



United Nations Economic Commission for Europe



**Energy Efficiency 21 Programme
Financing Energy Efficiency and Renewable Energy
Investments for Climate Change Mitigation Project**

Outcome of International Energy Efficiency Forum in Astana, September 2010

**Oleg Dzioubinski
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Group of Experts on GEE21
Second session, 18 April 2011, Geneva



Workshop on Investments in Energy Efficiency and Renewable Energy Projects



Context

Objective Two of the Project: Strengthen energy efficiency and renewable energy policies

Regional Analysis of Policy Reforms

Preparation of National Case Studies by the National Participating Institutions and Case Studies by the Pöyry Energy Consulting AG



Workshop on Investments in Energy Efficiency and Renewable Energy Projects

Follow-up to:

Seminar on Policy Reforms to Promote Energy Efficiency and Renewable Energy Investments, Geneva, 7-8 October 2009

Workshop on Case Studies on Overcoming Barriers to Investments into Energy Efficiency and Renewable Energy Projects through Policy Reforms, Kiev, 10-11 November 2009



Workshop on Investments in Energy Efficiency and Renewable Energy Projects



Joint activity with two other EE21 projects:

Global Energy Efficiency 21 (GEE21)

Development of Renewable Energy Sector in CIS



International Energy Efficiency Forum 28-30 September 2010, Astana



Parallel event to the Ministerial Conference on Environment and Development (MCED-6), organized by ESCAP

Co-organizers: UNECE, ESCAP, UNDP, UNEP, Government of Kazakhstan

Plenary sessions (first day) and workshops (second day):

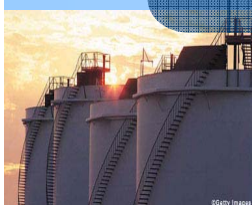
Workshop on Investments in Energy Efficiency and Renewable Energy Projects

Green Buildings Workshop

SPECA events (third day)

Website of the Forum:

http://www.unece.org/energy/se/docs/eneff_AstanaEEForum_Sep10.html



Government of Kazakhstan



United Nations Economic Commission for Europe



Economic and Social Commission for Asia and the Pacific



United Nations Development Programme



United Nations Environment Programme



International Energy Efficiency Forum

28-30 September 2010
Astana, Kazakhstan

- Assessment of energy efficiency (EE) and renewable energy (RE) policy and legislative frameworks
- Analysis of international best practices in EE and RE
- Status and potential of EE and RE in various economic sectors
- Energy efficiency in the residential and municipal sector
- Ways and means of financing EE and RE investments





International Energy Efficiency Forum Objectives



- Assessment of energy efficiency (EE) and renewable energy (RE) policy and legislative frameworks
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- Ways and means of financing EE and RE investments



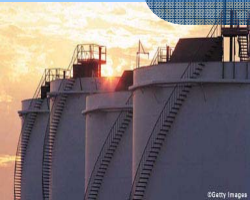
International Energy Efficiency Forum Outcomes



- Buildings sector offers significant low-cost opportunities for energy efficiency improvements
- Barriers to financing EE and RE discussed
- Access to various sources of financing; tapping into commercial financing
- Role of the state in making EE and RE projects viable
- Importance of capacity building to develop bankable projects



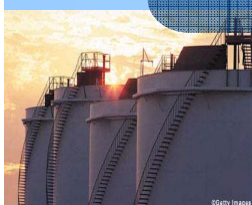
International Energy Efficiency Forum Outcomes (continued)



- Specific examples presented: case studies in buildings sector (Croatia, Serbia); EE funds (Bulgaria, Thailand)
- Experience in financing and implementing projects: IFC, EBRD, EADB, Conning Asset Management, Norsk Energi, ICF International and Renaissance Finance International
- Policy reforms are directly connected with the potential for investments in EE and RE projects
- Large and diverse RE potential in the CIS countries could have important benefits for the environment, energy security and the economy
- Proposal to make the International Energy Efficiency Forum a regular event



Second International Energy Efficiency Forum, 14-16 September 2011, Dushanbe



**Co-organizers: UNECE, ESCAP, UNDP,
Government of Tajikistan**

**Cooperation with other EE21 projects (GEE21,
Development of RE policies in CIS)**

**Background document:
ECE/ENERGY/WP.4/2011/3–ECE/ENERGY/WP.4
/GE.1/2011/5**

**Website:
http://www.unece.org/energy/se/pdfs/eneff/enef_f_ahge_17/ECE.ENERGY.WP.4.2011.3_5_e.pdf**

**Side event at the 7th Ministerial Conference
Environment for Europe, 21-23 September 2011**



Thank you for your attention !



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