Clean Air Initiative in Cities of Europe and Central Asia

Program Overview

January, 2001

EUROPE AND CENTRAL ASIA REGION
WORLD BANK INSTITUTE

The World Bank
The Current Air Quality in Many Eastern European and Central Asian Cities...
.... and the clean air they need.
Mission Statement

The Clean Air Initiative seeks to improve air quality in European and Central Asian cities by bringing together the efforts of leaders from the public and private sectors, the NGO community, research and academic institutions, government agencies and international institutions.
Why the Initiative?

Because of growing concerns about increasing air pollution, deteriorating human health, lost productivity, and quality of life in the many cities of Eastern Europe and Central Asia.

Greenhouse gas emissions on the rise in Eastern European and Central Asian cities are contributing to global climate change.

The technical knowledge and institutional experience to substantially improve the quality of urban air in a cost-effective manner are available.
The Goals

Promote the integrated development or enhancement of clean air action plans based on the participation of all relevant stakeholders.

Foster the exchange of knowledge and experiences among all partners.

Foster public participation and the active involvement of the private sector.

Increase the reach of the Bank’s operational work.
Potential Partners of the Initiative

Cities:
Almaty, Bratislava, Istanbul, Katowice, Rostov on Don, Sofia, Ostrava and other European and Central Asian cities who are committed to the Initiative’s mission statement and goals, and where the Initiative could have major impact.

Others:
Private sector
Non Governmental Organizations
Foundations
Research and training centers
Environmental agencies
Development banks and agencies
City Selection Criteria

Severity of Problem
Commitment to the program
Willingness and effectiveness of counterpart
Links with other Bank initiatives
Ability to afford and implement Action Plans
Activity by other donors
Activity of Non governmental Organizations
Level of public awareness of problem
Strategic Approach

Shared Ownership
Ownership of the Initiative rests clearly on participating cities and their development partners.

Operational Relevance
Clean Air Action Plans will contribute to identify, prepare, appraise and implement air quality management projects to be financed by the World Bank and/or other international development banks and agencies.
Strategic Approach

Integrated Approach
Between local and global pollution; among mobile, stationary, and natural sources; and within sources.

Participatory Approach
Involvement of public, private, and NGO sectors, research and training centers, and development banks and agencies.

Sustainability
Multi-annual and multi-partner program to be handed over time to regional institutions.
Integrated Approach
To Urban Air Quality Management

Improved public transport
Improved land use, transport and air quality
Management planning
Increased use of economic instruments
Promotion of clean technologies
Improved energy efficiency
Enhanced institutional performance
Environmental Education
Public participation
Components of the Initiative

City Action Plans and Workshops

Clean Air Web page and Distance Learning

Regional Program on Low Pollution, Low Carbon Technologies

Links to existing Bank research and projects under development
The Action Plans:

Will be developed or enhanced with the participation of relevant stakeholders.

Should lead to the assistance of development banks and agencies through lending and/or non lending services, and to investments from the private sector.

Will be presented, discussed and agreed upon at city workshops.
A Clean Air Web Page
This page will provide an ongoing forum for communication among cities and other stakeholders and access to up-to-date information on urban air quality management.

www.worldbank.org/cleanair

Distance Learning
Distance Learning Courses on urban air quality management will be carried out in coordination with local research and training centers.
The accelerated introduction of low pollution, low carbon technologies will be pursued through:

Inter-institutional and inter-sectional collaboration.

Innovative financing schemes, risk sharing, trade barrier reductions, harmonization of fuel and vehicle standards, increased use of economic incentives and GEF funding.
Objectives:

Further develop scope of Initiative. Initiative’s mission statement, goals, and management structure will be reviewed and agreed upon.

Endorse work program. First Year Work Program of Initiative will be further developed and agreed upon.

Form a Steering Committee comprising Initiative partners.

Obtain the financial commitments required to help implement the Initiative.
Steering Committee
Main Functions

Review Initiative’s mission statement, goals and management structure
Issue Steering Committee operating rules
Endorse annual work programs
Oversee implementation of Initiative
Carry out annual assessments
Ensure Initiative’s sustainability
Potential Sponsors

BP Amoco
British Gas
Citibank
DaimlerChrysler
Deutsche Bundesstiftung Umwelt
Dutch Government
Japanese Government
Siemens
Slovnaft
Private Sector
Examples Of Market Opportunities

AUTOMOTIVE
- Introduction of Cleaner Vehicles
- & Retrofits for Older Vehicles

ENERGY SECTOR
- Production and Distribution of Cleaner Fuels
- Improved Energy Efficiency
- Introduction of Low Carbon & Clean Technologies

CONSTRUCTION
- Improved urban transport infrastructure

EMISSIONS CONTROL & MONITORING
- Emissions & Air Quality Monitoring
- Pollution Control technologies
- Inspection & Maintenance Systems
- Air Quality Modeling

CONSULTING SERVICES
- Land Use, Transport
- & Air Quality Management Planning
- Environmental Audits

Clean Air Initiative in Cities of Europe and Central Asia
Open Lines of Communication

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Clean Air Initiative in Cities of Europe and Central Asia

Clean Air Initiative Team

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