

SUSTAINABLE CITIES WORKING GROUP

As discussed at the Sustainable Cities Working Group meeting during CAFEO 36 on the 12th November 2018, and upon the suggestion to develop a skeleton framework on sustainable cities, a rough outline has since been developed and prepared. This proposed framework/ format is meant for further discussion, deliberation, fine-tuning and eventually adoption by the Working Committee.

Should this proposed framework be accepted and adopted by the Committee, it will then be circulated to AFEO members for further feedback and input. All feedback and suggestions will then be collated and processed further in order to produce the first draft of Sustainable Cities framework.

THE DEVELOPMENT OF GUIDELINES & CONSIDERATIONS

To develop a single sustainable cities framework that is workable for multiple jurisdictions with diverse background, government structures, social & environmental priorities is a complex task.

In order to develop a sound framework / skeleton guidelines that is suitable and adoptable for the AFEO members, it requires careful consideration and deliberation on some of the key issues as below:

A) Government Organization Structures / Systems

B) Development Process

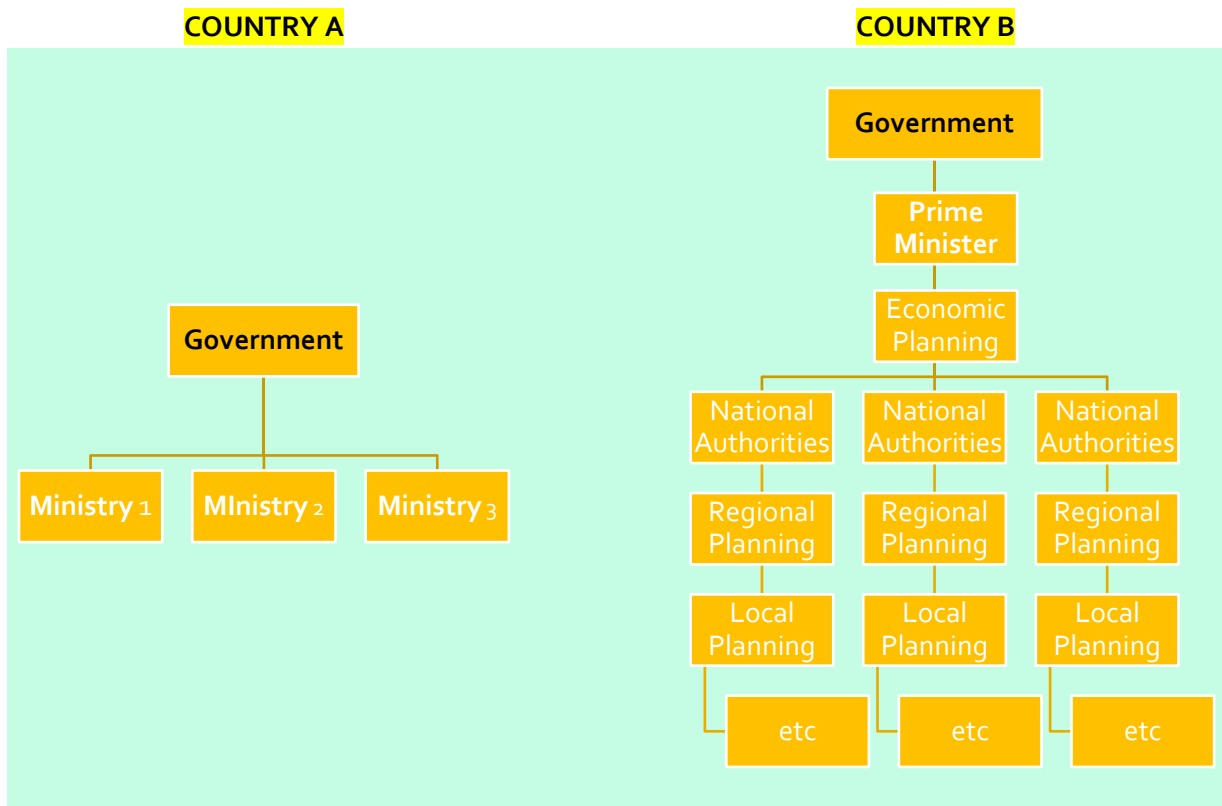
C) Methods in Project Implementation

D) Areas to be covered under Sustainable Cities Development

A) GOVERNMENT ORGANISATION STRUCTURES / SYSTEMS

No two cities are the same. Different Governments have different governmental structures, systems and layers of administration. Recognizing the differences, the guideline will have to be generic in nature in order for it to fit into the different governments' structures and systems.

