

KEY PRINCIPLES OF AN INTEGRATED APPROACH TO SUSTAINABLE INFRASTRUCTURE

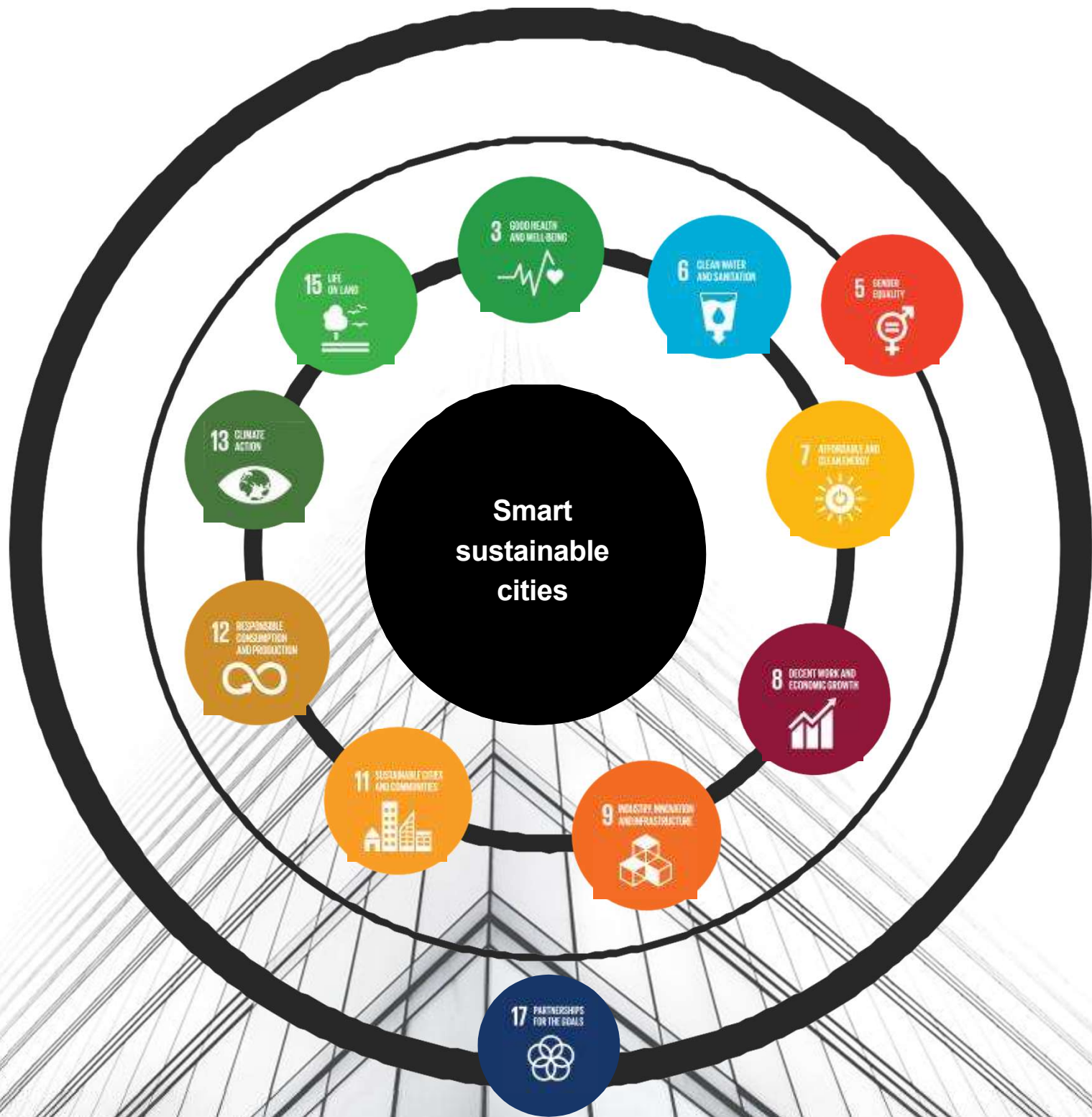
URBAN DEVELOPMENT, HOUSING AND LAND MANAGEMENT



*Gulnara Roll, Head
UNECE Housing and Land Management Unit*

Gulnara.Roll@un.org





REGIONAL FRAMEWORK: GENEVA UN CHARTER ON SUSTAINABLE HOUSING



Geneva UN Charter on Sustainable Housing is the expression of political will of **56 member States** to:

- ensure decent affordable housing and urban infrastructure to all;
- support cities and human settlements adopting and implementing smart sustainable city concepts;
- integrated policies and plans to support: inclusion, including socially mixed communities;
- resource efficiency; and resilience to climate change and disasters.



