



**15th Session of the Working Party on Gas  
Geneva, 18-19 January 2005**

Economic Commission for Europe  
**Energy Efficiency 21**

**- EE21 -**

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# Energy Efficiency 21

- The Project started in 1991 as the Energy Efficiency 2000
- Activities 2003-2006
- Recent Developments
- Next Steps

# Proposed Activities

## General Objective

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

# Proposed Activities

## Immediate Objectives

- Carbon Emissions Trading Standards
- Finance Energy Efficiency Investments
- Promote Policy Reforms & Sound Business

# Proposed Funding

- United Nations Foundation / UN Fund for International Partnerships
- French Ministry of Foreign Affairs / French Global Environment Facility (FFEM)
- Global Environment Facility UNEP – GEF

# Recent Developments

## Investment Project Portfolio

- Total Investment Projects USD 60 million
- Investment Required USD 31 million
- 368,000 tonnes/year Potential CO<sub>2</sub> Savings
- Financed Projects USD 9.7 million
- 49,000 tonnes/year CO<sub>2</sub> Savings from Financed Projects

# Recent Developments

## Selected Project Events

- October 2003 Carbon Trading E-Learning Seminar Sofia
- December 2003 Presentation EE21 Project UNFCCC COP-9 Milan – e-WARD 2003
- March 2004 – Energie Cite Martigny
- October 2004 – BISE Grenoble
- November 2004 – CEI SEF 2005, Portoroz

