



Committee on Housing and Land Management

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CEP 22
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1.

**Sustainable
Housing and
Real Estate
Markets**

2.

**Smart and
Sustainable
Urban
Development**

3.

**Land
Administration
and
Management**

**Areas of
Work**

**4. Country Profiles on Housing and
Land Management**

Housing and Land Management

- Geneva UN Charter on Sustainable Housing
- Best practices and standards on energy efficiency in buildings
- Tools for sustainable urban development and land management
- Smart city indicators and smart city profiles





Ensure the access to decent, affordable and healthy housing in the ECE region

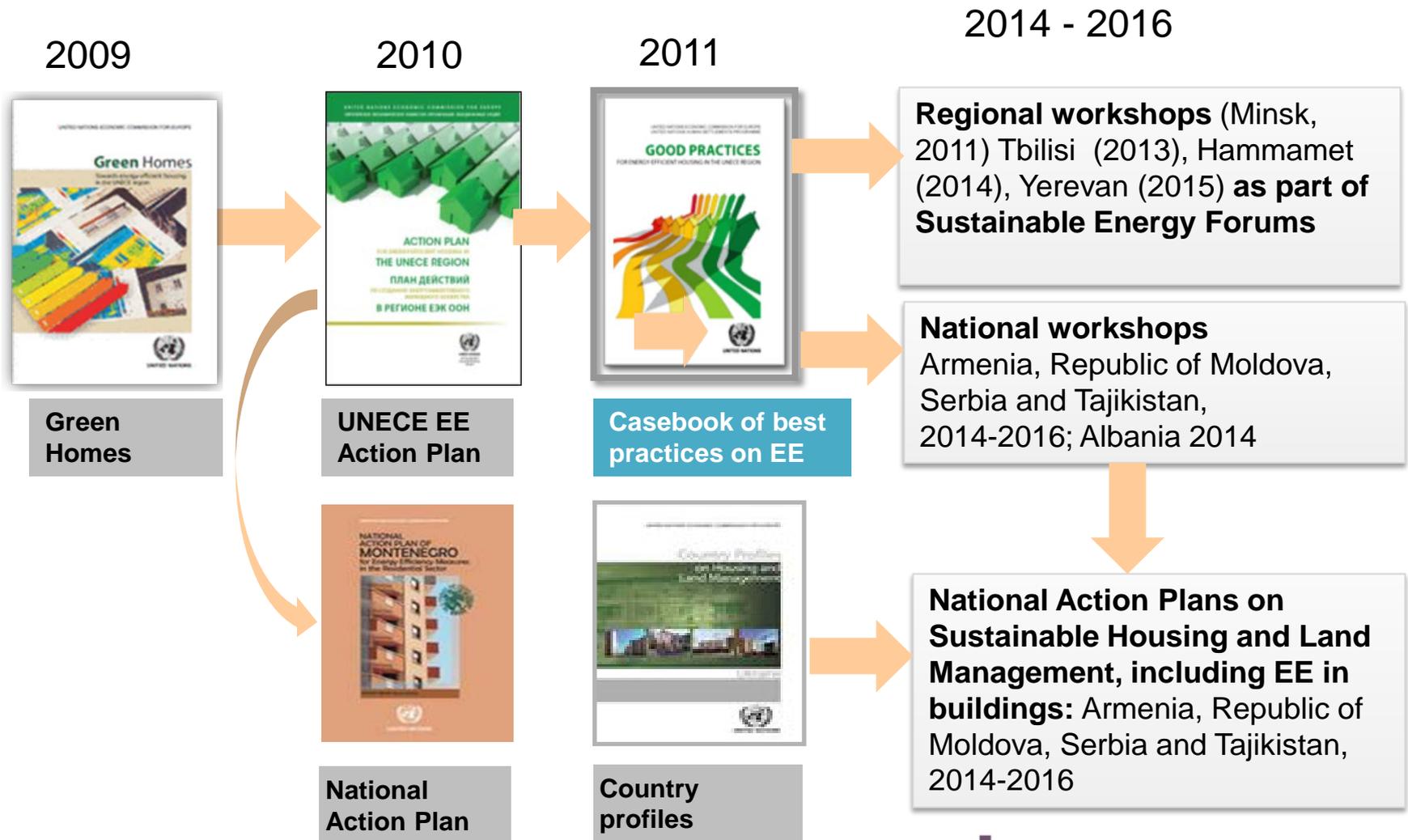
Environmental protection

The Charter supports the following actions aimed to limit the negative impact of housing on the environment:

- **Reduce the carbon footprint of the housing sector by reducing energy use throughout the entire life cycle of buildings**
- Decrease the adverse per capita environmental impact of cities, including by paying special attention to **air and water quality and waste management**;
- **Apply building codes and standards for energy efficiency and the environmental safety** of new and existing residential buildings;
- **Retrofit and renovate** existing housing stock in an **environmentally friendly, energy-efficient, affordable** and cost-efficient way;
- **Adopt green housing policies and integrate them into sustainable urban and territorial development policies**