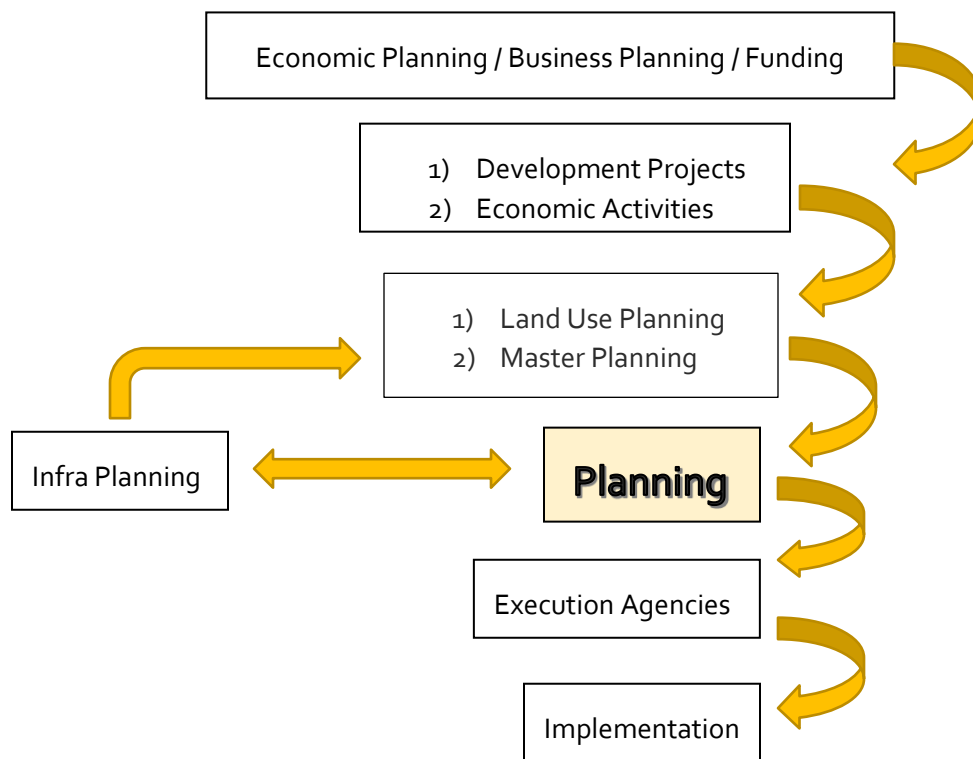
Possible Organizational Set Up in the Different Countries



