



SMART CITY

SDGs, 4th Industrial
Revolution &
Sustainability



Empowered lives.
Resilient Nations.

KEY MEGA-TRENDS IN ASIA AND THE PACIFIC



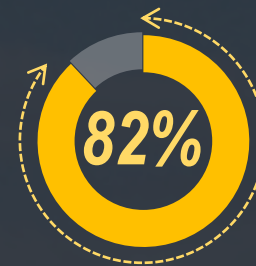


URBANIZATION TRENDS



Urban Population

As % of total population (2014)



Cities account for 82 percent of **global GDP** in 2014 and by 2025 this will rise to an estimated 88 percent



Cities use around 80 percent of the **world's energy**



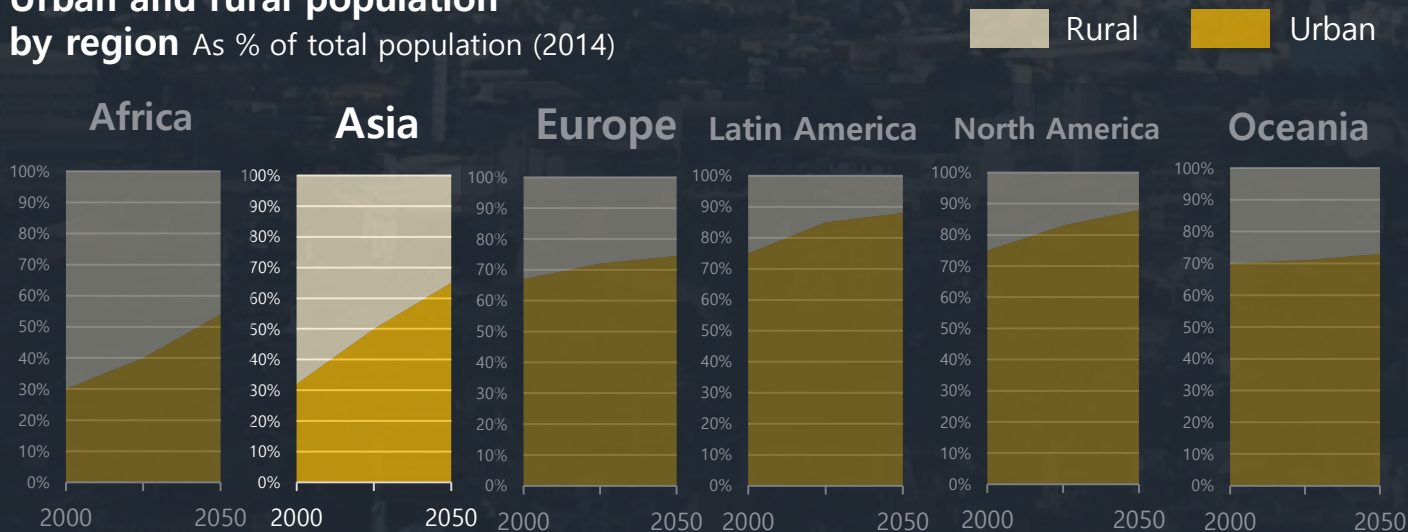
Cities produce more than 70 percent of the **world's greenhouse gas (GHG) emissions.**



Urban centers currently cover only 0.51 percent of the total land area

Urban and rural population

by region As % of total population (2014)



SUSTAINABLE DEVELOPMENT GOALS (SDGs)



Finance

Strengthen domestic resource mobilization and assist municipalities' access to finance



Technology

Access to science, technology and innovation and enhance knowledge-sharing on mutually agreed items



Systemic Issues



Encourage and promote effective public, public-private, and civil society partnerships

Mega Trend
Urbanization



Mega Trend

**4th Industrial
Revolution**

4IR – OPPORTUNITIES AND THREATS

Opportunities



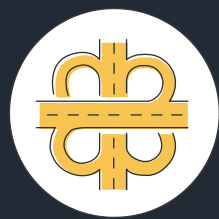
Clean Energy and Utilities

Renewable energy with advanced energy storage networks



Urban Health

Integrated waste management system, green spaces with improved air quality



Resilient Urban Systems

Smart emergency system, disaster-ready infrastructure and building and real-time adaptive urban management



Sustainable Transport & Logistics

Integrated and low-carbon transport systems, efficient logistics and supply chain monitoring

Threats

Opportunities



Jobs and Inequality

Automation without job creation

Cyber Security and Privacy

More data on city operations, service providers and business. Balancing security and privacy concerns will be critical in ensuring trust



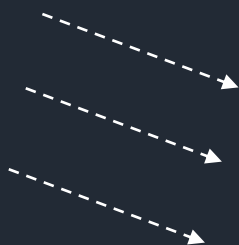
Threats



Increasing Migration

Efficiency and competitiveness gains from 4IR deployment may attract more people to cities for economic opportunities

Opportunities



Smart City


Sustainability

Goal 17.

