



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

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# The mega Trends





**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:**
  - ✓  $\frac{3}{4}$  population
  - ✓  $\frac{3}{4}$  resource use
  - ✓  $\frac{3}{4}$  CO2 emissions
  - ✓  $\frac{3}{4}$  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

### 6 Key Principles



Safety



Sustainability



Equity



Identity



Prosperity



Happiness



### 6 Dimensions with 18 Categories



Spatial Planning and Development



Basic Services



Environment



Economy



Society



Culture



Sustainable Spatial Planning & Design



Sustainable Land Use



Liveable Community



Public Space



Green Buildings



Green Transportation & Mobility



Low Carbon & Energy Efficiency



Smart City



Zero Waste



Sustainable Environment



Resilience



Sustainable Water



Green Economy



Green Living



Inclusive & Equitable Society



Urban Governance



Culture & Heritage



Local Innovation

### The Structure of Each Category

Definitions and Aims

Key Strategies and Methodologies

Key Requirements and Indicators

Best Practices



# Delivering SDGs: Lifestyles, Food and Cities



References to  
Sustainable Lifestyles  
in the SDGs



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.

