



Economic Commission for Europe

Energy Efficiency 21

Steering Committee Meeting

Geneva, 29-30 May 2006

Agenda Item 3. Recent Developments

Recent Developments

Energy Efficiency Investment Project
Development for Climate Change
Mitigation 2000-2005

Project Goal

- **General Objective**

To promote an investment environment in which self sustaining energy efficiency projects can be identified, developed and implemented by local teams in municipalities or in energy efficiency demonstration zones.

- **In Eastern European and CIS Countries**

Belarus, Bulgaria, Kazakhstan, Russian Federation, and Ukraine

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Financial Resources

- UNF US \$500,000 grant and Co-financed grant of US \$750,000.
- Public Funds – State and municipal budgets
- Grants – World Bank, GEF; UNDP; UNEP; EU; USAID
- Lending – EBRD; World Bank

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Objectives of the Project

- Objective 1:** Develop communications and skills in 15 locations in the private and public sectors at the local level
- Objective 2:** Strengthen energy efficiency policies in the five participating countries
- Objective 3:** Promote opportunities for commercial banks and companies to invest in energy efficiency projects

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Objective 1: Activities

Develop Communications and Skills

- Workshops and training courses on financial engineering and business planning for system managers
- Local teams in municipalities and experts trained
- Project website: www.ee21.net

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Objective 1: Outputs

Develop Communications and Skills

- A network of energy efficiency managers in 22 municipalities of 5 countries (20 training sessions)
- 150 Trained Experts in Project Development, Finance, Business Planning (6 training courses of 3 sessions)
- 61 business plans developed for a total USD 60 million (530,000 tonnes CO2 emissions avoided per year)

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Objective 2: Activities

Strengthen Energy Efficiency Policies

- Energy efficiency and security study of Eastern Europe and CIS
- Study of national energy conservation policies
- Workshops
- Conferences

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Objective 2: Outputs

Strengthen Energy Efficiency Policies

- Publications:
 - *Guide for the Promotion of Energy Conservation Regulations in Economies in Transition, ES 16*
 - *Carbon Emissions Trading Handbook, ES 20*
 - *Reforming Energy Pricing and Subsidies, ES 21*
- Seminars and workshops on Energy Security, EE, Energy Conservation and Security Threats
- 15 Energy Efficiency Demonstration Zones

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Objective 3: Activities

To promote opportunities for commercial banks and companies to invest

- Training Course on Financial Engineering and Business Planning
- Guide for Investors on EE in 5 countries
- Appraisal for a future establishment of an Investment Fund

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Objective 3: Outputs

To promote opportunities for commercial banks and companies to invest

- Publications (in 2005-2006 only):
 - *Financing Energy Efficiency and Climate Change Mitigation - Investors Guide, Energy Series N. 28*
 - *Financing Energy Efficiency Investment Projects – CD-Rom, Energy Series N. 30*
 - *Experience of International Organizations in Promoting EE, 5 country rep., Energy Series N. 22-26*

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Objective 3: Outputs

To promote opportunities for commercial banks and companies to invest

- Seminar hosted on Financing Energy Efficiency Investments
- 61 energy reduction project proposals with total amount of US\$ 60 million (530,000 tonnes CO2 emissions avoided per year)
- 18 projects financed for US\$ 14.9 million
- 136,000 tonnes of CO2 estimated annual reduction

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United Nations Foundation Leveraging Financial Resources

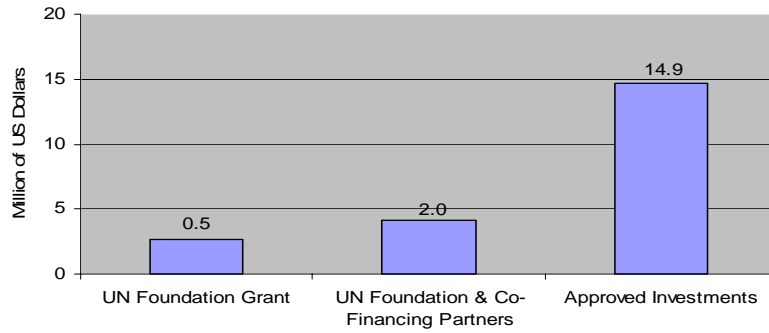


Figure 1. UN Foundation Grants, Co-Financing and Investments in Eastern Europe

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Achieving Carbon Emissions Reductions

