



Economic Commission for Europe

Energy Efficiency 21

**14th Session of the Committee on Sustainable Energy
Geneva, 30 June 2005**

Energy Efficiency 21

- Background
- Financing Energy Efficiency Investments for Climate Change Mitigation
- Recent Developments
- Next Steps

Background

- Energy Efficiency Investments for Climate Change Mitigation
- 1999-2005
- US\$ 2 million UN Foundation & Partners
- Belarus, Bulgaria, Kazakhstan, Russian Federation and Ukraine

Background

- US\$ 60 million in 30 Business Plans
- Potential 368,000 tonnes / year CO₂
- US\$ 9.7 million financing approved in Belarus, Bulgaria, Russia, Ukraine
- Financed Projects 49,000 tonnes / year CO₂

Background

- Carbon Emissions Trading Handbook
- Guide to Investors in Energy Efficiency and Climate Change Projects
- Promoting Energy Efficiency Country Reports
- Website 55,000 Visits per year

Long-Term Objective

Financing Energy Efficiency Investments for Climate Change Mitigation

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

Countries

Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Kazakhstan, Former Yugoslav Republic of Macedonia, Russian Federation, Romania, Serbia & Montenegro, Moldova, Ukraine and RENEUER

Objectives

- Identify and develop investment projects
- Strengthen energy efficiency and renewable energy policies
- Promote opportunities for banks and commercial companies to invest in energy efficiency projects

Develop Investment Projects

Identify, develop, finance and implement demand side and supply side energy efficiency investment projects

- Network of Energy Efficiency Managers
- Trained Experts
- Investment Project Pipeline

Strengthen Energy Policies

Assist municipal and national authorities to introduce economic, institutional and regulatory reforms that support investment projects

- Broad analysis policy reforms and case studies
- Senior Decision Maker Seminars
- Policy Advisory Services

Energy Efficiency Investments

Promote investment opportunities in energy efficiency and renewable energy projects through a professionally managed Fund

- Investment Fund
- Investment Project Development Standards
- Investment Project Pipeline Inventory

Energy Efficiency Investments

2000-2003

- Training Courses
- Business Plans
- Policy Reforms
- Project Finance
- Investments

2003-2006

- Investment Fund
- Project Criteria
- Policy Reforms
- Training Courses
- Business Plans

Energy Efficiency Investments

- May 2003 Seminar on Financing
- Recommended Financing Mechanism
- May 2003 Steering Committee
- Requested Bureau and Secretariat
- Project Plan (2003-2006) and Fund
- Proposals UNF, MAE FFEM, UNEP GEF

Financing Investments

- Public Private Partnership
- Dedicated Fund
- SwissRe, IXIS Bank, EE Capital, EBRD
- Project Selection Criteria
- EE21 Project Preparation
- Disseminate Experience to Network

Financing Investments

- Investment Fund Size USD 250 million
- Leverage Investment Volume x 3 or 4
- USD 10 million = 50,000 tonnes Carbon/year
- Total Investment = 5 million tonnes Carbon/year

Recent Developments

- United Nations Foundation
US\$ 2 million June 2004
- French Ministry of Foreign Affairs /
French Global Environment Facility (FFEM)
€ Euro 2 million March 2005
- Global Environment Facility UNEP – GEF
US\$ 3 million 2005

Next Steps

- Complete GEF Project Document
- Nomination of National Coordinators
- Confirmation In-Kind Contributions
- Project Meeting 22-23 September
- Approval Project Document
- First half 2006 Project Operations Begin