

Measuring Progress: Achieving Smarter Cities
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United Smart Cities: towards UNECE-approved smart cities indicators

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**UNITED SMART
CITIES**



**UNITED NATIONS
ECONOMIC COMMISSION
FOR EUROPE**

Outline

- “United Smart Cities” project:
 - activities
 - objectives
 - partners
 - cities and events
- The indicator set
- The intergovernmental process



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UNECE Smart city definition

An inclusive, safe, resilient, sustainable and “connected” city for all

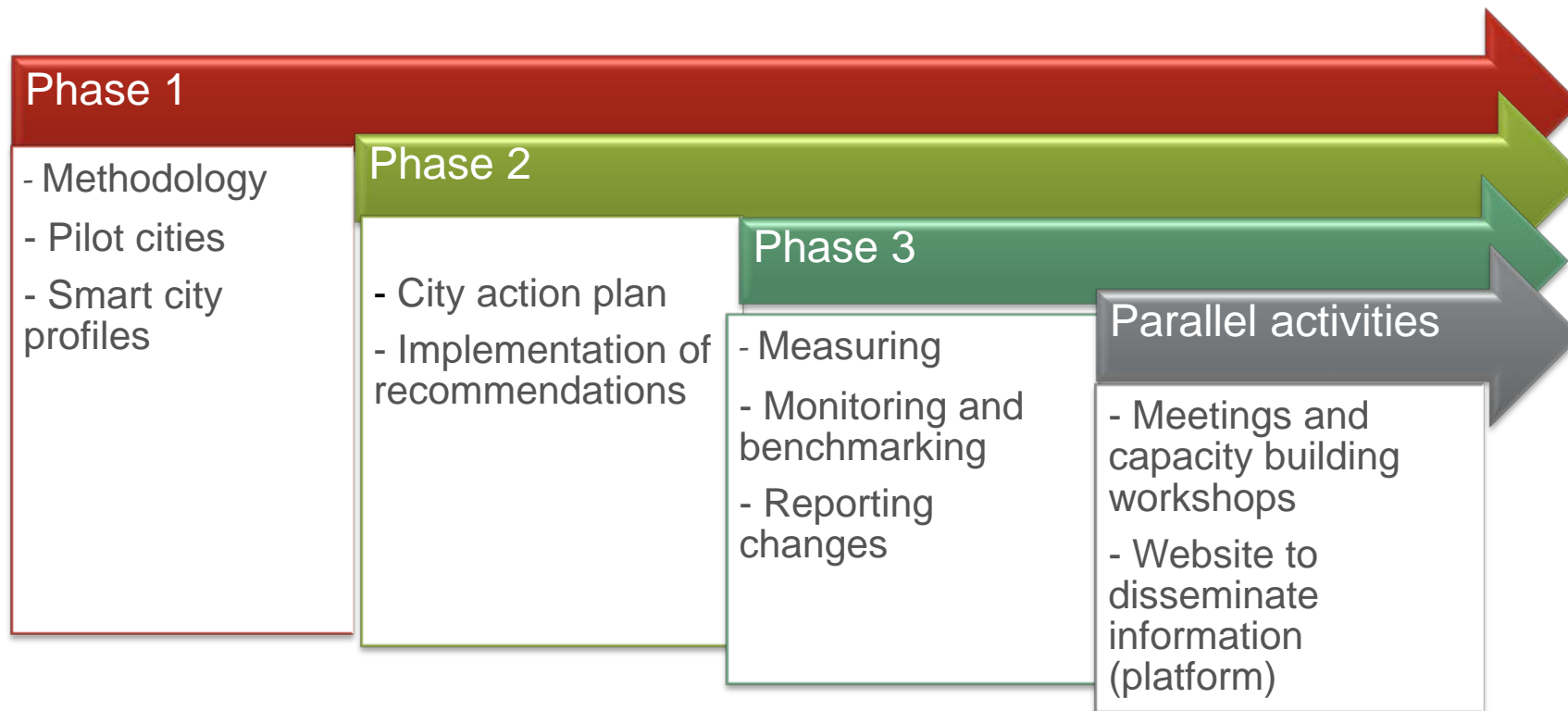