# Recent Developments

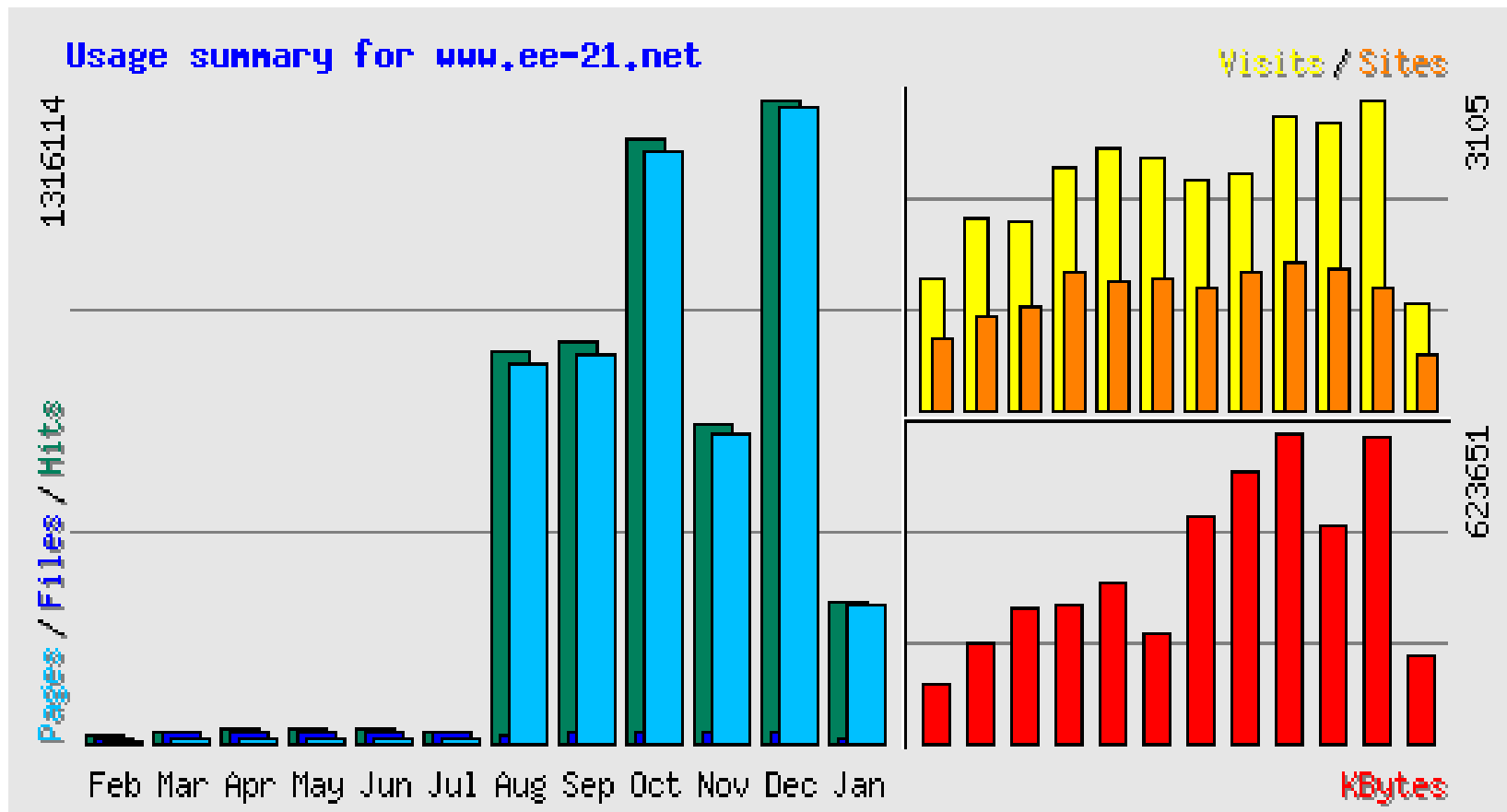
## Information Dissemination Website

- December 2004 Record Hits 42455 per day
- Record Files Downloaded November 2004 724 per day
- December 2004 Record Visits 100 per day
- Peaks in Usage Pattern Related to Meetings
- Extends Impact of Meetings

# Usage Statistics for www.ee-21.net

Summary period: Last 12 Months

Generated 3-Jan-2005 04:08 EET

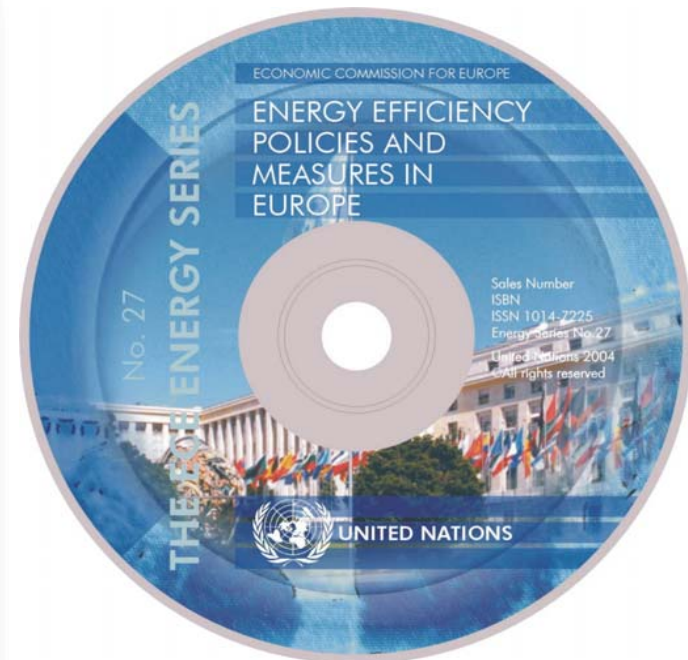
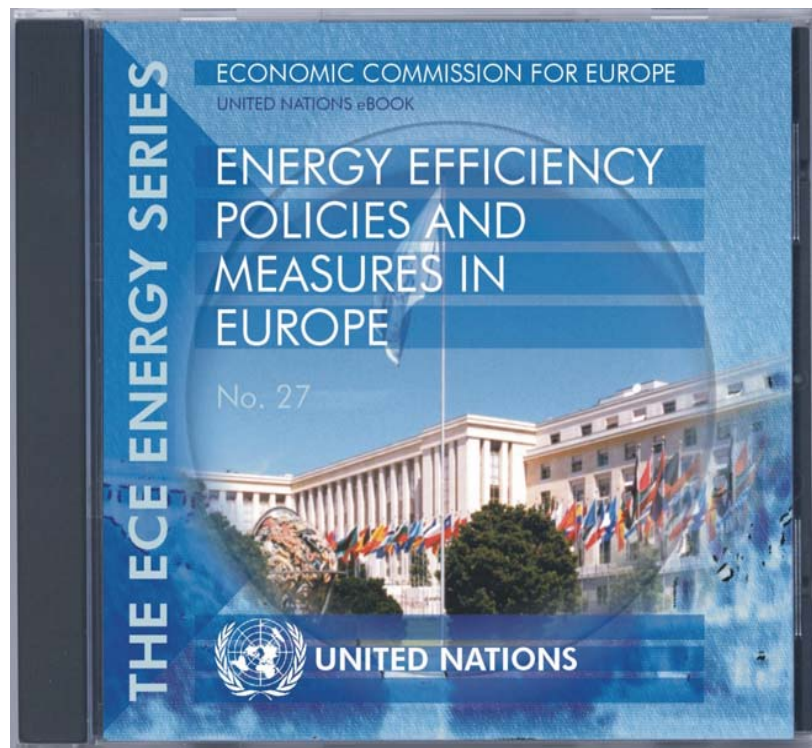