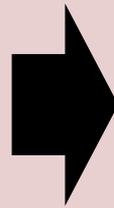
HLM activities in green energy efficient buildings



Standards on Energy Efficiency in Buildings - timeline

Cooperation: Committee on Housing and Land Management and Committee on Sustainable Energy and Working Party 6

1. Proposal for developing a study on standards for EE in buildings (ECE/HBP/2014/4) accepted by the Committee on Housing and Land Management



2. Survey on building standards and regulations

3. Expert Consultation on EE standards in buildings



4. Establishment of a UNECE Task Force on building codes and standards on energy efficiency in buildings



Joint Task Force on EE Standards in Buildings



Joint Task Force on Energy Efficiency Standards in Buildings with participation of the UNECE Working Party on Regulatory Cooperation and Standardization Policies and other relevant stakeholders

- Overview on standards for energy efficiency in buildings
- Overview on existing and forthcoming technologies for energy efficiency in buildings
- Online database of experts
- Increasing public awareness
- Strategy and roadmap for future UNECE activities
- Step towards reaching energy efficiency goals amongst the UNECE region
- Step forward the harmonization of markets and standards
- The Framework Principles for Building Standards are a practical step in bringing the building-energy nexus into the very fabric of the sustainability strategy.

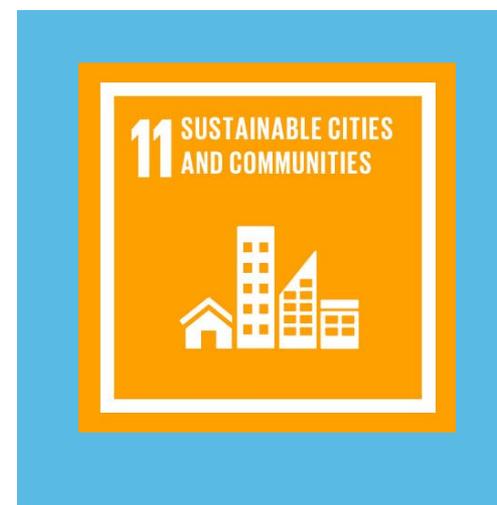


Cross-sectoral cooperation

- Strategic workshop on future priorities under the Protocol on Water and Health, 7-8 March 2016
- PEP-the Transport, Health and Environment Pan-European Programme on Priority goal 5: *to integrate transport, health and environmental objectives into urban and spatial planning policies*
 - Event during the European habitat on Implementing of the 2030 Agenda and achieving the SDGs towards the New Urban Agenda – 16 March 2016, Prague
- UNECE workshop on safety and land-use planning - 13 April 2016, Geneva
- Environment and Health for European Cities - 13-14 December 2016, Utrecht
- Environment and Health Ministerial - 13–15 June 2017, Ostrava



The Sustainable Development Goals (SDGs)



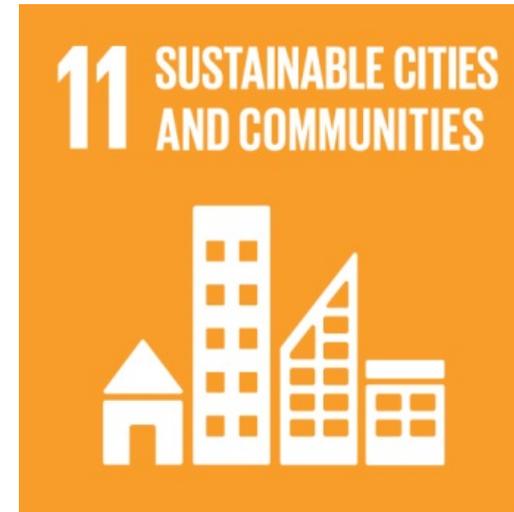
“UNECE’s achievements have made it a go-to source for improving global public goods and services, with more than 100 countries beyond the UNECE region benefiting from its work”.

UN Secretary-General Ban Ki-moon

Goal 11: Sustainable Cities and Communities

Ensure access to affordable, reliable, sustainable, and modern energy for all

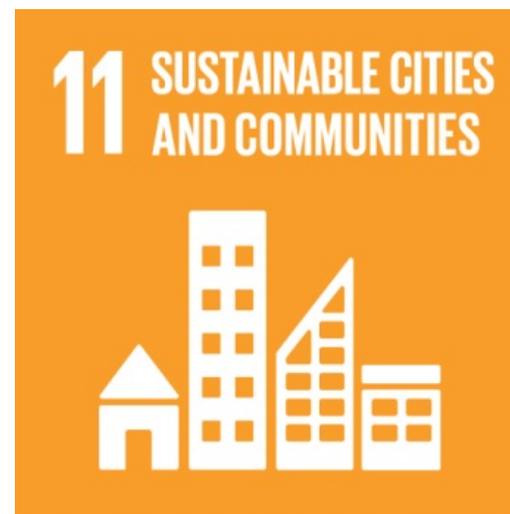
11.1	By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums
11.2	By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons
11.3	By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries
11.4	Strengthen efforts to protect and safeguard the world's cultural and natural heritage
11.5	By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations



