

International Conference – Baltic Energy Dialogue 3

How to achieve changes on energy efficiency in housing – what makes 30% energy saving possible?

Tallinn, Estonia

Tallink Spa and Conference Hotel

Sadama 11A

May 29-30, 2008

Organizers

- Tallinn City Government – Department of Environment/ EU project SECURE
- Friedrich Ebert Foundation in Baltic States
- Consultant Mõnus Minek SEES - Sustainable Energy and Environmental Solutions

Objectives

1. To rise the awareness of civil society, business community, local and central governmental institutions on energy saving and efficiency in housing sector.
2. To share the national and international experiences on energy saving and efficiency
3. To enhance the cooperation and participation of stakeholders (local and state government, business community and civil society) on promotion of the energy saving,
4. To ensure sustainability in energy saving policy making and implementation

Topics

1. Identification of gaps and needs in policy instruments, public-civic cooperation, legal regulations (e.g. fiscal tax reform) and monitoring
2. Good and bad lessons learnt to ensure sustainable demand and supply of power and heating and cooling and housing
3. What lessons are learned from energy-mix policies and de-centralised energy transformation
4. Funding and return of particular energy saving concepts, like e.g. CHP

Presenters

Partners of Tallinn city in EU SECURE project – City of Malmö, IVL Swedish Environmental Research Institute, Codema (City of Dublin Energy Management Agency), and Hillerød Electricity, Water and Heating supply company, NGOs, entrepreneurs and government agencies from Baltic Sea Region
Special comprehensive cases, like Freiburg/Germany (i.a. participation of civil society in local government's energy planning)
EU with future-oriented energy regulations

Participants

Estonian local, county and national governments authorities
City planners and developers; civil servants on energy, city development, building and renovation
KredEx, The Credit and Export Guarantee Fund¹
Civil society organisations – NGO, unions, associations
Business community – architects, real estate developers, builders
Market Place, to allow companies the presentation of energy saving concepts.

Agenda

Presentation 'a 15 minutes, questions and answers 5 minutes

29.05.

- 10.00** **Opening, welcome, introduction of the objectives of the conference and participants**
Tõnu Tuppits, Head of Environmental Department of Tallinn City Government
Ahto Oja, conference moderator
- 10.15** **E3 - Edification. Energy. Efficiency**
Elmar Rõmpczyk, Friedrich Ebert Fond coordinator in Baltic countries

1 session Legislation and Funding of energy efficiency in housing in Baltic Sea countries

- 10.30** **Legislation and funding in Estonia – strategies, action plans, experiences**
Madis Laaniste, Ministry of Economy and Communication
- 10.50** **Estonian experiences on implementing and funding energy saving action plans via pilot project BEEN.**
Mirja Adler, KredEx
- 11.10** **National energy savings target and good energy efficiency examples in Housing sector in Latvia.**
Ivo Lemss, Project Manager, Energy Efficiency Division
Energy Department, Construction, Energy and Housing State Agency (BEMA)

¹ KredEx was founded in 2001 by the Ministry of Economic Affairs and Communications of the Republic of Estonia with the aim to improve the financing of small enterprises in Estonia, decrease export-related credit risks, enable people to build or renovate their homes and promote energy efficiency in Estonia.

- 11.30** **Lithuanian experiences on funding and supporting energy saving and efficiency in housing - Program for the modernization of multifamily buildings in Lithuania and the Housing Strategy.**
Valius Serbenta, Director,
Housing and Urban Development Agency of Lithuania
- 11.50** **Polish experiences: refurbishment process preparation - energy audit scope; financing sources available and applied development of awareness campaigns.**
Andrzej Rajkiewicz, Vice-President of the Board, National Energy Efficiency Agency
- 12.10-12.30** **Tea/Coffee**
- II session Process, policy making and participation**
- 12.30** **Solar region and green city. The importance of civic initiative in ecological rebuilding of Freiburg city and region.**
Björn Slawik, director, e.V.Solar Info Center, Germany
- 12.50** **Finnish experiences on energy saving and efficiency in housing –**
how urban planning and housing can contribute to energy issues.
Gordon Douglas, Planning Department, City of Helsinki, Finland
- 13.10** **Identification of gaps and needs in policy instruments, public-civic cooperation, legal regulations (e.g. fiscal tax reform) and monitoring from architect point of view.**
Veronika Valk, Estonian architect
- 13.30 - 14.30** **Lunch**
- 14. 30** **First experiences on passivhouse concept, design and building in Estonia**
Tõnu Mauring, University of Tartu, Laboratory of Energy Efficiency Building Materials
- 14.50** **Implementation of energy efficiency from business point of view**
Jaan Tepp, Energiasäästu Büroo OÜ
- 15.10** **Energy saving opportunities in Estonian schools and kindergartens.**
Ülo Kask, Tallinn Technical University,
- 15.30 - 16.00** **Tea/Coffee**
- 16.00-17.30** **World Cafe on Energy saving in housing,**

Exchange of experiences in intensive working group method called World Cafe, includes 3 rounds of intensive “around cafe- table discussions” 'a 30 minutes on interesting topics, identified by participants.

17.30 - 18.00 Results of working groups and closing the Day I.

19.00-21.00 Reception at Town Hall (Raekoda)

II DAY 30.05.2008

9.00 Introduction and welcome

9.10-10.30 III session: EL SECURE project presentations

9.10 **Climate consciousness - working with companies and citizens**
Roland Zinkernagel, Environment Department, City of Malmö, Sweden

9.30 **EL SECURE project implementation in Denmark.**
Peder Vejsig Pedersen, Cenergia, Hilleröd, Denmark

9.50 **Creating Energy Action Plans and outlining the approaches adopted by the other cities involved in the SECURE project Malmö, Hilleröd and Dublin.**
Joe Hayden, CODEMA, Dublin, Ireland

10.10 **Sustainable construction - experiences from the SECURE project**
Anna Jarnehammar, IVL, Stockholm, Sweden

10.30 - 11.00 Tea/ Coffee

11.00-12.00 **World Cafe II - Overcoming non-technological barriers for energy efficient buildings**

12.00-12.30 **Reports from World Cafe II round tables**

12.30 – 13.00 **Discussion and closing the conference**

13.00 -14.0 **Lunch**

14.00 -16.00 **Excursion to 2 study sites**

BEEN project on house renovation and insulation
CHP using landfill gas produces heat for settlement and electricity for grid