

MDG 7

Ensure Environmental Sustainability





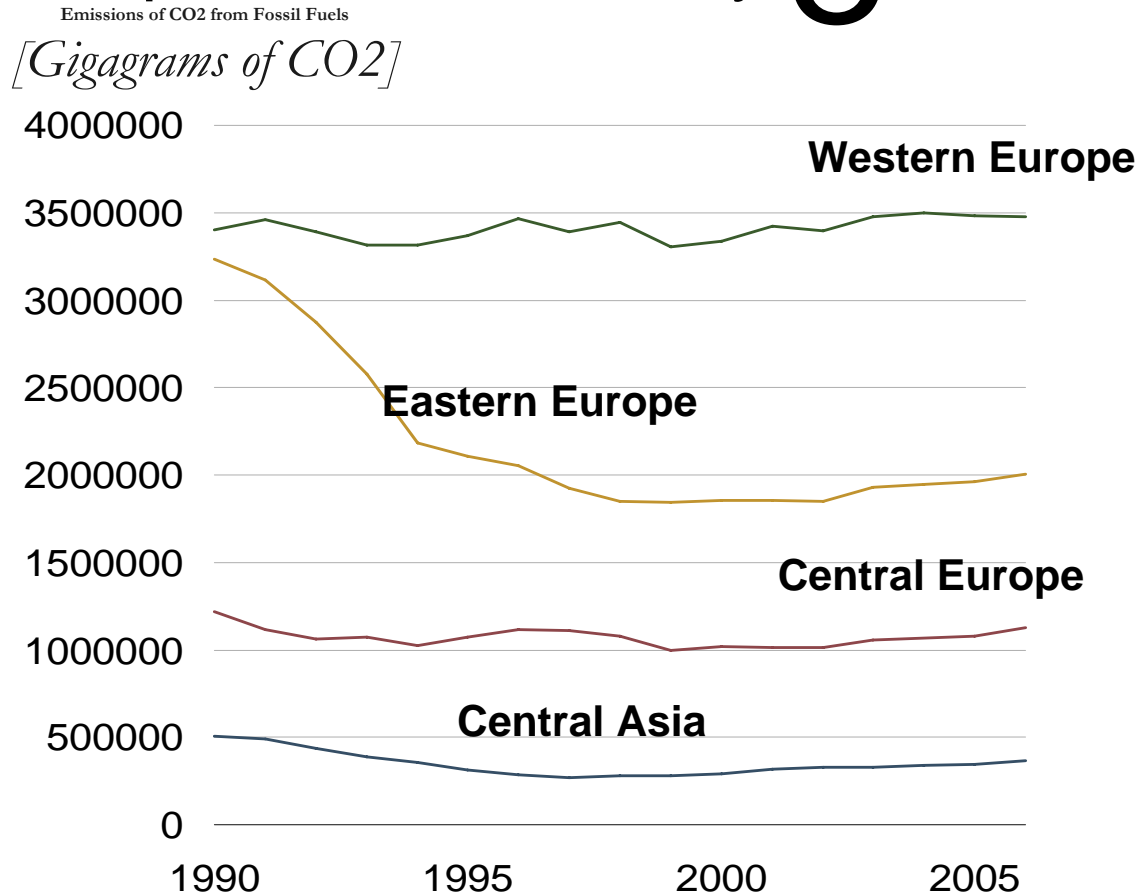
*Western
Europe*

*Central
Europe*

*Eastern
Europe*

*Central
Asia*

A European “emits” nearly 8 