



Energy Efficiency 21 Programme

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Working Party on Gas, 23rd session
Geneva, 22 January 2013





Committee on Sustainable Energy

- Energy Security Dialogue
- Working Party on Gas
- Gas Centre
- **Energy Efficiency 21 Programme**
 - Group of Experts on Energy Efficiency Investments for Climate Change Mitigation
 - Group of Experts on Global Energy Efficiency 21 (GEE21)
- Ad Hoc Group of Experts on Cleaner Electricity Production
- Ad Hoc Group of Experts on Coal Mine Methane (CMM)
- Group of Experts on Harmonization of Fossil Energy and Mineral Resources Terminology





Energy Efficiency 21 (EE21) Programme

- Launched in 1991 as Energy Efficiency 2000 – currently in the eighth three-year phase (2012-2015)
- Improve Capacities and Networking
- Energy Efficiency Policy Reforms
- Financing Energy Efficiency Investments





EE21 Programme Plan 2012-2015

Eighth 3-year phase of the Project

General Objective

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





23rd session of EE21 Steering Committee

- Reviewed implementation of the projects of the EE21 Programme (2009-2012)
- Proposed continuation of existing projects and inclusion of new projects into eighth three-year phase of the EE21 Programme (2012-2015)





EE21 Projects 2012-2015



- Financing Energy Efficiency and Renewable Energy Investments for Climate Change Mitigation (FEEI)
- Global Energy Efficiency 21 (GEE21):
 - 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
 - Promoting Energy Efficiency Investments for Climate Change Mitigation and Sustainable Development
- Enhancing Synergies in Commonwealth of Independent States (CIS) National Programmes on Energy Efficiency and Energy Saving for Greater Energy Security Energy
- Enhancing Energy Security and Improving Access to Energy Services through Development of Public-Private Renewable Energy Partnerships
- Mitigating Climate Change through Attracting Foreign Direct Investment in Advanced Fossil Fuel Technologies
- ATLETE II – Appliance Testing for Washing Machines Energy Label & Ecodesign Evaluation

• Energy Efficiency in Housing





Third International Forum: Energy for Sustainable Development

Capacity building for energy efficiency and access to cleaner energy
in Central Asia and neighbouring regions

Kyrgyzstan, Issyk Kul Lake, 12-14 September 2012

Co-organizers:

Government of the Kyrgyz Republic, UNECE, ESCAP, and UNDP/GEF

Participants:

Over 130 from 22 countries

UNECE EE21 Projects:

- Financing Energy Efficiency and Renewable Energy Investments for Climate Change Mitigation (**FEEI**)
- Global Energy Efficiency 21 (**GEE21**) – two subprojects:
 - 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
 - Promoting Energy Efficiency Investments for Climate Change Mitigation and Sustainable Development
- Mitigating Climate Change through Attracting Foreign Direct Investment in Advanced Fossil Fuel Technologies
- Energy Efficiency in Housing (interdivisional cooperation activity)





Third International Forum: Energy for Sustainable Development

Plenary Sessions (Day 1):

- Session 1: **High-Level Round Table. Policy reforms and creating favourable environment for sustainable energy**
- Session 2: **Energy efficiency in buildings and in housing sector**
- Session 3: **Financing energy efficiency and cleaner energy**

Parallel Workshops (Day 2):

- 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 financing and promotion of advanced energy efficiency technologies**





Issues of Financing EE at the Forum

Session 3: **Financing energy efficiency and cleaner energy**

- Keynote presentations by representatives of the World Bank, IEA and ESCAP consultant
- Panel discussion with participation of representatives of IFIs, banks, other financial institutions, business sector and international organizations

Workshop 4: **Case studies on energy efficiency financing and promotion of advanced energy efficiency technologies**

- Keynote presentation (UNDP) on best practices in energy efficiency in Europe and CIS
- 3 case studies (Montenegro, Azerbaijan and Tajikistan) and subsequent panel discussions (by subregion)
- Presentations on potential application of advanced EE&RE technologies in Central Asia at the panel discussion on advanced EE&RE technologies





Resolution of the Forum

Highlights:

- Pivotal role of governments and national and regional policy in promoting sustainable use of energy
- Critical role of the private sector in implementing projects in the area of sustainable use of energy, energy efficiency and access to cleaner energy
- Special role that the UN system and in particular UNECE, ESCAP, and UNDP play in promoting sustainable development
- Significant role of international financial institutions, international organizations and donor countries, in attaining progress in sustainable use of energy, energy efficiency and wider access to cleaner energy
- Need to strengthen international cooperation in the energy field in Central Asia and neighbouring regions in line with the Rio+20 outcome document
- Further improving the investment climate in the region, including through the development of financial mechanisms stimulating implementation of the projects in sustainable use of energy, energy efficiency and wider access to cleaner energy





Resolution of the Forum

Highlights (continued):

- Importance of ensuring an appropriate energy mix through increased use of cost-effective renewable energy and more efficient consumption of fossil fuels
- Improving energy efficiency in the housing sector may become one of the main directions of international cooperation
- Important role of the cities in practical implementation of the energy conservation programmes and mitigating climate change impacts
- Setting forth the tariff systems flexibly responding to current social and economic trends due to special role of pricing mechanisms in promoting sustainable use of energy
- Sustainable use of energy, improved energy efficiency and wider access to cleaner energy are an important component of energy security
- Education and training of skilled professionals in the energy area are prerequisites for sustainable development
- **Participants called upon UNECE, ESCAP and UNDP to continue holding such Fora on a regular basis and recommended to convene the next Forum in 2013**





Forum Materials on the UNECE website

Forum website:

<http://www.unece.org/index.php?id=29476>

- Forum Outcomes: Resolution and Summary
- Final Agenda
- Presentations
- Media Coverage





Thank you for your attention!

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