



Economic Commission for Europe



GLOBAL ENERGY EFFICIENCY 21

*Cooperation between the UN Regional
Commissions on Energy Efficiency for
Climate Change Mitigation*

Gianluca Sambucini,
UN Economic Commission for Europe

4 June 2009



Long-Term Objective



GLOBAL ENERGY EFFICIENCY 21

Develop a more systematic exchange of experience on capacity building, policy reforms and investment project finance among countries of region of the world through their UN Regional Commission in order to promote energy efficient use improvements.

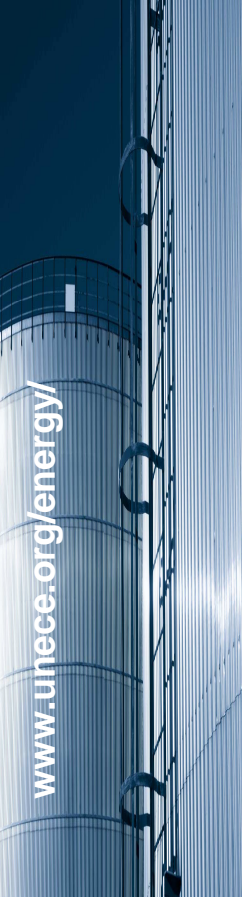




Implementing Institutions

The five **United Nations Regional Commissions:**

- Economic Commission for Europe (ECE)
- Economic and Social Commission for Asia and the Pacific (ESCAP)
- Economic Commission for Latin America and the Caribbean (ECLAC/CELPAL)
- Economic Commission for Africa (ECA)
- Economic and Social Commission for West Asia (ESCWA)



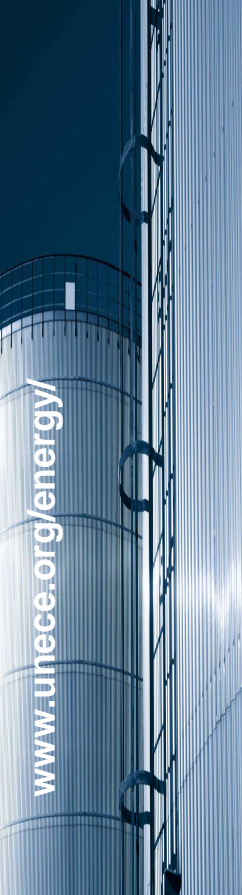
Objectives

- **Objective One.** Strengthen the participation of the 12 participating countries in the project 'Financing Energy Efficiency for Climate Change Mitigation'
- **Objective Two.** Disseminate and, if possible, extend the experience of the project in other countries



Objectives

- **Objective Three.** Increase the capacity of the UN Regional Commissions to provide effective energy efficiency services that promote the reduction of greenhouse gas emissions to member states
- **Objective Four.** Improve capacity to develop, adjust and implement a global strategy to promote self-financing energy efficiency improvements for climate change mitigation



Short-term activities

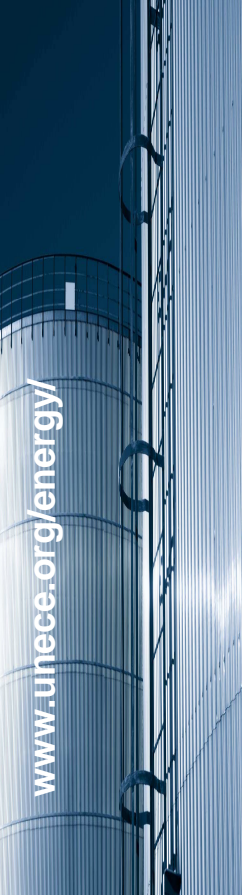
- The Russian Federation has provided extra-budgetary funds for short-term activities related to **Objectives Three and Four**.
- **Activity 3.1.** Establishment of a network of elected officers of intergovernmental bodies working on energy efficiency and climate change and the respective secretariats of the five UN Regional Commission
- **Activity 3.2.** Appraisal of the energy efficiency and the climate change work programmes with respect to activities of capacity building, energy policy reform and investment project finance