times as much CO₂ as an African

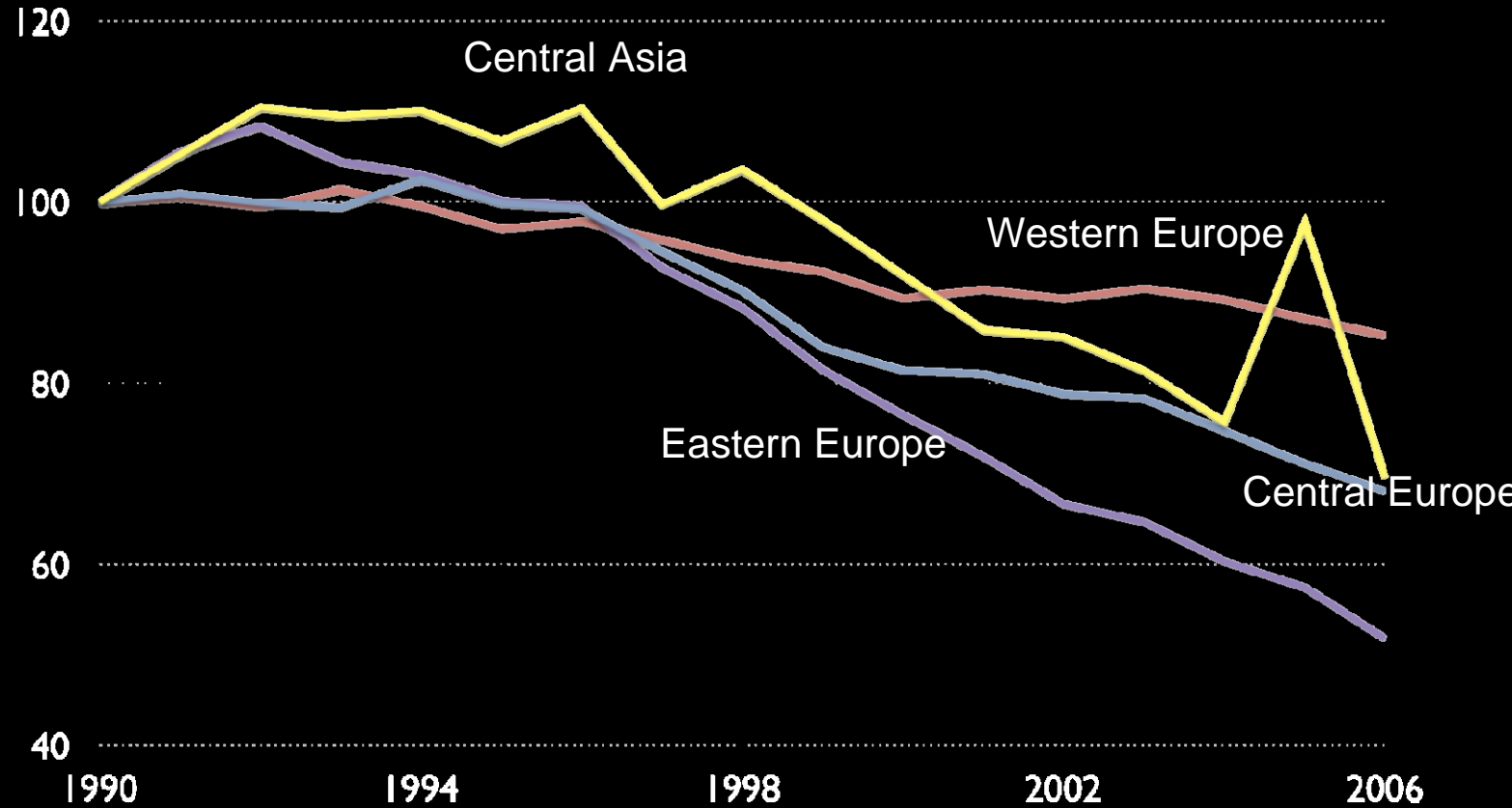


Target: Integrate the principles of sustainable country policies and programmes and reverse environmental resources