Proposed SDG 11

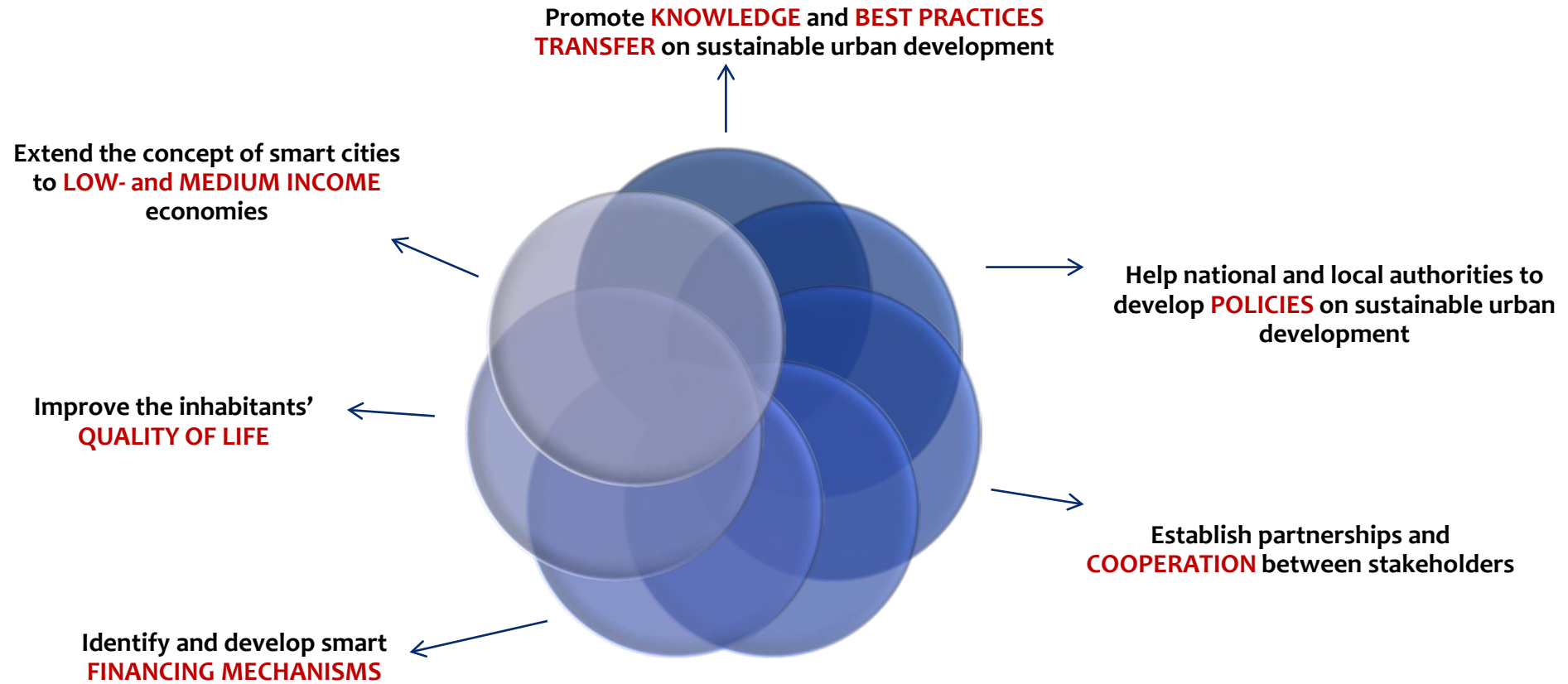


UNECE smart cities initiative: Summary of activities

«**UNITED SMART CITIES**» project - launched in May 2014

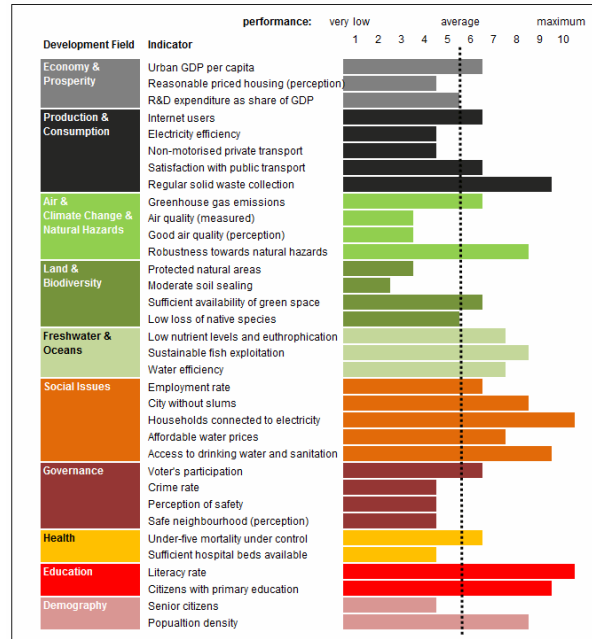


Objectives



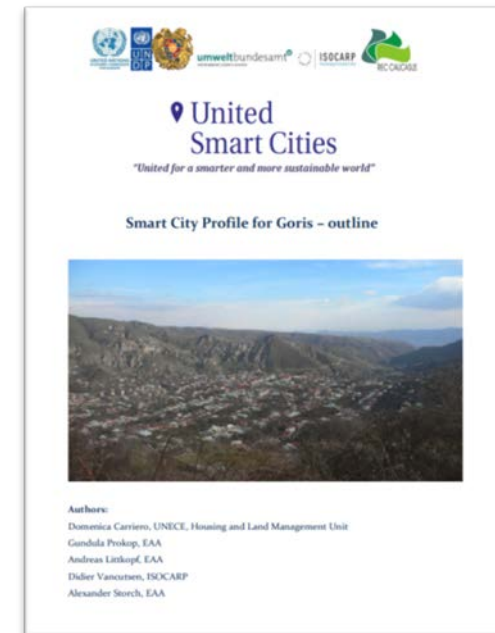
Outputs

3. Creation of a multi-stakeholder platform and content hub for smart city initiatives



1. Development of a set of indicators for evaluating a smart and sustainable city

2. Preparation of smart city profiles with recommendations



Partners



The selected cities

Pilot cities

- Goris - Armenia
- Vologda – Russian Fed.
- Stavropol – Russian Fed.
- Aktau – Kazakhstan
- Dushanbe - Tajikistan
