



# Outcomes of the Third and Fourth International Fora: Energy for Sustainable Development

Oleg Dzioubinski  
Energy Efficiency 21 Programme Manager  
UNECE Sustainable Energy Division

24th session of EE21 Steering Committee  
Geneva, 12-13 November 2013





## Background on the Third Forum

- **International Energy Efficiency Forum, 28-30 September 2010, Astana, Kazakhstan**
- **Second International Energy Efficiency Forum, 12-14 September 2011, Dushanbe, Tajikistan**
- **Side event at the 7th Ministerial Conference Environment for Europe, 21-23 September 2011, Astana, Kazakhstan**
- **Decisions to make the Forum a regular event**
- **Cooperation with ESCAP and UNDP; internal cooperation within UNECE**
- **Close cooperation with governments of host countries**
- **Overriding topics: promotion of investments in energy efficiency and renewable energy; energy efficiency in buildings**





# 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





# Forum: Cooperating Agencies and Projects

## 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)





# Agenda and Main Topics of the Forum

## 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





# Background on the Fourth International Forum: Energy for Sustainable Development

- International Energy Efficiency Forum, 28-30 September 2010, Astana, Kazakhstan
- Second International Energy Efficiency Forum, 12-14 September 2011, Dushanbe, Tajikistan
- Side event at the 7th Ministerial Conference Environment for Europe, 21-23 September 2011, Astana, Kazakhstan
- Third International Forum: Energy for Sustainable Development, 12-14 September 2012, Issyk Kul Lake, Kyrgyzstan
- Decisions to make the Forum a regular event
- Cooperation with ESCAP and UNDP; internal cooperation within UNECE
- Close cooperation with governments of host countries
- Overriding topics: promotion of investments in energy efficiency and renewable energy; energy efficiency in buildings





# Forum: Cooperating Agencies and Projects

## Fourth International Forum: Energy for Sustainable Development

17-19 September 2013, Tbilisi, Georgia

### Co-organizers:

Government of Georgia, UNECE, ESCAP, and UNDP

### Participants:

Over 210 from 28 countries

### UNECE EE21 Projects:

- RPTC Project: Capacity building workshop “Policy Reforms to Promote Financing Energy Efficiency Investments” and Session on Financing Energy Efficiency and Cleaner Energy
- 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
- Enhancing Synergies in CIS National Programmes on Energy Efficiency and Energy Saving for Greater Energy Security
- Energy Efficiency in Housing (interdivisional cooperation activity)





# 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: Achieving sustainable energy development through policy reforms and international cooperation
- Plenary sessions:
  - Energy efficiency in the housing sector
  - Investments in energy efficiency and cleaner energy projects in the context of climate change mitigation and sustainable development





# Agenda and Main Topics of the Forum

## Plenary Sessions (Day 1):

- Session 1: *High-Level Round Table: Achieving sustainable energy development through policy reforms and international cooperation*
- Session 2: Energy efficiency in the housing sector
- Session 3: Investments in energy efficiency and cleaner energy projects in the context of climate change mitigation and sustainable development

## Parallel Workshops (Day 2):

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





## Forum Materials on the UNECE website

### Forum website:

<http://www.unece.org/index.php?id=32843>

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





# Resolution of the Forum

## Highlights:

- Forum as an important platform for discussing the energy and sustainable development in the European and Asian regions and a substantive input into enhanced regional energy cooperation
- Pivotal role of governments and national policy for fostering sustainable energy development
- Special role of business sector for practical implementation of international, regional and national initiatives in the area of energy, including for development of infrastructure, enhancing cross-border energy trade, and increasing energy efficiency
- Importance of public participation for sustainable energy development, especially for improvement in energy consumption patterns
- Special role of the United Nations system organizations in promoting sustainable development in the European and Asian regions
- Significant role of international financial institutions, international organizations and donor countries for sustainable energy development, and in particular for implementation of large infrastructure projects necessary for ensuring sustainable use of energy





# Resolution of the Forum

## Highlights (continued):

- One of the major aims of sustainable development in the energy sector in the countries of the European and Asian regions is securing sustainable balance between supply and demand of energy
- Make every effort to improve transparency, predictability and stability of energy markets in the European and Asian regions
- Significance of further improving the investment climate in the countries of the European and Asian regions
- Increase in energy efficiency in buildings is one of the major opportunities on the way towards sustainable use of energy in the European and Asian regions
- Significance of setting forth the tariff systems flexibly responding to current social and economic trends
- Education and training of skilled professionals in the energy area are indispensable prerequisites for sustainable development
- Creation of joint information resources and knowledge sharing systems on legal and regulatory frameworks, public participation, financial mechanisms, public-private partnerships and successful projects aimed at promoting energy efficiency and renewable energy development in the region







# Resolution of the Forum

## Highlights (continued):

- Necessity of strengthening cooperation mechanisms on energy among the states of the European and Asian regions in order to better coordinate national energy policies
- Encourage development and implementation of joint hydropower projects for electricity generation to facilitate grid connectivity and trade in energy
- Developing harmonized cross-border energy infrastructure may become one of the areas for energy cooperation in the European and Asian regions
- Developing breakthrough technologies in the energy sector may become one of the important directions of international cooperation
- Welcome the outcomes of the First Asian and Pacific Energy Forum (APEF) held in Vladivostok, Russian Federation, in May 2013
- Gratitude for the excellent organization of the Forum to the Government of Georgia and also to the United Nations Economic Commission for Europe (UNECE), the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), and the United Nations Development Programme (UNDP)
- **Called upon UNECE, ESCAP and UNDP to continue holding such Fora on a regular basis and recommended to convene the next Forum in 2014**





# Thank you for your attention!

**Oleg Dzioubinski**

EE21 Programme Manager

Economic Affairs Officer

UNECE Sustainable Energy Division

+41 22 917 2360

[oleg.dzioubinski@unece.org](mailto:oleg.dzioubinski@unece.org)

<http://www.unece.org/energyefficiency.html>