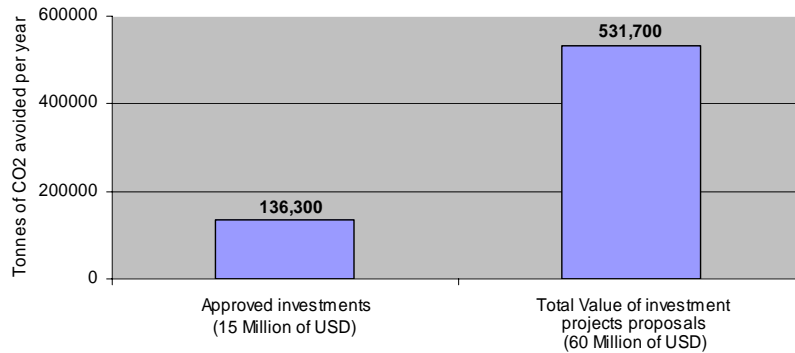
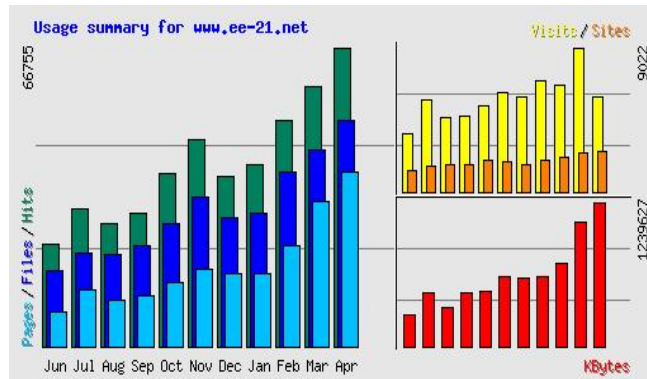


Figure 2. Annual Carbon Emissions Reductions from Approved and Potential Energy Efficiency Investments

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EE 21 Website Usage Jun'05-Apr'06



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EE 21 Website Usage Statistics

Summary by Month: July 2005 - April 2006

Month	Daily Avg				Monthly Totals				
	Hits	Files	Pages	Visits	Sites	KBytes	Visits	Pages	Files
Apr-06	2,225	1,681	1,300	197	2,546	1,239,627	5,916	39,014	50,449
Mar-06	1,874	1,411	1,043	291	2,479	1,065,593	9,022	32,342	43,769
Feb-06	1,808	1,386	801	238	2,145	710,326	6,686	22,441	38,822
Jan-06	1,305	960	527	223	1,937	594,652	6,932	16,358	29,774
Dec-05	1,226	928	524	192	1,700	593,988	5,963	16,268	28,771
Nov-05	1,543	1,112	580	206	1,903	598,572	6,191	17,415	33,377
Oct-05	1,245	881	457	172	1,988	477,112	5,345	14,197	27,316
Sep-05	992	750	382	156	1,721	456,031	4,700	11,477	22,516
Aug-05	889	661	337	149	1,675	341,115	4,647	10,460	20,492
Jul-05	992	673	410	184	1,649	458,094	5,713	12,731	20,886

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EE 21 Website - www.ee-21.net

An extensive network of energy efficiency officials, experts, business and financial counterparts in 24 participating countries linked by the website.

Interactive website usage pattern with a daily average of

- more than 200 visitors
- consulting some 1000 files
- rising to a peak of 1680 files daily during project meetings extending participation via the Internet