- Polotsk - Belarus
- Vinnitsa – Ukraine
- Tbc – Albania
- Tbc - Georgia



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Urban Indicators: yes & not

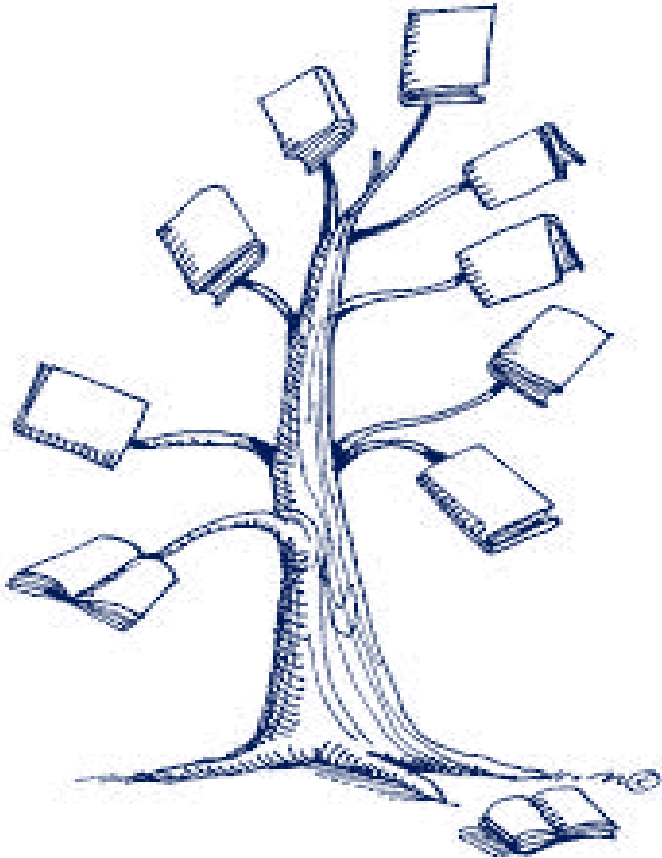


- Helpful tool to:
 - set priorities
 - measure changes
 - evaluate the current status of a city
 - serve as a starting point for action



- are not a remedy as such

Sources



- ✚ More than 25 worldwide initiatives
- ✚ Available statistical data (EUROSTAT, Urban Audit, World-Bank, WHO, FAO etc.)
- ✚ Thematic maps (likelihood of drought, earthquakes, flooding, precipitations)
- ✚ Other (perception surveys, check lists, expert judgement etc.)

