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# Committee on Housing and Land Management:

## *Activities on green buildings*

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**UNECE**

# Committee on Housing and Land Management



Established in 1947

Mandate: to improve housing, urban sustainability and land governance



# Areas of work

## 1. Housing and Real Estate Market



## 2. Sustainable Urban Development



## 3. Land Administration





# Geneva UN Charter on Sustainable Housing

## Main purpose

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





# FOUR PRINCIPLES





## (a) 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;**





## (a) Environmental protection

- **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

2014

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



2015

2. Survey on building standards and regulations

3. Expert Consultation on EE standards in buildings

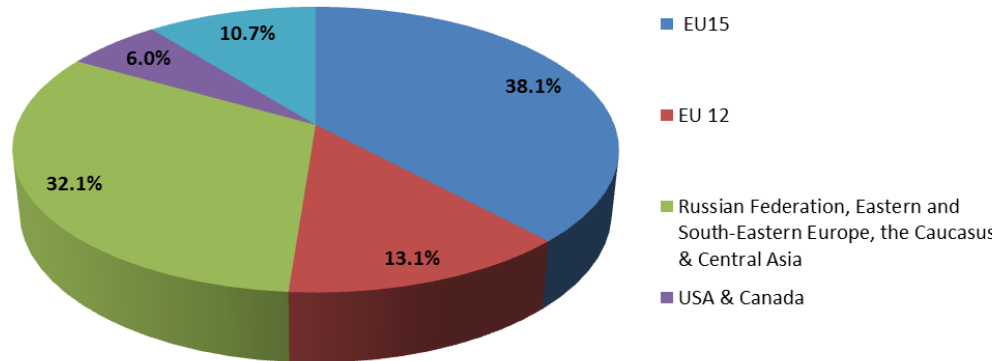


2016

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

# Survey of member States on Building Standards and Building Regulations

Q3. Respondents per subregion



## Ranking

### Main Challenges

1. Lack of knowledge
2. Lack of information
3. Lack of experts/expertise

### Priority areas

1. Thermal performance
2. Construction materials
3. Minimum habitable standards

### Role of UNECE

1. To develop best practice guidance
2. To map existing EE standards in buildings
3. To establish a database of experts
4. To partner with other int. organizations

# Outcomes of the Expert Consultation



## Joint Task Force on EE Standards in Buildings

### Suggested activities

- Mapping EE standards for buildings and preparing gap analyses
- Preparing guidance materials
- Promoting partnerships
- Establishing a database of experts
- Developing and organizing training programmes



# Thank you

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