



Towards Energy Efficient Housing the UNECE Action Plan

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UNECE Committee on Housing and Land Management

The Committee

- is a platform for **inter-governmental dialogue**
- is a forum for the **exchange of information and experience**
- assists with **policy formulation and implementation**
 - in-depth assessments
 - policy guidance and recommendations
 - advisory services and capacity-building activities





Energy-efficient Homes in Transition Countries

Green Homes

- Presents key benefits, challenges and prospects
- Outlines necessary institutional changes
- Provides set of recommendations for governments





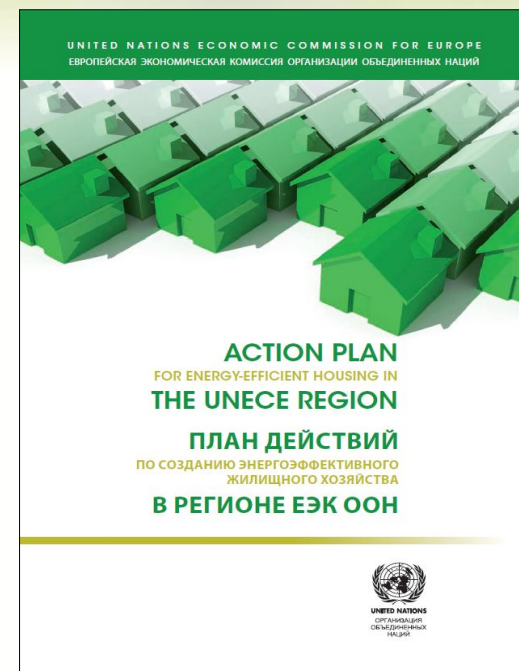
UNECE Action Plan for Energy-efficient Housing

- Accelerate transition
- Broad application of existing technical solutions
- Remove barriers of implementation
- Policy reforms

3 policy areas

12 goals

178 actions





3 Policy Areas

- Energy efficiency governance and financial infrastructure
- Energy performance standards and technology integration
- Access to energy efficiency and public housing





I. Governance and financial infrastructure

Organizational Leadership and Planning

- Introduce framework laws supporting institutional changes
- Establish structures responsible for energy-efficiency in housing
- Build statistical database for energy monitoring

Financial incentives and mechanisms

- Develop system of subsidies
- Improve tax incentives
- Introduce tax on energy inefficiencies

Housing management, maintenance and refurbishment





II. Energy performance standards and technology integration

Improve energy performance requirements

- Introduce energy certification for all residential buildings

Promote innovations in low energy and low-carbon technology

- Promote passive-house, zero-energy house building solutions
- Develop on-site renewable energy generation

Stimulate research, innovations and best practices

Spatial planning, development practices, district heating





III. Access to energy efficiency and public housing

Transform of public or social housing stock

- Develop special EE policy for public/social housing
- Develop retrofitting programmes for public housing

Ensure affordable access to energy efficient housing

- Develop interdepartmental social policy framework
- Ensure lower-income groups are not negatively affected

Raise awareness and build capacity

- Make energy-efficiency is more visible for consumers
- Support local energy centres and demonstration projects





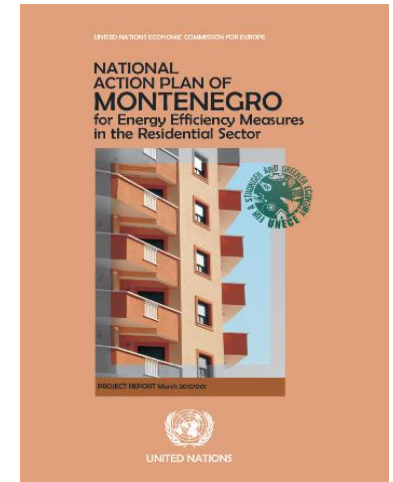
Supporting Implementation of the Action Plan

Montenegro National Action Plan

- First spin-off of UNECE Action Plan
- Assesses legal and institutional framework
- Identifies priority areas for action
- Focuses on informal settlements

Training Workshops in UNECE Subregions

- Present Action Plan
- Discuss regional challenges and opportunities
- Advise on national application of Action Plan





Best Practice Casebook on Energy-efficient Housing

- New report to underpin Action Plan
- Identify programmes and policies on energy-efficient housing which work well
- Present examples for replication in economic transition countries
- Joint product of UNECE, City of Vienna and UN-Habitat

Objective

- Underline viability of energy-efficient housing
- Trigger interest and increase acceptability of national stakeholders
- Create demand for energy-efficient homes





Thank you for your attention

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