



International Forum

Towards an Action Plan for Energy Efficient Housing in the UNECE Region



City of Vienna



23–25 November 2009 **Vienna City Hall**

<http://www.energy-housing.net>

Theme of the International Forum



Today, buildings are responsible for a large share of total final energy demand; by and large, this energy is used in the residential sector. Demographic, economic and cultural changes will only increase the pressure of housing on energy demand and will be accompanied by even higher levels of greenhouse gas emissions. Evidence suggests, however, that it is the buildings sector and, in particular, the residential sector that could generate some of the greatest energy savings – and benefits of improved comfort, employment opportunities and fuel security of supply.

To address this, the United Nations Economic Commission for Europe (UNECE) in cooperation with the City of Vienna and CECODHAS (the European Liaison Committee for Social Housing) is organizing an International Forum as a discussion platform on institutional, legal, technological, financial and other policies and measures that can enhance energy efficiency in housing.

The results of the International Forum will be used as input to an Action Plan for Energy Efficient Housing for the UNECE region, that is to be developed by the UNECE Committee on Housing and Land Management on the subjects of strengthening institutional capacities in legislation, related management and finance affairs, access to energy efficient public and affordable housing, and adopting innovations.

This Forum is free to attend and is open to practitioners, researchers, legislators, government and municipal staff, the construction, heating and insulation sector, NGOs and the general public.

Day 1

23 November 2009



9:30 Registration

10:00 Opening Session

Chair Wolfgang Förster, *City of Vienna, Head of Division for Housing Research and International Relations, Chair of the UNECE Committee on Housing and Land Management*

10:15 Welcome and Introductory Remarks

Heinz Fischer, *Federal President of Austria*
Ján Kubiš, *Executive Secretary, United Nations Economic Commission for Europe*
Michael Häupl, *Mayor and Governor of Vienna*
David Orr, *President, CECODHAS*

11:00 Keynote Presentation

Energy Efficient Residential Housing: Chances and Challenges

Jochen Flasbarth, *President, German Federal Environmental Agency, Dessau*

The Draft UNECE Action Plan for Energy Efficient Housing:

Presentation of the draft Action Plan

Oleg Golubchikov, *University of Oxford, School of Geography and the Environment*

Reflection on and input to the draft Action Plan

Abduvali Komilov *Minister, Director Agency for Construction and Architecture under the Government of Tajikistan*

Corrado Clini, *Director General, Ministry of the Environment of Italy, Rome*

12:00 Panel Discussion

12:30 Lunch Break

13:30 Plenary Session II

Strengthening Institutional Capacities: Legislation,
Management and Finance

Chair Elena Szolgayová, *Ministry for Construction and Regional
Development of Slovakia, Housing Policy Department, Bratislava*

13:30 Presentations

EU Energy Efficiency Action Plan and recast of the Energy Performance
of Buildings Directive

Martin Elsberger, *European Commission, DG Energy and Transport,
Unit D4 – Energy Efficiency, Brussels*

Targeted policy without new laws – the housing developers
competitions in Vienna

Dieter Groschopf, *Deputy Managing Director, Wohnfonds Wien –
Fund for Housing Construction and Urban Renewal, Vienna*

Energy efficient housing in large housing estates. New impulses
from a nation-wide competition

Rolf Müller & Nadine Walter, *Federal Institute for Research on Building,
Urban Affairs and Spatial Development, within the Federal Office for Building
and Regional Planning (BBR), Bonn*

Using revolving EU Structural Funds to promote energy efficiency
in housing – the Estonian scheme

Mirja Adler, *Credit and Export Guarantee Fund KredEx,
Housing Division, Tallinn*

14:15 Questions & Answers

14:45 Presentations cont.

The Eco-Mietspiegel – Initiation of energy residential renewal on local comparative rent

Reiner Wild, *Berliner Mieterverein e.V., International Union of Tenants (IUT)*

Climate change begins at home

Anne Power, *London School of Economics, School of Economics and Political Science, London*

Towards energy efficient housing – the importance of local energy planning

Jonas Lodén, Eoin Ó Broin & Filip Johnsson, *Department of Energy and Environment, Energy Technology, Chalmers University of Technology, Göteborg*

15:15 Questions & Answers

15:45 Coffee Break

16:15 Presentations cont.