KEY DIRECTIONS TO SUPPORT THE IMPLEMENTATION OF UN COMMITMENTS AND ACHIEVING SDGS



UNECE



- **Strengthening governance for SDGs: stronger horizontal and vertical cooperation** among governments and all relevant stakeholders, the establishment of partnerships
- **Strengthening data driven and indicator-based review process to promote evidence based policies**
- Application of **innovative financial mechanisms** to support the implementation process.

GOVERNANCE FOR SUSTAINABLE DEVELOPMENT



UNECE

International level - an effective coordination and cooperation between different international regimes and to manage the potential tensions that may arise from their interactions and to turn these into synergies.

National and subnational level - inter-sectoral cooperation at country and local level and diverse partnerships.

Local level - stakeholder involvement through consultations to engage people and invite them to participate to the decision-making process



PROMOTING GOVERNANCE FOR SDGS AND DATA DRIVEN APPROACH



UNEP

National level

- Country profiles on Urban Development, Housing and Land Management
- UNDA 10th tranche project 'Guidelines to evidence-based policies for sustainable housing and urban development': collection and analysis and use of data and information for sustainable housing and urban development policies (frameworks, tools, methodologies).

Pilot countries – Albania, Georgia, Kyrgyzstan, Ukraine

City level

- KPIs for Smart Sustainable Cities
- Smart Sustainable City profiles:
(Armenia), Voznesensk (Ukraine)



Goris

UNECE/ITU KEY PERFORMANCE INDICATORS FOR SMART AND SUSTAINABLE CITIES



UNECE



Developed by a consortium of organizations (2015-2017)



International free standard



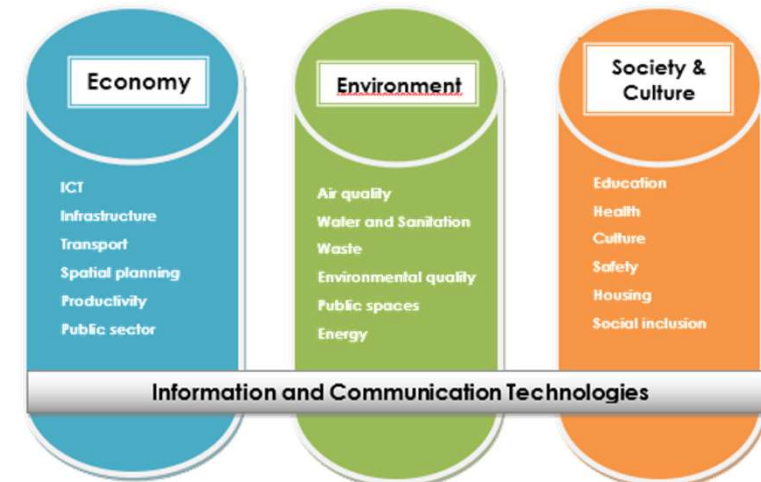
Uniqueness: address smartness & sustainability of a city



Support the localization of SDGs



50 cities around the world



Economy	Society & Culture	Environment
<ul style="list-style-type: none">• ICT• Infrastructure• Transport• Spatial planning• Productivity• Public sector	<ul style="list-style-type: none">• Education• Health• Culture• Safety• Housing• Social inclusion	<ul style="list-style-type: none">• Air quality• Water & Sanitation• Waste• Environmental quality• Public spaces• Energy

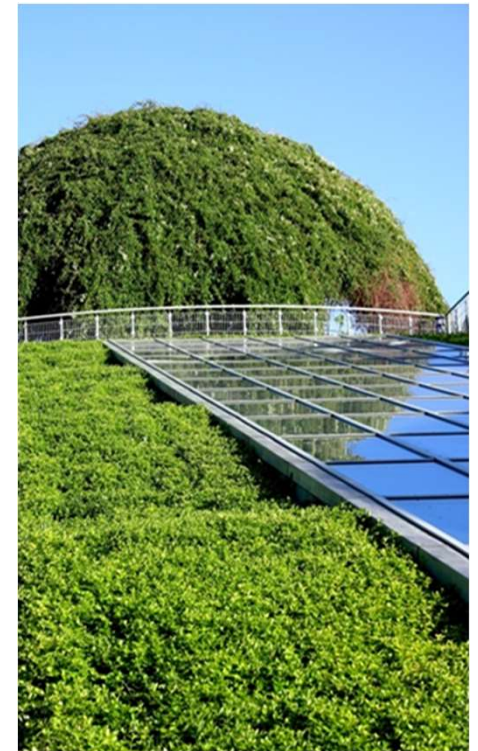
Information & Communication Technologies

INNOVATIVE FINANCIAL MECHANISMS

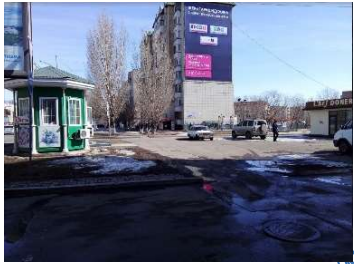


The innovative financial mechanisms approach consists of three main components:

- **integrated approach to urban development**
- **people-first public-private partnerships (PPPP) and**
- **good governance.**



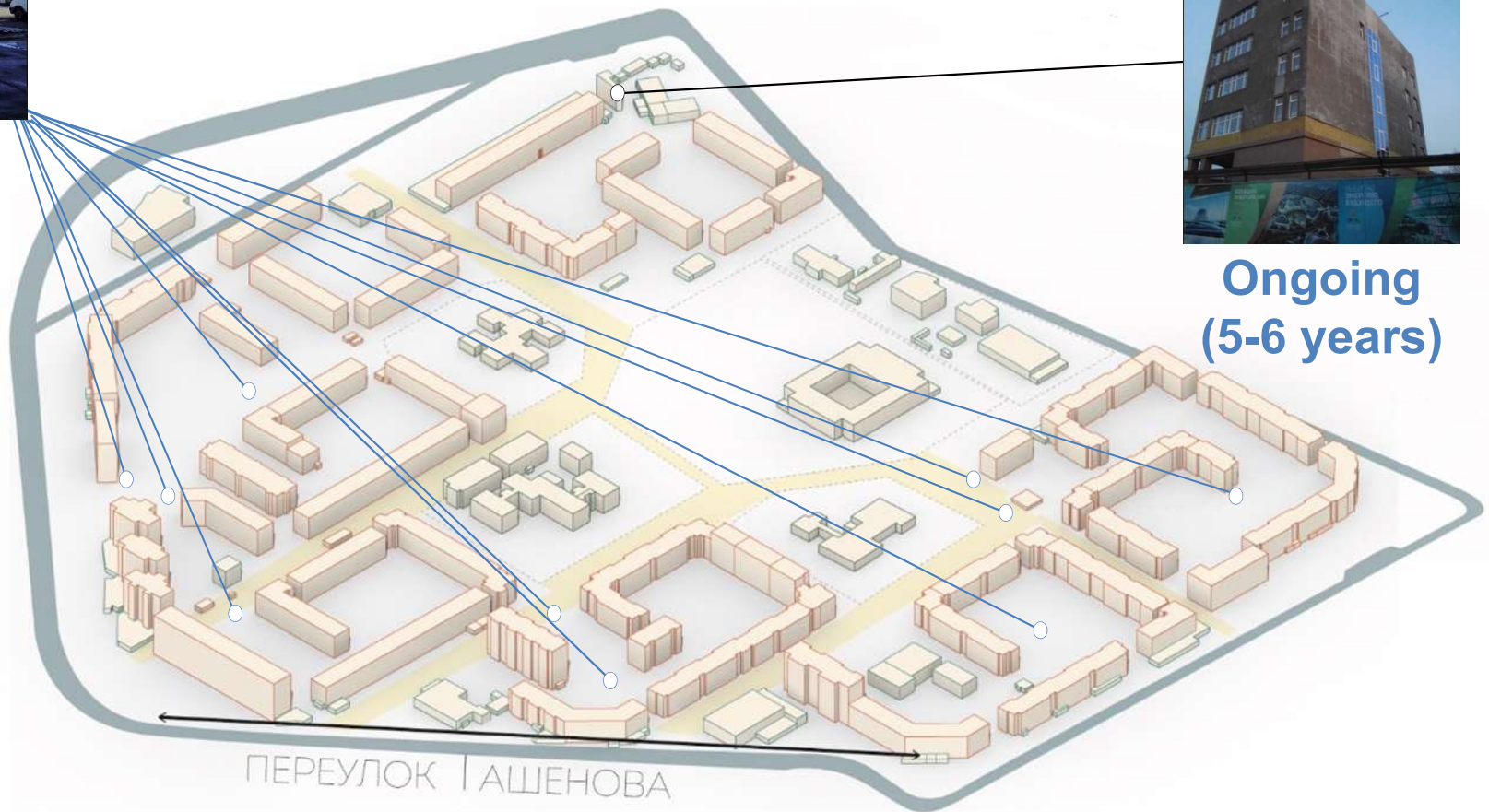
PILOT PROJECT “SMART DISTRICT ZHASTAR” ASTANA, KAZAKHSTAN



**Large areas
of non-used
territory**



**Ongoing
(5-6 years)**



ZHASTAR SMART SUSTAINABLE DISTRICT PILOT PROJECT ASTANA, KAZAKHSTAN - PARTNERS



Working together

towards a joint objective:

**Creating a comfortable urban environment
and promoting local sustainable development
using PPPP approach**

THANK YOU



@UNECE.housing



@UNECEHLM



UNECE Housing and Land Management Unit



unece.org/housing-and-land-management



UNECE