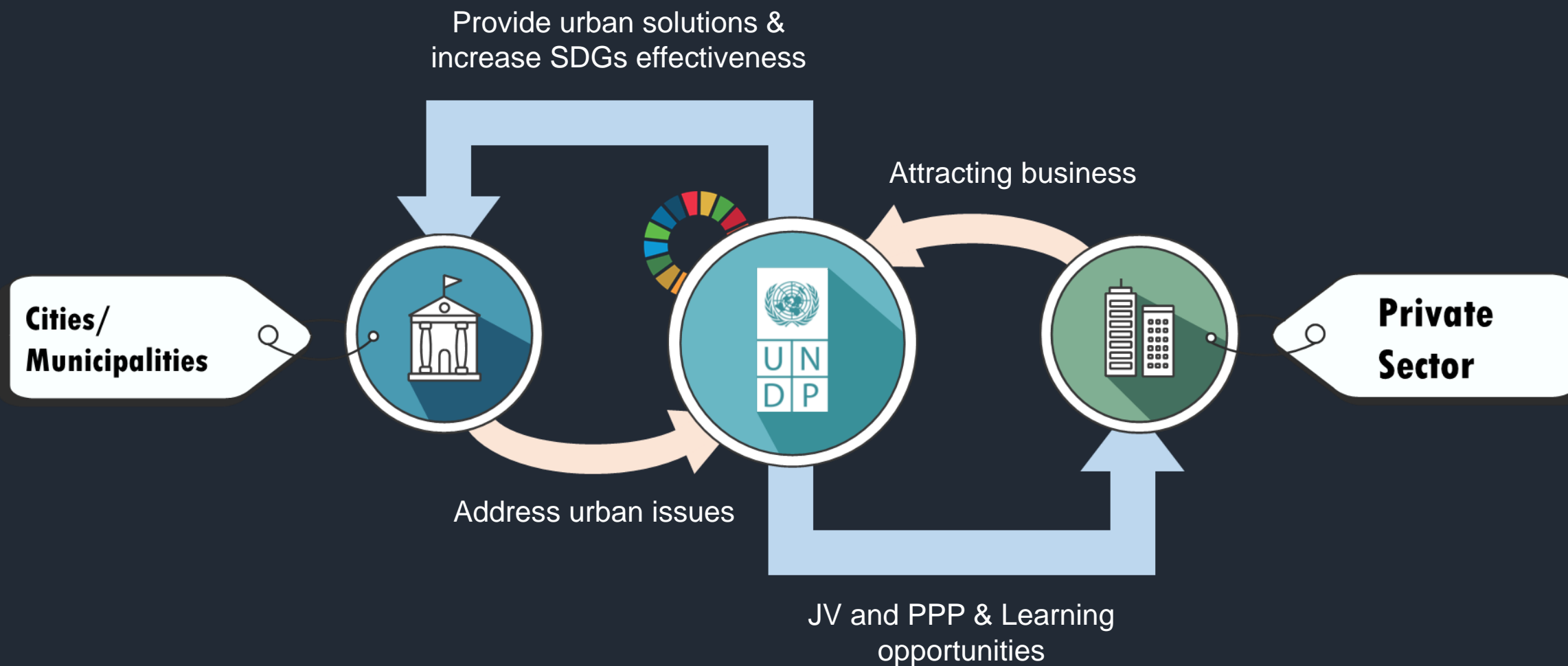


**Partnership
For the Goals**



Threats

MATCHING PLATFORM FOR CITIES AND PRIVATE SECTOR



ALIGN PRIORITIES, PROJECTS AND FINANCE

MCI

METROPOLITAN
CORPORATION
ISLAMABAD



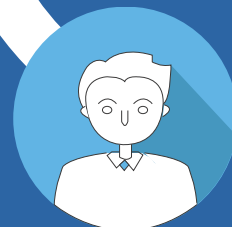
UN &
PARTNERS

UNDP, ADB,
WORLD BANK



LOCAL
EXPERTS

THINK TANKS
WATER INSTITUTES
SECTOR SPECIALISTS



 **Stanford**
University
d. 



STEP 1
**Analytical
work**

THINK PRACTICALLY ABOUT TECHNOLOGY

MCI

METROPOLITAN
CORPORATION
ISLAMABAD



UN &
PARTNERS

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LOCAL
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SECTOR SPECIALISTS



Connecting
Cities to Solutions



Web based platform

'Nudges'



SOLUTION
PROVIDERS

ENTREPRENEURS
COMPANIES
BUSINESSES



CELEBRATE EXPERIMENTATION



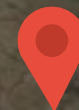
WATER CRISIS
IN ISLAMABAD



Connecting
Cities to Solutions

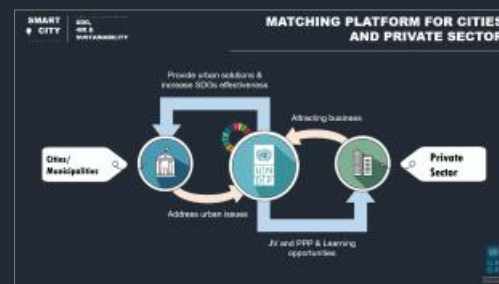
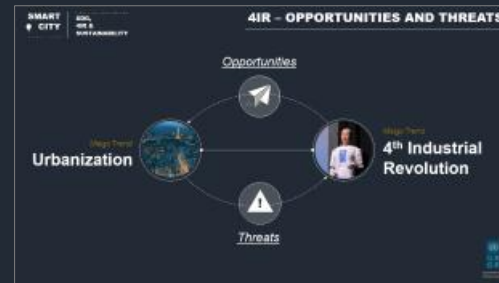


GRAND URBAN
CHALLENGES



SMART CITY

SDG, 4IR & SUSTAINABILITY



Thank you



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