Potential for financing energy efficiency: examples from countries of South-Eastern and Eastern Europe

Oleg Dzioubinski, *UNECE, Sustainable Energy Division, Geneva*

National Building Renovation Code

Angel Minev & Jeliasko Ivanov, *Association for Renovation of Multi-Family Buildings – RES, Sofia*

Improving energy efficiency in the Armenian building sector

Samvel Srapyan, *Housing Stock Management and Communal Policy Division, Ministry of Urban Development of the Republic of Armenia, Yerevan*

**Problems and opportunities of improving energy efficiency
in buildings in Kyrgyzstan**

Elena Rodina, *project manager of the UNDP/GEF “Improving Energy Efficiency in Buildings” project, Bishkek*

Energy efficiency of housing: examples from Tajikistan

Akram Akbarov & Ikromjon Nigmatov, *Centre of Skill Development and Consulting Services, Tajik Technical University, Dushanbe*

17:15 Questions & Answers

18:00 End of Working Day 1

20:00 Evening Reception in MuseumsQuartier

hosted by Michael Ludwig, Vice-Mayor and Executive City Councillor for Housing, Housing Construction and Urban Renewal, Vienna

Day 2

24 November 2009



9:00 Plenary Session III

**Developing Technological Performance
and Deploying Innovations**

Chair *Martti Lujanen, Director General, Ministry of the Environment of Finland, Helsinki*

9:00 Presentations

Achieving zero-carbon homes in UNECE Region – Lessons from the UK

Yee Chow, *Scott Wilson Ltd, London*

Tieh Chow, *Asian Institute of Technology, Pathumthani*

Design codes for better integrated urban development, The Urban II

Working Group Hopus - Housing Praxis for Urban Sustainability

Federico De Matteis & Carola Clemente, *University of Rome "La Sapienza", Faculty of Architecture "Valle Giulia"*

Spatial arrangement of buildings and their service infrastructure to increase energy efficiency in housing

Nikolai Bobylev, *Russian Academy of Sciences, St. Petersburg*

Wolfgang Wende, *German Federal Environment Agency, Dessau*

From the real world for the real world – Quality control in large scale buildings projects – The interplay between construction management and planning

Roland Matzig, *r-m-p architekten, Mannheim*

9:40 Questions & Answers

10:20 Coffee Break

10:50 Presentations cont.

From demonstration projects to commercial scale deployment – based on preliminary experiences from IEA SHC Task 37

Are Rødsjø, *Special advisor, The Norwegian State Housing Bank, Trondheim*

Trond Haavik, *Director international operations, SEGEL AS, Nordfjordeid*

Sustainometrics: Measuring progress toward energy efficiency and sustainability

W. Cecil Steward, *Joslyn Institute for Sustainable Communities, Omaha*

Sharon B. Kuska, *University of Nebraska, College of Architecture, Lincoln*

11:15 Questions & Answers

11:30 Keynote Presentation

Perspectives for the Future – Passive House Technology

Wolfgang Feist, *University of Innsbruck, Head of “Passivhaus Institut”, Darmstadt*

12:00 Lunch Break

13:00 Plenary Session IV

Improving Access to Energy Efficiency: Public Housing, Affordability and Regional Differences

Chair Axel Viehweger, *Federation of Cooperative Housing Associations of Saxony, Chair of CECODHAS Eastern Europe working group, Dresden*

13:00 Presentations

Energy-efficient rehabilitation in dwellings and neighbourhoods seen from a social, environmental and economic policy perspective

Núria Pedrals Pugés, *Director-General for Quality in the Building and Rehabilitation of Dwellings, Department of the Environment and Housing, Government of Catalonia, Barcelona*

IEE ECOLISH project: Energy exploitation and performance contracting for low income and social housing

Peter Op 't Veld & Erwin Roijen, *Cauberg-Huygen RI bv. Maastricht*

Energy efficiency housing: The experience of Ukraine

Vyacheslav Tolokanov, *Director for International Cooperation, Investment Development and European Integration Issues, Ministry of Regional Development and Construction of Ukraine, Kiev*

13:30 Questions & Answers

14:00 Presentations cont.