Goal 11: Sustainable Cities and Communities

Ensure access to affordable, reliable, sustainable, and modern energy for all

11.6	By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management
11.7	By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities
11.a	Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning
11.b	By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels
11.c	Support least developed countries, including through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials





UNECE coordinated the preparation of [a regional report for ECE region and supports the implementation of a regional roadmap](#) for the United Nations Conference on Housing and Sustainable Urban Development - HABITAT III

HABITAT III Regional Roadmap milestones:



Smart and Sustainable Urban Development



- New Urban Agenda: inclusiveness, safety, resilience and sustainability.
- New Urban Agenda, which promotes close links with the 2030 Agenda for Sustainable Development, the Paris Agreement and other important global political frameworks
- The New Urban Agenda also recognizes the important role of regional organisations in the implementation, follow up and review.
- NUA makes reference to green buildings: paras 75, 76, 97, 101, 121, 141

New Urban Agenda

KPIs for smart sustainable cities to assess the achievement of SDGs (TD 1465 Rev.2)



Developed by a consortium of organizations

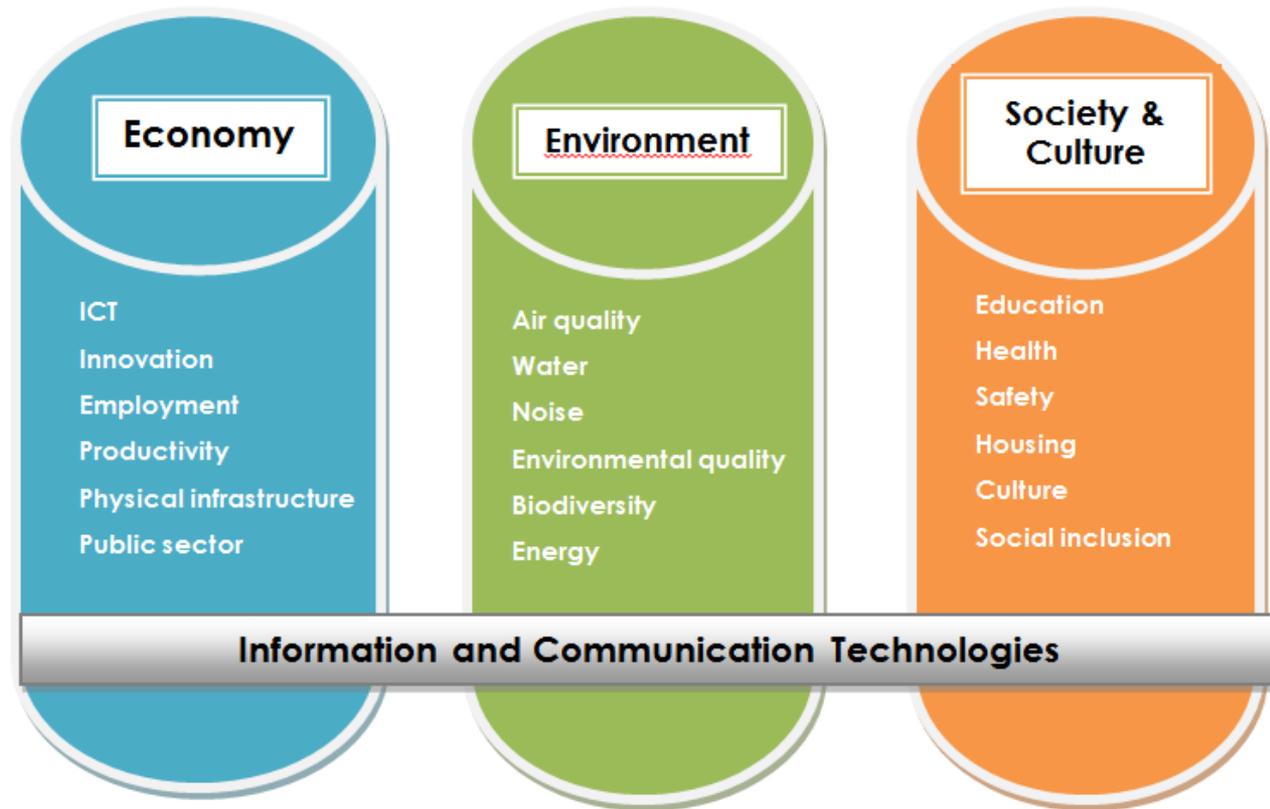
UNECE/ITU Smart Sustainable Cities Indicators endorsed by the Committee on Housing and Land Management on 15 December 2015 (ECE/HBP/2015/4)

Approach

3 main areas

18 topics

73 indicators (core & additional)



Thank you for your attention

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