

# SDG 11 and New Urban Agenda: Efficient cities driving the transition

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Arab Hoballah, Former UN SCP Chief arab.hoballah@gmail.com

The mega Trends Population Evolving Increasing growth lifestyles Consumption Wasteful Use & Products & Society Depletion of Consumerism Resources ICT & @

#### **CLIMATE**

## **CARBON MANAGEMENT**

**LAND** 

**WATER** 

**GHG** 

**MATERIALS** 

# DECOUPLING at City Level

**RESOURCES** 

LOW CARBON RESOURCE EFFICIENT CITIES

#### Cities: from problem to solution

- ➤ In around 2040-50:
  - ✓ ¾ population
  - ✓ ¾ resource use
  - ✓ ¾ CO2 emissions
  - ✓ ¾ waste
- ➤ Cities: hub for education/culture, innovation/investments, partnerships
- ➤ No solution without cities and at city level
- **▶** Drivers for Climate Mitigation and Resilience



## **Greening is costly?**



The economic argument for resource efficiency is weak.

- Poor quality of data on material flows from a life cycle perspective
- There is confusion over the roles and responsibilities
- Systems approach to resource efficiency is not common

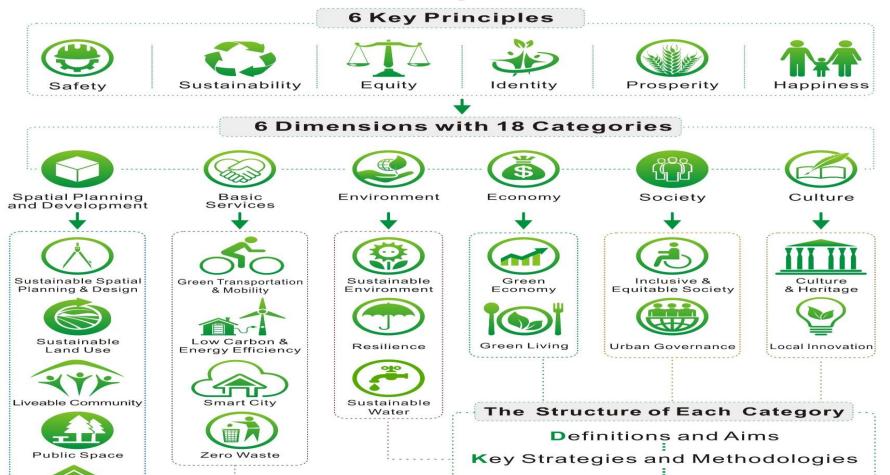
 In this context, the IGMC is a valuable and useful contribution to responding to these concerns







#### Diagram of the Structure of the International Green Model City Standards 3.0



Key Requirements and Indicators

Best Practices



#### **Delivering SDGS: Lifestyles, Food and Cities**







AND PRODUCTION

Improve Global
Efficiency in
Consumption and
Production

Decoupling Economic
Growth
from Environmental
Degradation





Ensuring Sustainable
Food Production Systems
and Protecting Terrestrial
and Marine Biodiversity



Reverse the negative impacts of cities with sustainable city-planning and education for sustainable lifestyles.











12.1

10YFP







13 CLIMATE ACTION

12.3 Food Waste

12.4 Chemicals and waste mmt

12.5 Waste reduction 11.6 Environmental **Impact** Waste Air Quality 11.5

11.7

Green space

Public space

Disasters

Transport systems Public transport Road safety 11.3 Inclusive sustainable

urbanisation

11.1

Housing

Basic services

11.2

11.4 Cultural Natural Heritage 12.8 Information, Education, Lifestyles

12.7

Public

Procurement





3 GOOD HEALTH AND WELL-BEING

















5 GENDER EQUALITY

**P**