B) DEVELOPMENT PROCESS

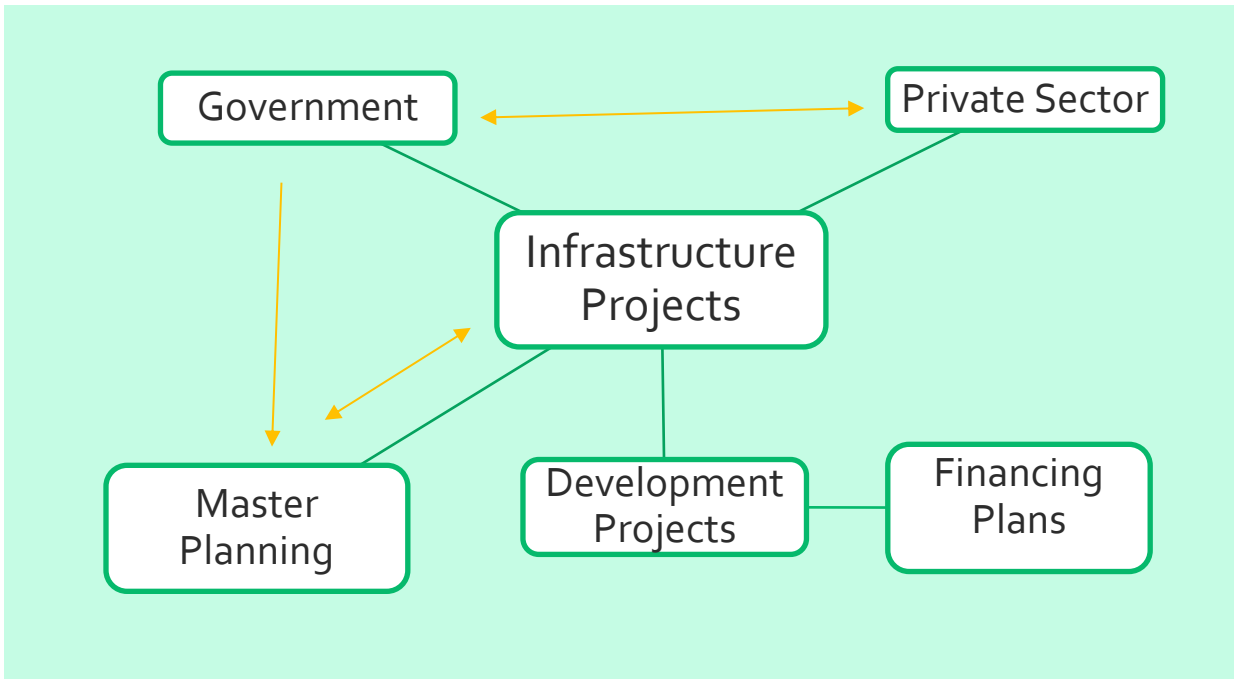
The development of a smart, sustainable city is a complex multidimensional process. The Sustainable development strategies is generally on five dimensions: economic sustainability, social sustainability, ecological sustainability, sustainable spatial development, and cultural continuity. The question is what are the approaches we adopt to achieve sustainable cities and what are the processes involved.