Methodology: indicators

Developed by a consortium of partners – leading partner
Environment Agency Austria

Approach

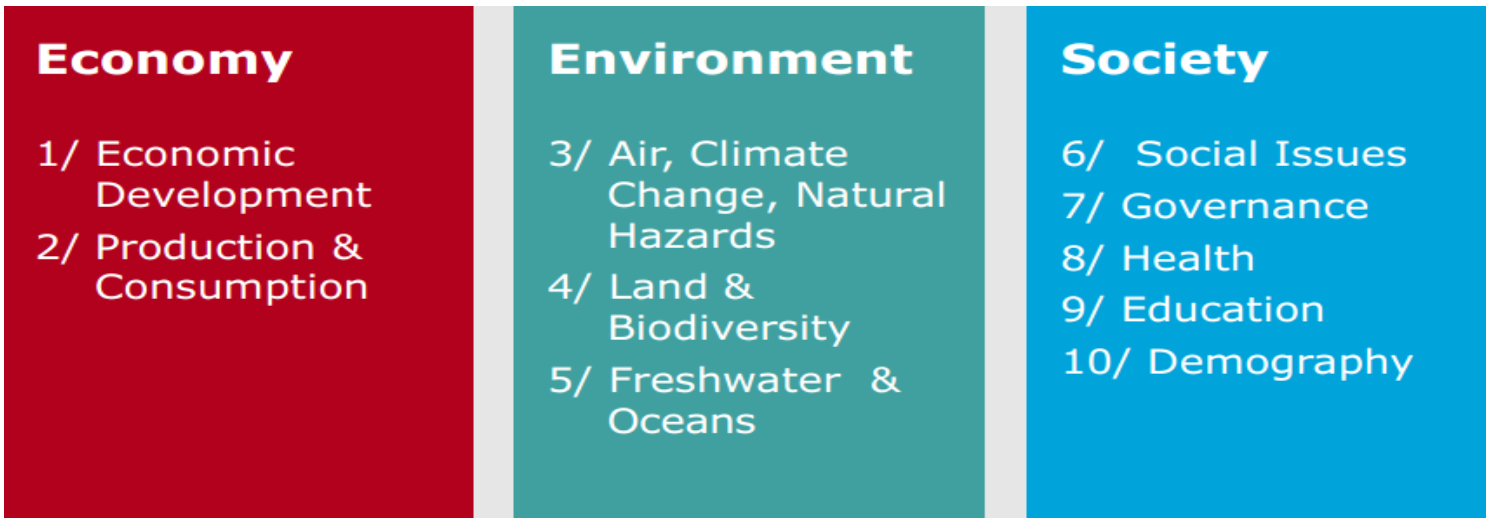
3 main areas

10 development fields

60 measurable indicators

Criteria:

- Data availability
- Available references
- Implementation options
- Feasibility of measures



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NEW URBAN AGENDA - Integrated approach to the development of cities and human settlements

Green, inclusive, healthy, compact and resilient cities



Smart City Indicators – the political process

- **2013:** survey “Challenges and priorities for the UNECE region”
- **2013:** 74th session of the Committee on Housing and Land Management - smart cities as one of the main priorities for member States
- **2014:** 75th session of the Committee on Housing and Land Management - smart cities enters the program of work of UNECE with the project “United Smart Cities”
- **2015:** 76th session of the Committee on Housing and Land Management – eventual endorsement of the set of the smart cities indicators



Smart City Indicators – Milestones for the adoption of the list of indicators

- 2014: Development of the draft list of indicators
- 2015: Draft indicators tested in the pilot city of Goris, Armenia for feasibility
- 2015, 11 May : Expert Consultation, Geneva, Switzerland – to discuss indicators among experts from several sectors
- 2015, 4 and 5 June: Workshop and Committee Bureau meeting, Rakvere, Estonia – starting point of the intergovernmental dialog
- 2015, July: draft sent to the member States focal points for comments
- 2015, September: eventual second negotiation session
- 2015, 14-15 December: Committee will be invited to adopt the indicators



Thank you for your attention



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