



TOGETHER
for a sustainable future

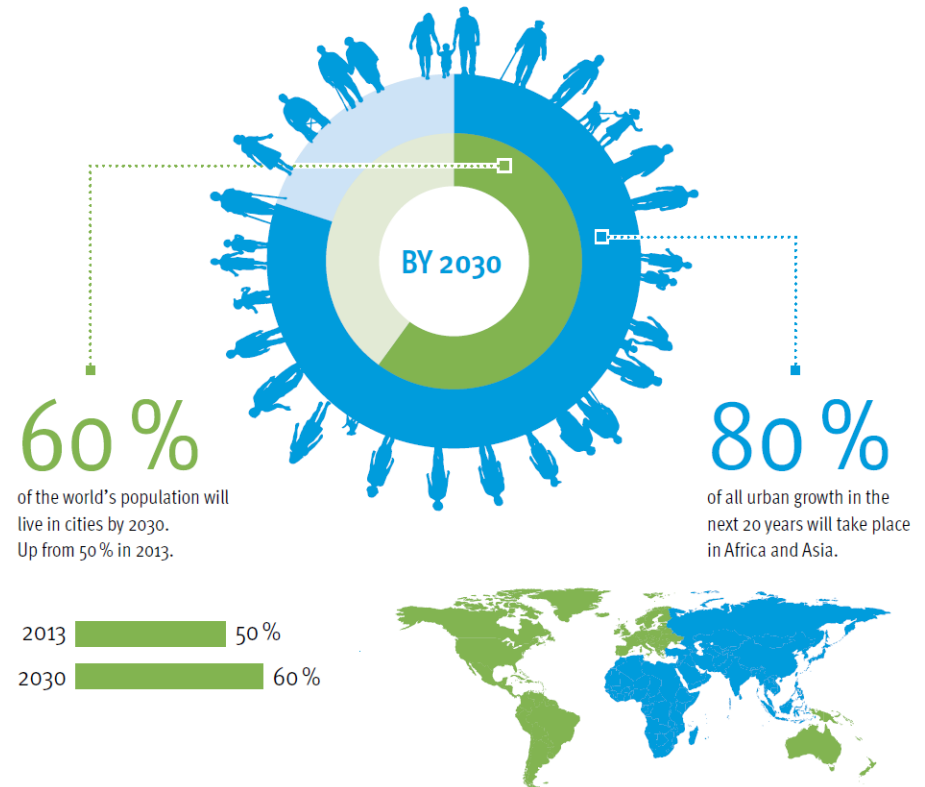
1966 - 2016

Sustainable Cities

Hubs of Innovation, Low Carbon Industrialization
and Climate Action

SUSTAINABLE CITIES:

- **Global megatrend:** Rapid urbanization
- **Challenges:** Half of the global population live in cities, expected to reach two-thirds by 2050
- **Opportunities:** Developing synergies, such as decoupling economic growth from environmental degradation, creating employment and fostering clean energy innovation
- **Benefits of industry in the cities:** Local economic development through job creation and income generation
- **Industry offers solutions to the cities:** Limiting the carbon intensity of growth



1. Table adapted from UN Habitat

UNIDO strategy for SUSTAINABLE CITIES:

- UNIDO promotes Inclusive and Sustainable Industrial Development (ISID) for urban sustainability
- UNIDO's work on sustainable cities also supports the SDGs and the 2030 Agenda: **SDG 7, SDG 9 and SDG 11**

UNIDO development interventions:



**DRIVING GREEN TECHNOLOGY
INNOVATIONS AT
CITY SCALE**



**ESTABLISHING CLIMATE
RESILIENCE IN URBAN PLANNING
AND MANAGEMENT**



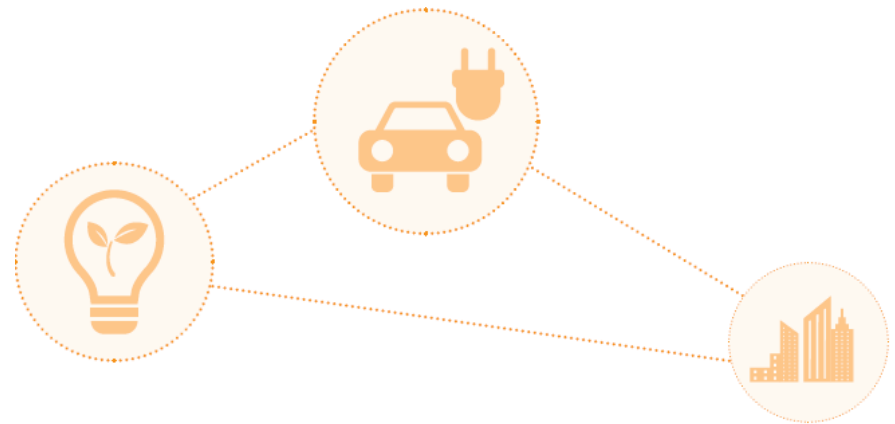
**PROMOTING URBAN
INCLUSIVENESS**



**INCREASING PARTNERSHIP
WITH DIVERSE ACTORS AND
DEVELOPING CITY NETWORKS**

SUSTAINABLE cities are SMART cities:

