



# UNECE and ESCAP Efforts in Promoting Energy Efficiency

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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.*





# 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







# Training Seminars on Business Planning of Energy Efficiency Projects



## Regional training seminars:

- Almaty, Kazakhstan (3-4 April 2013)
- Istanbul, Turkey (20-21 June 2013)
- Organized jointly with CAEESP/USAID (in Almaty) and UNDP (in Istanbul)
- Over 80 project developers and owners from 23 countries trained
- 18 presentations on progress in developing project proposals
- Workshop planned in early 2014





## Enhancing Synergies in the CIS National Programmes on Energy Efficiency and Energy Saving for Greater Energy Security



### Main Objective:

To enhance synergies among the CIS countries promoting energy efficiency and energy saving improvements in order to strengthen countries' energy security and competitiveness

### Expected Accomplishments:

- (a) Analysis of existing national energy programmes and their application in CIS countries in the context of potential mutual cooperation
- (b) Improved capacity of CIS countries to implement policies and practices on energy efficiency and energy saving improvements and to enhance regional energy cooperation





# Thank you for your attention!

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