



UNECE and ESCAP Efforts in Promoting Energy Efficiency

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International Training Course on Business Planning for Energy Efficiency Projects
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Energy Efficiency 21 (EE21) Programme

Launched in 1991

2012-2015 – eighth 3-year phase

Long-Term Objective:

To enhance regional cooperation on energy efficiency market formation and investment project development to reduce greenhouse gas emissions in economies in transition

Projects:

- Eight sub-regional and interregional projects and interdivisional cooperation activities
- Synergies between projects of the EE21 Programme





Financing Energy Efficiency Investments for Climate Change Mitigation (FEEI) Project

Long-Term Objective:

Promote an investment environment for self-sustaining energy efficiency and renewable energy projects to be developed and financed to reduce greenhouse gas emissions

Activities:

- Source of financing with dedicated investment funds
- Institutional and policy reforms
- Trainings to help establish bankable project proposals
- Establishing network of energy efficiency managers

12 participating countries:

2 European Union countries: Bulgaria, Romania

5 South-Eastern European countries: Albania, Bosnia and Herzegovina, Croatia, the former Yugoslav Republic of Macedonia, Serbia

5 countries of Eastern Europe and Central Asia: Belarus, Republic of Moldova, Kazakhstan, Russian Federation, Ukraine

Website: <http://feei.info/eng/background>





Financing Energy Efficiency Investments for Climate Change Mitigation (FEEI) Project

Project Milestones:

- *Publications Investor Interest and Capacity Building Needs and Regional Analysis of Policy Reforms to Promote Energy Efficiency and Renewable Energy Investments. The beneficiary countries are implementing the recommendations developed in these studies*
- *Three International EE Forums, a number of Policy Seminars and Workshops*
- *Case Studies: 12 in the Regional Analysis; 11 developed by the participating countries*
- **Capacity building activities: several business development courses**
- *A candidate lead investor and investment fund manager for the future investment fund has been identified*
- *The countries and the Investment Fund Designer have collected information on over 400 potential projects for financing from the future fund.*
- *Network of local teams of energy efficiency managers in the participating countries; fully functional website for the project: <http://feei.info/eng/background>*
- *The Mid-term Evaluation of the FEEI Project gave an overall assessment of the project as moderately satisfactory and recommended the project supporting institutions to resume disbursement of funds for successful completion of the project.*





Training Seminars on Business Planning of Energy Efficiency and Renewable Energy Projects



Regional training seminars:

- Kiev, Ukraine (27-28 April 2011)
- Skopje, the former Yugoslav Republic of Macedonia (29-30 June 2011)

Country-oriented training seminars:

- Tomsk, Russian Federation (17-18 June 2010);
- Almaty and Astana, Kazakhstan (March-April 2012);
- Dnipropetrovsk, Ukraine (11-12 April, 2012)





Global Energy Efficiency 21 (GEE21) Project

Launched in 2008 – support from Russian Federation

First project – *Global Energy Efficiency 21: Cooperation between the United Nations Regional Commissions on Energy Efficiency for Climate Change Mitigation* – **successfully completed in 2011**

*Publication **Financing Global Climate Change Mitigation***

Global Strategy for Energy Efficiency Market Formation to Mitigate Climate Change

Two on-going projects:

A. Analysis of Advanced Technologies in Energy Efficiency and Renewable Energy in the Framework of Global Energy Efficiency 21 Project and Preparations of Recommendations on its Application with Special Emphasis on Central Asian Region (supported by Russian Federation)

B. Promoting Energy Efficiency Investments for Climate Change Mitigation and Sustainable Development (funding from UN Development Account)





GEE21 – UN Development Account Project

Promoting Energy Efficiency Investments for Climate Change Mitigation and Sustainable Development (2012-2014)

- Implemented by five UN Regional Commissions (UNECE – lead agency)

Objective

- Capacity building for development of EE investment projects. It will assist UN RCs to strengthen capacities of their member states to attract investments in EE projects in the context of climate change mitigation and sustainable development.

Expected accomplishments

- a) Improved capacity of national project developers, energy experts and middle-level managers in developing countries and countries with economies in transition to develop energy efficiency investment projects in private and public sectors;
- b) Improved regulatory and institutional framework for promotion of new financing mechanisms for energy efficiency projects;
- c) Increased financing for investments in energy efficiency projects, including through innovative financing mechanisms.





GEE21 – UN Development Account Project

Promoting Energy Efficiency Investments for Climate Change Mitigation and Sustainable Development (2012-2014)

Main activities

- **Five regional trainings** in project development, finance and business planning
- **Development of an investment project pipeline** (inventory of energy efficiency project proposals)
- **Five regional workshops** to analyze investment project pipeline
- **Fifteen case studies** on the experience of policy reforms
- **Five policy seminars** focusing on policy reforms to promote financing of energy efficiency investments
- **End-of-the-project global workshop** to bring together officials from the regions along with major domestic and foreign investors to encourage greater investment flows into the EE projects





National Case Studies of Policy Reforms to Promote Energy Efficiency Investments

- Experience in practical implementation of policy reforms
- Thorough analysis of good practices and bottlenecks in the field of EE project financing and implementation
- Examples of direct social, environmental and financial benefits coming from a specific project or series of projects, which were a result of specific policy reforms
- Potential for promoting successful policies more widely on a national basis
- Recommendations for adoption of a similar approach in neighbouring countries





Third International Forum: Energy for Sustainable Development

Third International Forum: Energy for Sustainable Development

12-14 September 2012
Kyrgyzstan, Issyk Kul Lake

Plenary sessions

- High-Level Round Table: Policy reforms and disabling favourable environment for sustainable energy
- Energy efficiency in buildings and in housing sector
- Financing energy efficiency and cleaner energy

Workshops:

- Workshop 1:** Legal and regulatory frameworks to promote energy efficiency and cleaner energy in North and Central Asia
- Workshop 2:** Energy efficiency in buildings
- Workshop 3:** Foreign direct investments (FDI) in Advanced Fossil Fuel Technologies
- Workshop 4:** Case studies on energy efficiency (EE) financing and promotion of advanced energy efficiency technologies





Fourth International Forum: Energy for Sustainable Development

- **17-19 September 2013, Tbilisi, Georgia**
- **Co-organizers: Government of Georgia, UNECE, ESCAP, and UNDP**
- **High-Level Round Table**
- **Financing energy efficiency and cleaner energy**
- **Energy efficiency in buildings and in housing sector**





Fourth International Forum - Workshops

Parallel Workshops

- **Workshop 1: Policies and Legislation to Promote Energy Efficiency and Clean Energy Technologies in the Caucasus region**
- **Workshop 2: Policy Reforms to Promote Financing Energy Efficiency Investments**
- **Workshop 3: A Road Map to Energy Efficient Residential Sector**
- **Workshop 4: Sustainable Energy Challenges and Opportunities in Transition Countries**





Thank you for your attention!

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