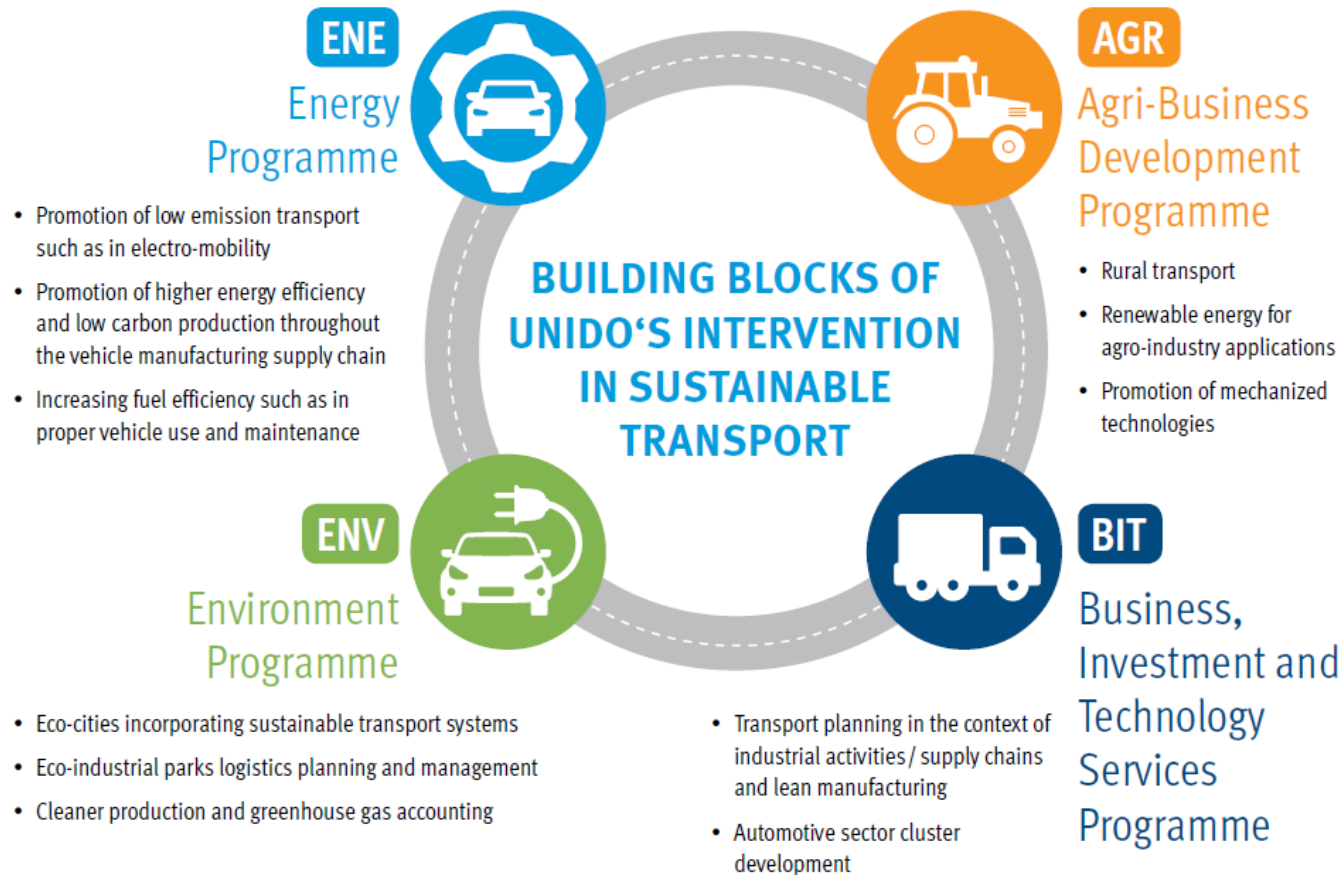
- UNIDO through its global forums and technical cooperation projects, takes a **lead role in fostering clean energy innovation** within the cities



- The creation of a renewable energy regime, loaded by buildings, partially stored in the form of hydrogen, distributed via smart intergrids, and connected to plug-in, **zero-emission transport**, opens the door to a **Third Industrial Revolution**.

