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# Task Force on Energy Efficiency in Housing



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Under the UNECE Committee on  
Housing and Land Management  
(CHLM)

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## Background

- Following a decision of the Bureau of the ECE Committee on Housing and Land Management in early May, a Task Force on Energy Efficiency in Housing is being established.
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# Why is the creation of the CHLM Task Force important?

- Worldwide, **30-40% of all primary energy** is used in buildings.
  - In OECD countries building are responsible for **25-40% of total energy use**.
  - In Europe, buildings account for **40-45% of energy consumption in society**, contributing to significant amounts of CO<sub>2</sub>.
  - In the EU, the residential sector represented **77% of all CO<sub>2</sub> emissions from buildings in 2002**. In low income countries the share can rise to over 90% (Source UNEP 2007).
  - Typically, **80-90% of total energy used during the lifespan** of a building is consumed during the use phase (i.e. not in construction phase), which is dominated by control of the inner environment (heating and cooling), followed by use of hot water, appliances and lighting (Source EEA 2007).
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## What energy efficiency can do

- Over the period 1990-2005 the number of households in the EU increased by 18%, while emissions only grew slightly.
  - This controlling of emission was achieved by increasing the energy efficiency of housing through: higher levels of thermal insulation of walls, roofs and windows, efficient heating and cooling systems use of passive lighting and active shading, solar water heating, and energy efficient appliances and lighting.
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## The work of the Task Force

- The Task Force will be working in the coming year, and present its **findings and recommendations at the end of 2009**. The TF will provide a comprehensive reading of the problem in the ECE region, considering **environmental, social and economic aspects** related to energy efficiency in housing.
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## Composition and scope

- The Task Force will be composed of a small group of interested Members States and practitioners. One of its main goals will be to bridge the gap between decision making in this field and practice. Emphasis will be put on the existing housing stock.
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## Basis for synergies between the CHLM Task Force and EE21

- As there are areas in the work of both EE21 and the CHLM TF that have common objectives, it is important to inform this audience of the CHLM initiative, in order to **establish synergies in those areas of common interest in the initial phases** of the TF work.
  - In particular, the work of the TF **fits within the second objective of the project**, which is the strengthening of energy efficiency and renewable energy policies through a wide-ranging regional assessment, case studies, workshops and policy makers seminars.
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# CHLM Task Force on Energy Efficiency in Housing

## Upcoming appointments

- **Early September 2008:** first informal meeting of interested member States and practitioners to identify possible TF members, and define the programme of work and timetable.
  - **22 September 2008:** in depth discussion on the core issue to be held at the 69th session of the Committee on Housing and Land Management. The Committee will also discuss the work of the Task Force.
  - **Early 2009:** a first kick-off workshop organized in cooperation with the CEDODHAS Working Group on Energy to assess different experiences in the region, collect and share information and start the substantive work of the Task Force.
  - **October-November 2009:** a second Workshop in Vienna to present the results of the TF and receive feedback from Member States.
  - **Early 2010:** Results and recommendations to be issued.
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# CHLM Task Force on Energy Efficiency in Housing

- We welcome the opportunity to discuss further with those Members States or practitioners that are interested in the work of the Task Force and the workshops.
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