

AFEO Sustainable Cities working committee

1. Sustainable Development of Cities:

(a) Sustainability in Development of New Cities

- Q1. The government has set up 'National Smart City Committee' chaired by Deputy Prime Minister Sujin Juntong, with secretariats from Digital Economy Promotion Agency-DEPA, Ministry of Transport-MOT and Ministry of Energy-MOE.
- Q2. The government target to have smart city project in every province in 5 years.
- Q3. The government has established guidelines. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which were used as base government guidelines.
- Q4. Qualified smart city project will be promoted by the government and get Board of Investment-BOI privileges. Public Private Partnership-PPP is the preferred development option.

(b) Sustainability in Renewal & Expansion of Existing Cities

- Q1. The 'National Smart City Committee' support smart city projects in renewal & expansion of existing cities.
- Q2. In fact, most of smart cities project are renewal & expansion of existing cities.
- Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which were used as base government guidelines. The guidelines were used during TGBI-MOE smart city design competition program during 2016-2018.
- Q4. Qualified smart city project will be promoted by the government and get Board of Investment-BOI privileges. Public Private Partnership-PPP is the preferred development option.

(c) Sustainability in Development of New Township

- Q1. The 'National Smart City Committee' support smart city projects in new township, especially on Eastern Economic Corridor-EEC development and Transport Oriented Development-TOD.
- Q2. All new township development shall be smart city.
- Q3. The 'National Smart City Committee' has sub-committee to evaluate and qualify smart city project.
- Q4. Qualified smart city project will be promoted by the government and get Board of Investment-BOI privileges. Public Private Partnership-PPP is the preferred development option.

- 2. I believe that 'Sustainability' for all government organization has the goal toward better living of the people, aiming to support future growth of cities with health and well-being

environment. The sustainable cities working committee has been developing generic guidelines in the right direction and match with 'Smart City Thailand program'.

3. (a) Country level

- Q1. The 'National Smart City Committee'
- Q2. All new township development including Eastern Economic Corridor-EEC development and Transport Oriented Development-TOD shall be smart city.
- Q3. The government has established guidelines. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which were used as base government guidelines.
- Q4. Qualified smart city project will be promoted by the government and get Board of Investment-BOI privileges.

(b) Province level

The 'National Smart City Committee' is the single source of government agency promoting smart city. At provincial level, the proposal will go through the provincial governor.

(d) District level

The 'National Smart City Committee' is the single source of government agency promoting smart city. At district level, the proposal will go through the provincial governor.

(e) Town level

The 'National Smart City Committee' is the single source of government agency promoting smart city. At town level, the proposal will go through the provincial governor.

4. (a) Water

- Q1. The government has established guidelines for water management.
- Q2. The government established guidelines described how to manage water.
- Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include water management guidelines.
- Q4. No.

(b) Sewage

- Q1. The government has established guidelines for sewage management.
- Q2. The government established guidelines described how to manage sewage.
- Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include sewage management guidelines.
- Q4. No.

(c) Waste management

- Q1. The government has established guidelines for waste management.
- Q2. The government established guidelines described how to manage waste.

Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include waste management guidelines.

Q4. No.

(d) Power

Q1. The government has established guidelines for energy management.

Q2. The government established guidelines described how to manage energy.

Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include energy management guidelines.

Q4. No.

(f) IT system

g) Communication network

(h) Digital network

Q1. The government has established guidelines for IT/Communication/Digital infrastructure.

Q2. Smart city shall have advanced IT/Communication/Digital infrastructure.

Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include IT/Communication/Digital infrastructure.

Q4. No.

(i) Job creation

Q1. Job creation is a key element on Smart Economy/ Smart people.

Q2. Smart city shall create jobs, provide equal opportunities and promote new economy/ start up.

Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include Smart Economy/ Smart people.

Q4. No.

(j) Green Energy

Q1. Ministry of Energy-MOE is the key player on government organization that promotes renewable energy.

Q2. Smart city shall include renewable energy.

Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include renewable energy.

Q4. No.

5. (a) Building maintenance

Q1. Building maintenance is a key element on Smart Governance.

Q2. Smart city shall include Smart Governance.

Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include Smart Governance.

Q4. No.

(b) Waste management

- Q1. Waste management is a key element on Smart Environment.
- Q2. Smart city shall include Smart Environment.
- Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include Smart Environment.
- Q4. No.

(c) Infrastructure maintenance

- Q1. Infrastructure maintenance is a key element on Smart Governance.
- Q2. Smart city shall include Smart Governance.
- Q3. Thailand Green Building Institute-TGBI (founded by EIT) has established TGBI smart city guidelines which include Smart Governance.
- Q4. No.