Source: Rifkin J, "The third Industrial Revolution"

Transport within Sustainable Cities



Global Platform for Sustainable Cities

- **Global initiative** funded by the Global Environment Facility (GEF)
- **Expected to mobilize up to \$1.5 billion for urban sustainability programs in 11 developing countries**, including Brazil, Cote D'Ivoire, China, India, Malaysia, Mexico, Paraguay, Peru, Senegal, South Africa, and Vietnam
- Coordinated by the **World Bank** and supported by **multilateral development banks, UN organizations, think tanks and various city networks**
- UNIDO is providing technical assistance to selected cities in India, Malaysia, Senegal and Cote D'Ivoire



UNIDO Sustainable Cities case studies

Sustainable cities initiative for Senegal
(Cities: Diamniadio, Dakar and Saint Louis)

Sustainable Cities Integrated Approach Pilot in India (Cities: Vijayawada, Mysore, Guntur, Jaipur and Bhopal)

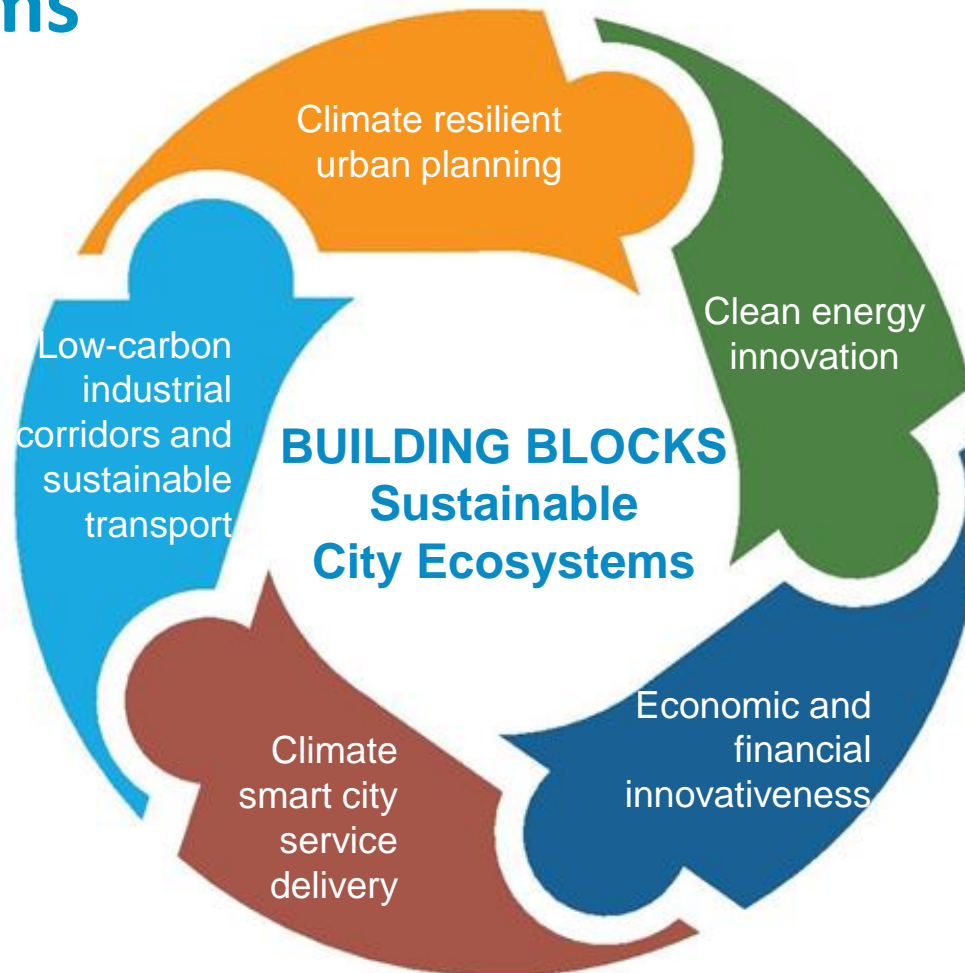
Abidjan Integrated Sustainable Urban Planning and Management in Cote d'Ivoire (City: Abidjan)

Integrated adoption of New Energy Vehicles in China (Cities: Yancheng and Shanghai)

Climate Change, Clean Energy and Urban Water in South Africa

Sustainable-city Development in Malaysia (City: Melaka)

UNIDO's way forward: Cities as Sustainable Ecosystems



Thank you for your attention!

Contact details:

Mr. Pradeep Monga

Director, Department of Energy and
Special Representative of the Director

General on Energy

E-mail: P.Monga@unido.org