The 2nd ASEAN-Japan Smart Cities Network High Level Meeting

TOWARD A SUSTAINABLE SMART CITY DEVELOPMENT IN VIETNAM

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Vietnam's Urbanization

Population in 2020: 97.3 million Total area: 331.212 km^2

Urbanization rate in 2020: 40%. Projected urbanization rate in 2030: 50%

Main Problems in Vietnam's Urbanization

1. Urban infrastructure to be overloaded (Transportation, Solid Waste, Wastewater)

3. Lack of affordable housing

2. Urban pollution

4. Disaster risk management (including disease prevention)

Key Urban Development Policies

1. Innovate urban planning system and land use policy

3. Increase accessibility to urban services and affordable housing

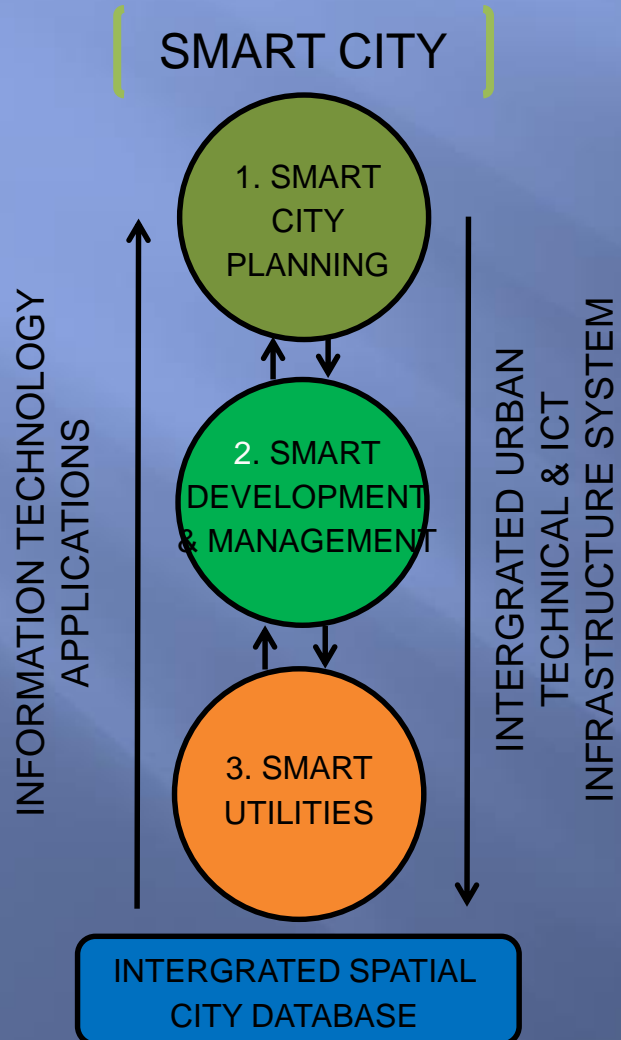2. Increase urban management capacity and legal effectiveness

4. Protect environ-ment and increase resilience to climate change

11 SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient and sustainable

THE GLOBAL GOALS
For Sustainable Development

Scheme for Sustainable Smart City Development in Vietnam period 2018-2025 and orientation to 2030

SMART CITY

1. SMART CITY PLANNING

2. SMART DEVELOPMENT & MANAGEMENT

3. SMART UTILITIES

INTERGRATED SPATIAL CITY DATABASE

INFORMATION TECHNOLOGY APPLICATIONS

INTERGRATED URBAN TECHNICAL & ICT INFRASTRUCTURE SYSTEM

Objectives:

Utilize information and communication technology (ICT) and other means to implement the key urban development policies by:

- promoting competitiveness, innovation, creativity, transparency;

- increasing effective management of municipal governments

- enhancing the quality of life in urban areas;

- stimulating socio-economic growth.

Smart City Development make a contribution to National Green Growth Strategy and Sustainable Development Goals of Vietnam.
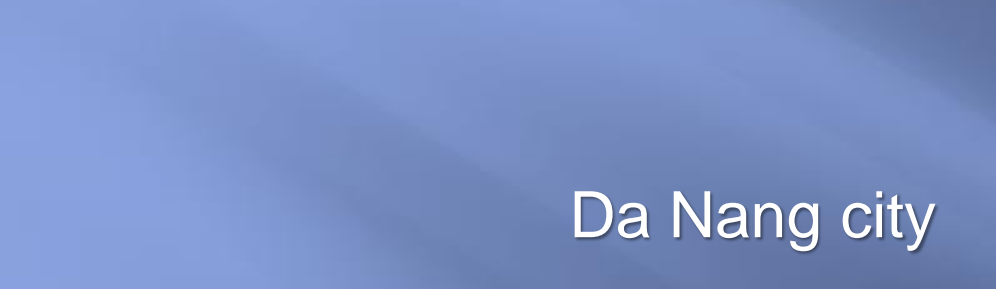
10 Group of tasks for Smart City

01. Reviewing and improving policies

02. Improving the system of standards and regulations

03. Establishing a database system

04. Appling smart technology in urban planning and management

05. Developing smart urban infrastructure

06. Developing smart utilities

07. Developing capacity for smart city

08. Increasing mobilization of resources

09. Promoting international cooperation and technology transfer

10 Raising awareness

Pioneer cities

Ha Noi

Da Nang city

Ho Chi Minh city

Hue city

Binh Duong city

Pioneer new urban areas

FPT city – Danang

BRG-Sumitomo smart city - Hanoi

Dragon smart city – Danang

Lotte eco-smart city – HCM

Vinhomes smart city - Hanoi

Thanh Do smart city – Can Tho

Sunshine diamond river city – HCM

Main Challenges for Smart City Development

1. Know – how, technology and human resources;

2. Legal frameworks including of standards, codes, investment model;

3. Pilot projects.

THANK YOU FOR ATTENTION

ありがとうございます