Tackling fuel poverty through energy efficiency strategies

Noel Rice, *Northern Ireland Housing Executive, Belfast*

Energy efficiency in social housing: the importance of tenants' behavior

Luc Stijnen, *C.V. Zonnige Kempen, Westerlo*

UNDP-GEF support to energy efficient buildings in Eastern Europe and CIS

Marina Olshanskaya, *UNDP-GEF Regional Technical Adviser on Climate Change, Europe and CIS, Bratislava*

14:30 Questions & Answers

15:00 Coffee Break

15:30 Panel Discussion

Conclusions for the Action Plan for Energy Efficient Housing

Wolfgang Förster, *City of Vienna, Head of Division for Housing Research and International Relations, Chair of the UNECE Committee on Housing and Land Management*



- >> *Christina von Schweinichen, Deputy Director, UNECE Environment, Housing and Land Management Division, Geneva*
Oleg Golubchikov, University of Oxford, School of Geography and the Environment
Martti Lujanen, Director General, Ministry of the Environment of Finland, Helsinki
Elena Szolgayová, Ministry for Construction and Regional Development of Slovakia, Housing Policy Department, Bratislava
Axel Viehweger, Federation of Cooperative Housing Associations of Saxony, Chair of CECODHAS Eastern Europe working group, Dresden

16:15 **Closing Remarks**

16:30 **End of Working Day 2**

Day 3 **25 November 2009** 

9:30 **Study Tour**

Examples of Energy-Efficient Housing Construction and Refurbishment in Vienna

Guided by Wolfgang Förster & Wolfgang Dvorak, City of Vienna

12:30 **End of the International Forum**



General Information

Venue

The International Forum will be held in the Festival Hall of Vienna City Hall (entrance Lichtenfelsgasse 2, 1010 Vienna). You can travel directly to the City Hall on the underground line U2, "Rathaus" station. The evening event will take place in the MuseumsQuartier, Ovalhalle. You can easily reach the MuseumsQuartier by the underground lines U2 and U3, "Volkstheater/MuseumsQuartier" station.

Study Tour

Vienna has a long-standing experience in the field of energy-efficient housing construction and renewal. The study tour on 25 November 2009 will provide an opportunity for participants to see a number of practical examples illustrating the differentiated approach taken by the City of Vienna with regard to its historical building stock and new housing construction.

Conference Languages

In all sessions simultaneous translation into German, English and Russian will be provided. The working language in the study tour will be English only.

Registration

Participation in the International Forum, the evening reception and the study tour is free of charge. For your registration please use the online form on www.energy-housing.net.

Hotel & flight bookings

The local organizers have pre-booked a number of rooms in hotels next to the venue offering reduced prices for conference participants. A list of these conference hotels is available on www.energy-housing.net. If you wish to take advantage of this special offer please turn directly to the hotel (mentioning the code "UNECE workshop") before the end of October. Austrian Airlines serves as official conference carrier of the event. If you book your flights to the conference online at www.austrian.com you save 20% on all applicable fares! To do so, simply enter the code "UNECE09" in the eVoucher/Gutschein field on the Austrian homepage booking-engine.

Entry Formalities – Visa

Citizens of all EU Member States, most North and South American countries and a few other countries may enter Austria with a valid passport or – within the EU – an identity card. Travellers requiring a visa may travel in Austria, and in every Schengen country, for a period of three months with a Schengen visa. If you have any doubts, please obtain information before departure about the entry formalities from the Austrian consulate of your country or from the website of the Austrian Ministry of Foreign Affairs www.bmaa.gv.at.



This event is an official Energy Day of the European Commission's "Sustainable Energy Europe" campaign.



Organisers

- United Nations Economic Commission for Europe (UNECE), Committee on Housing and Land Management
www.unece.org/hlm
- City of Vienna, Department for Housing, Housing Construction and Urban Renewal
www.wien.gv.at
- CECODHAS – the European Liaison Committee for Social Housing
www.cecodhas.org



Sponsor

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