Activity 3.2



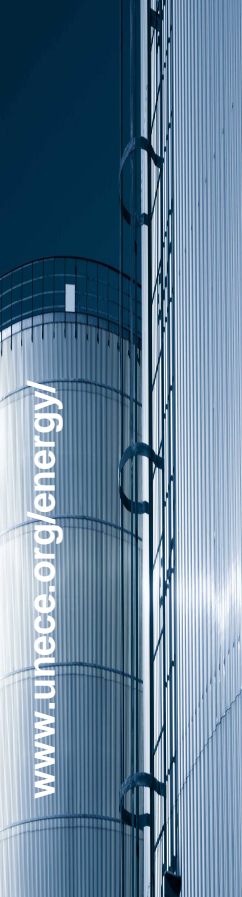
| Technical Assistance Activities | ECE | ESCAP | ESCWA | ECA | ECLAC |
|--|-----|-------|-------|-----|-------|
| Objective One: Capacity Building for the Development of Energy Efficiency Investment Projects | | | | | |
| a. Information campaigns, energy manager briefing sessions | ● | ● | ● | ● | ● |
| a. Training courses financial engineering & business planning | ● | | | | |
| a. Business development workshops on project preparation | ● | ● | ● | | |
| Objective Two: Assistance to Participating Governments with the Introduction of Energy Policy Reforms | | | | | |
| a. Regional policy analysis of energy policy reforms | ● | ● | ● | ● | ● |
| a. Case studies of energy efficiency policy reforms | ● | | ● | ● | |
| a. Senior policy maker seminars | ● | ● | ● | | |
| Objective Three: Financing Bankable Projects to Reduce CO2 Emissions | | | | | |
| a. Local commercial banks | ● | | | | |
| a. International Financial Institutions | ● | | | | |
| a. Public Private Partnership (PPP) Dedicated Funds | ● | | | | |



Activity 3.2

Background paper by senior consultant on the main programmes and financing mechanisms implemented in the world

- *“Survey of mechanisms and sources of financing for Energy Efficiency and Renewable Energy investments for climate change mitigation”*



Short-term activities

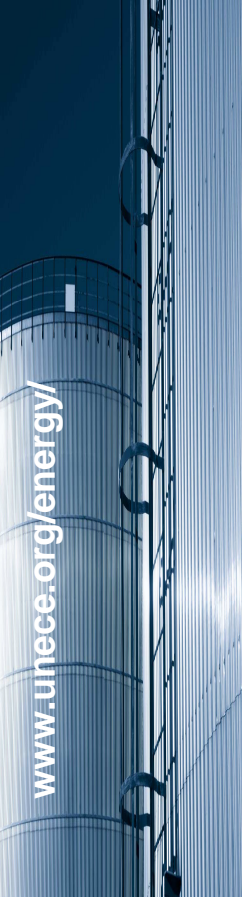
- **Activity 4.1.** Determination of common priorities and synergies between the member states and the work programmes they pursue through their UN intergovernmental bodies among the five UN Regional Commissions
- **Activity 4.2.** Development of a global strategy for the adoption of UN Regional Commissions' work programmes to promote self-financing energy efficiency improvements to raise economic productivity, diminish fuel poverty and reduce environmental air pollution as well as greenhouse gas emissions



Activity 4.1

On-going information gathering and knowledge sharing is functional to the determination of priorities and synergies:

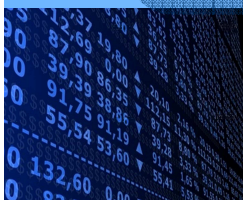
- Preliminary research on the energy efficiency situation of each region by respective Commission.
- Outline of a joint publication in the context of UN-Energy circulated.



Outline Publication

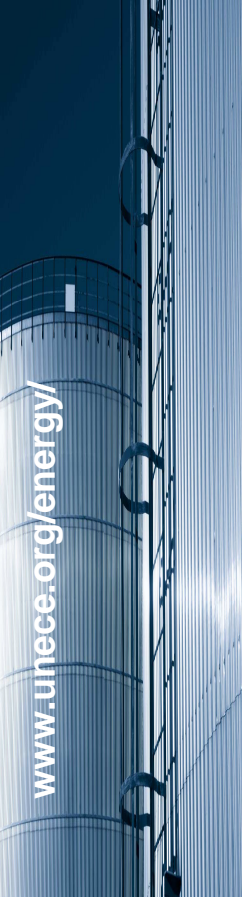
Energy efficiency programmes, activities and financing mechanisms by region: outline of needs and obstacles.

- Executive Summary
- Section 1: Introduction
- Section 2: Financing Mechanisms
- Section 3: ECA – Africa
- Section 4: ECE – Europe
- Section 5: ECLAC – Latin America & Caribbean
- Section 6: ESCAP – East Asia & Pacific
- Section 7: ESCWA – West Asia
- Section 8: Conclusion & Recommendations



Nexts steps

- Recruitment of a new staff member (Economic Affairs Officer, P-4) from UNECE regular budget
- RCs joint UN-Energy publication by the end of 2009
- Creation of an Ad Hoc Group of Experts on Global Energy Efficiency 21 to closely follow the implementation of the project



Ad Hoc Group of Experts

- Proposed as a subsidiary body of the Steering Committee of the Energy Efficiency 21 project, carried out under the auspices of the Committee on Sustainable Energy with the UNECE (executing agency for the project)
- Established to closely follow the implementation of GEE21



THANK YOU!

Gianluca Sambucini

Project Manager GEE21
Sustainable Energy Division
UN Economic Commission for Europe
Palais des Nations, Geneva

gianluca.sambucini@unece.org