# Recent Developments

## New Publications

- Carbon Emissions Trading Handbook
- Energy Efficiency Policies and Measures in Europe
- Energy Security Risks and Financial Markets
- Experience of International Organisations in Promoting Energy Efficiency – Bulgaria, Belarus, Kazakhstan, The Russian Federation, Ukraine

# Recent Developments



# Recent Developments

## **New Publications - Continued**

- Financing Energy Efficiency and Climate Change Mitigation: A Guide for Investors in Belarus, Bulgaria, Kazakhstan, The Russian Federation, Ukraine
- Financing Energy Efficiency Investment Projects

# Energy Efficiency 21 - Next Steps

Following the approval of the United Nations Foundation in June 2004 we will:

- Complete French MAE – FFEM Process
- Promote the Full GEF Process
- GEF Focal Point Endorsements
- Develop other co-financing partnerships
- First quarter 2005 Project Operations Begin

# UN Foundation/UN Fund for International Partnership Project

- Duration: 3 years
- UN Agency: ECE, EE21 Project
- Date of Approval: June 2004
- UNF/UNFIP Funding: 2 millions US\$
- Co-financing: 4 millions US\$ 1:2 matching funds with UNF/UNFIP

## Brief description (1)

- To assist south-eastern European, eastern European and CIS countries to:
  - Enhance energy efficiency
  - Diminish fuel poverty arising from transition
  - Meet environmental treaty obligations
- To extend an earlier UNF supported project (25 mill.US\$ leveraged of financing for investments in municipal lighting, hospitals, district heating systems).

## Brief description (2)

- The project will:
  1. **Develop the skills** of private and public sectors to identify and implement renewable and energy efficiency investments projects
  2. **Provide assistance** to local authorities to introduce needed economic, institutional and regulatory reforms
  3. **Provide opportunities** for Banks and Commercial companies to invest

# Target Beneficiaries

## Primary Beneficiaries

- Energy managers utilities and industry → *enhanced skills*
- City administrators and municipal authorities → *lower fuel bills*
- Local commercial bank managers → *increased capacities to evaluate investments project proposal*
- Administrations → *support for implementing energy efficiency strategies*

## Indirect Beneficiaries

- Industrial and commercial sector consumers
- Households
- City administrators
- Hospitals
- Municipal energy management teams
- Commercial banks
- National ministries
- Energy saving fund managers
- NGO's

# Longer term Objective/Intention

- The **longer term Objective** is:
  - to promote an investment environment in which self sustaining EE and RE projects can be identified, developed, financed and implemented by local teams;
- The **intention** is:
  - to replicate successful measures nationally, in south eastern Europe, eastern Europe and CIS countries, once proven on a limited scale.

# Immediate Objectives

- The project has three immediate objectives:
  1. **Identify and develop investment projects**
  2. **Strengthen energy efficiency and renewable energy policies**
  3. **Promote opportunities for banks and commercial policies to invest**

# Objective 1: Identify and Develop Investment Projects

- **Quantified Outputs:**
  1. **A Network of energy managers in participating countries;**
  2. **Trained experts in project development, finance, business planning;**
  3. **Investment project pipeline.**

## **Objective 2: Strengthen EE and REP**

- **Quantified Outputs:**
  - 1. Economic, Institutional and Regulatory Reforms;**
  - 2. Energy Efficiency seminars;**
  - 3. Policy advisory services.**

## **Objective 3: Promote Investments**

- **Quantified Outputs:**
  - 1. Energy Efficiency Investments Funds;**
  - 2. Investment Project Development Standards;**
  - 3. Investment Project Pipeline Inventory.**