Suggested Development Process

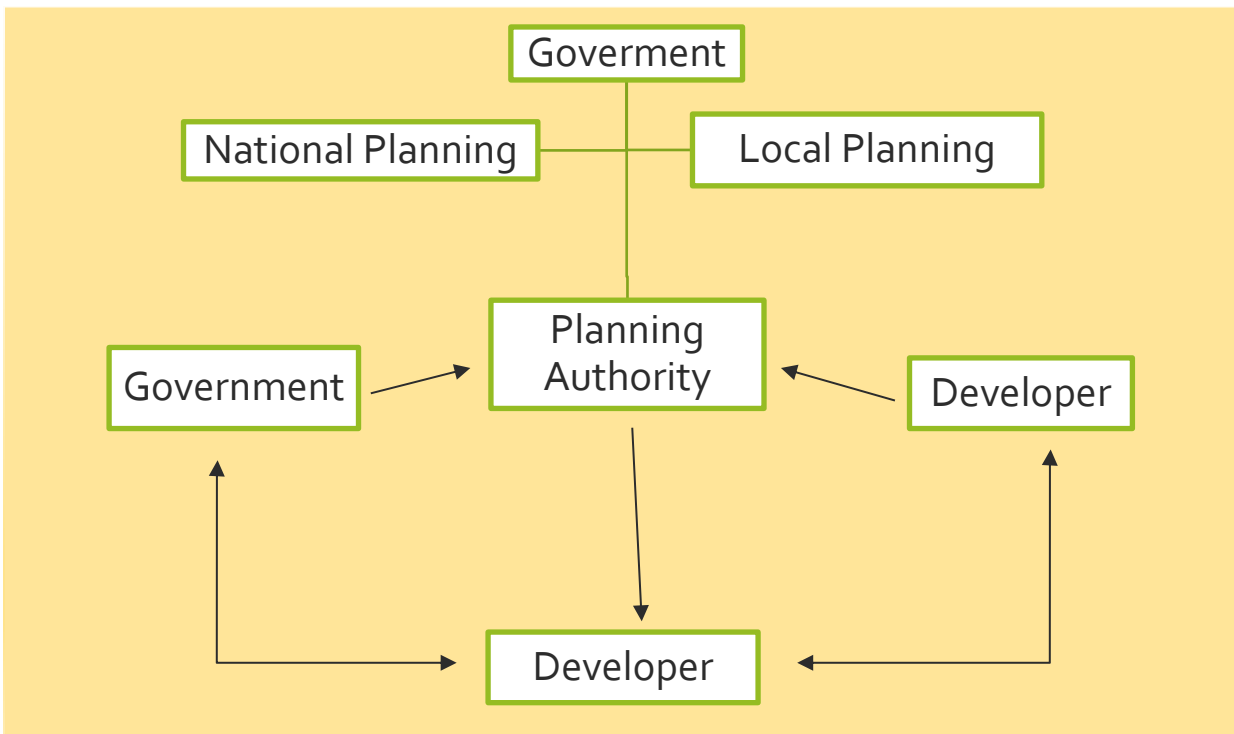


C) METHODS IN PROJECTS IMPLEMENTATION

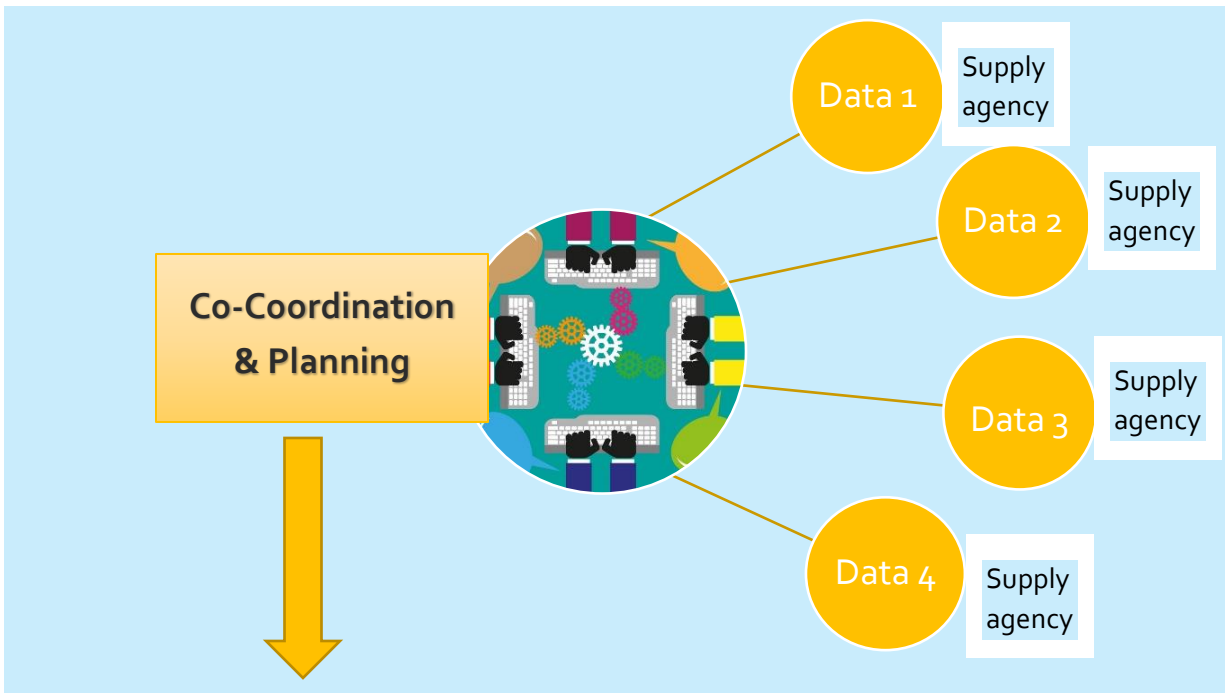
OPTION 1



OPTION 2



OPTION 3



- 1) Central Development Plan
- 2) Regional / Provisional / States Development Plan
- 3) Local Development Plan

D) AREAS TO CONSIDER UNDER SUSTAINABLE CITIES DEVELOPMENT

- Infrastructure
- Urban Planning Parameters

INFRASTRUCTURE

- 1) Transportation
- 2) Water
- 3) Power
- 4) Waste
- 5) Communication Network
- 6) Digital Network
- 7) Job Creation
- 8) Green Energy

URBAN PLANNING PARAMETERS

Land set aside for:

- a) Residential
- b) Commercial
- c) Business
- d) Industrial
- e) Institutions
- f) Roads
- g) Rails
- h) Drainage
- i) Utilities
- j) Plants
- k) Green Space
- l) Smart Features