Network: Big Data Analytics and Applications

APTS

OLAP

Optimal Locations and Allocation of Personnel (OLAP) at Checkpoints during the Coronavirus Lockdown and Manual Development for the Preparation of Future Pandemics in Metro Manila and other Regions

APTS

ATIS

ARTS



STARPLAN

BIG DATA

CLOUD

ATMS

BIG DATA

CLOUD



CATCH ALL

VISUAL ARTIFICIAL INTELLIGENCE

INNOVATE AND EXPERIENCE

FOR COMMERCIAL DEPLOYMENT








ISI Inc.

Intelligent Systems Innovation

United Nation's (UN) Sustainable Development Goals

In support of mapping DOST's research portfolio vis-a-vis the UN Sustainable Development Goals (SDGs) for better tracking of research impact, **the appropriate SDGs addressed by the research projects are:**

-  Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
-  Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
-  Goal 10: Reduce inequality within and among countries
-  Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable
-  Goal 13: Take urgent action to combat climate change and its impacts



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