



# Economic Commission for Europe

Implementation of the Kyoto Protocol, Energy Efficiency and  
Climate Change Mitigation  
Geneva, 29 June 2005

## Energy Efficiency 21

# Energy Efficiency 21

- Background
- New Activities 2003-2006
- Recent Developments
- Next Steps

# Energy Efficiency 21

- Launched in 1991 - 4 three-year phases
- Enhance East-West Trade and Co-operation
- Improve Capacities and Networking
- Policy Reforms
- Financing Energy Efficiency Investments

# Energy Efficiency 21

- Regular Budget and Trust Fund
- US\$ 200,000 per year
- US\$ 2 million UN Foundation & Partners
- US\$ 1.75 million UN General Assembly
- € 400,000 European Commission – SAVE
- RENEUER USAID and USDOE

# Energy Efficiency 21

- 10,000 Experts, 150 Events, 43 Countries
- 250,000 m<sup>2</sup> Exhibition, 38 Locations
- Website 55,000 Visits per year
- US\$ 60 million in 30 Business Plans
- US\$ 9 million financing approved in Belarus, Bulgaria, Russia, Ukraine World Bank

# Energy Efficiency 21

- Carbon Emissions Trading Handbook
- Guide to Investors in Energy Efficiency and Climate Change Projects
- Review of Multilateral Institutions
- Energy Efficiency Standards e-Book
- Guide to Energy Efficiency Policies

## **New Activities 2003-2006**

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### **General Objective**

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

# New Activities

## Immediate Objectives

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

# Carbon Emissions Trading

- Emissions Tracking of Specific Projects
- Monitoring and Evaluation
- Develop Capacities for Kyoto Mechanisms
- Training and Disseminate Information

# Financing Investments

## 2000-2003

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

## 2003-2006

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

# Financing 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

# Policy Reforms and Sound Business

- Corporate Governance
- Institutional and Regulatory Reforms
- Support Investment Project Preparation

# 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

# Energy Efficiency 21 - Next Steps

- Steering Committee 29 June – 1 July
- Complete GEF Project Document
- Project Meeting 22-23 September
- Approval Project Document
- First half 2006 Project Operations Begin