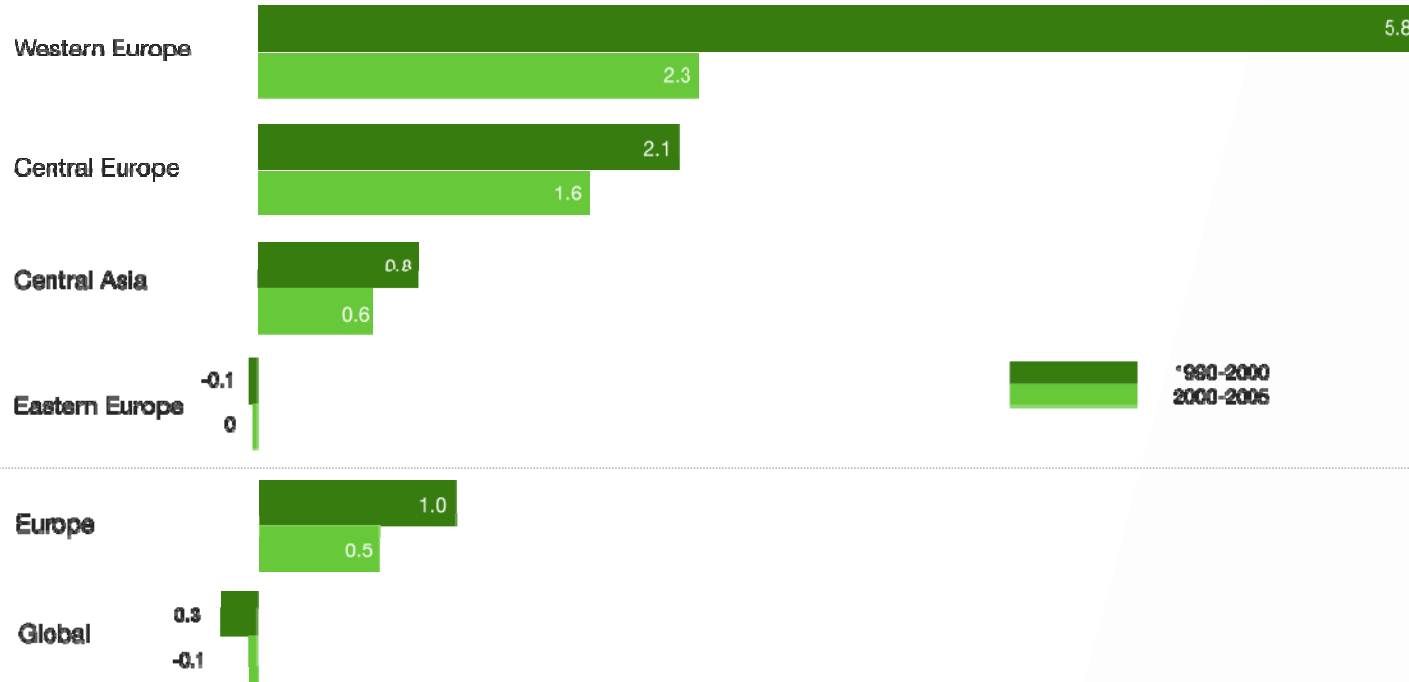


Energy Intensity largely improved in the pan-European region

Energy Use per \$1,000 GDP (Constant 2005 PPP \$)
[KOE per \$10000 GDP (PPP)]



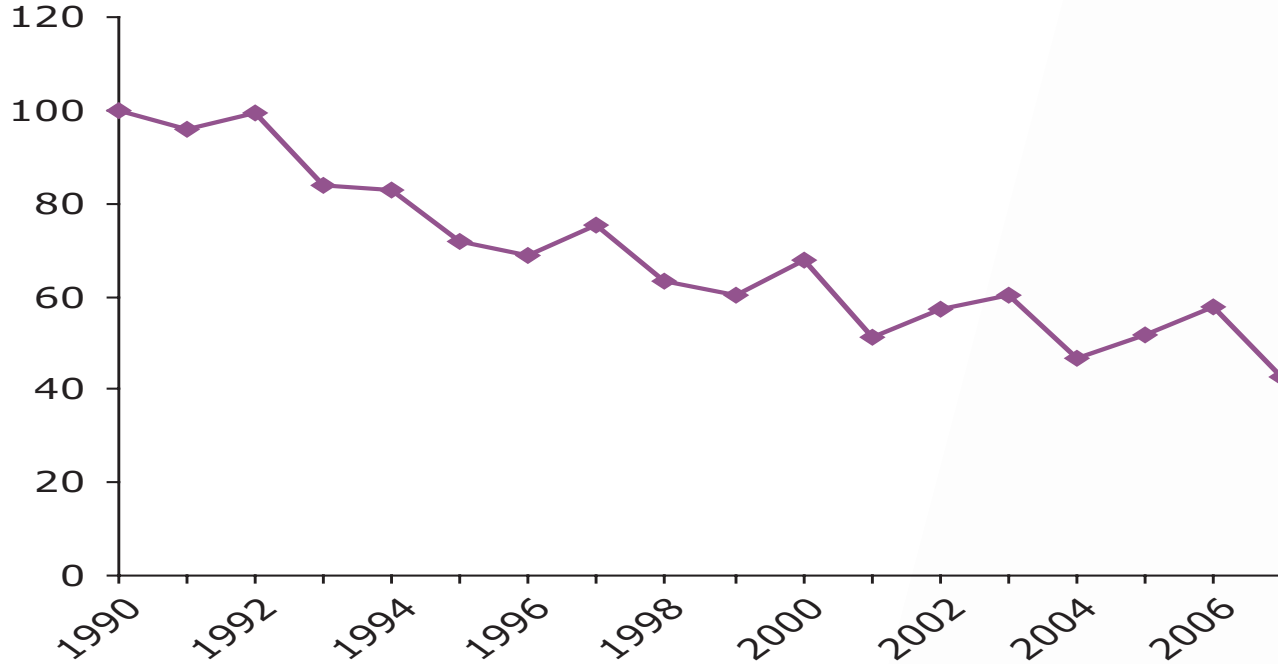
Forest cover in Europe increased by **1,2%** *between 1990 and 2005*



Target: Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss

*Grassland butterfly populations continue to decline dramatically in Europe, by **60%** since 1990*

Grassland butterflies — population index (1990 = 100)



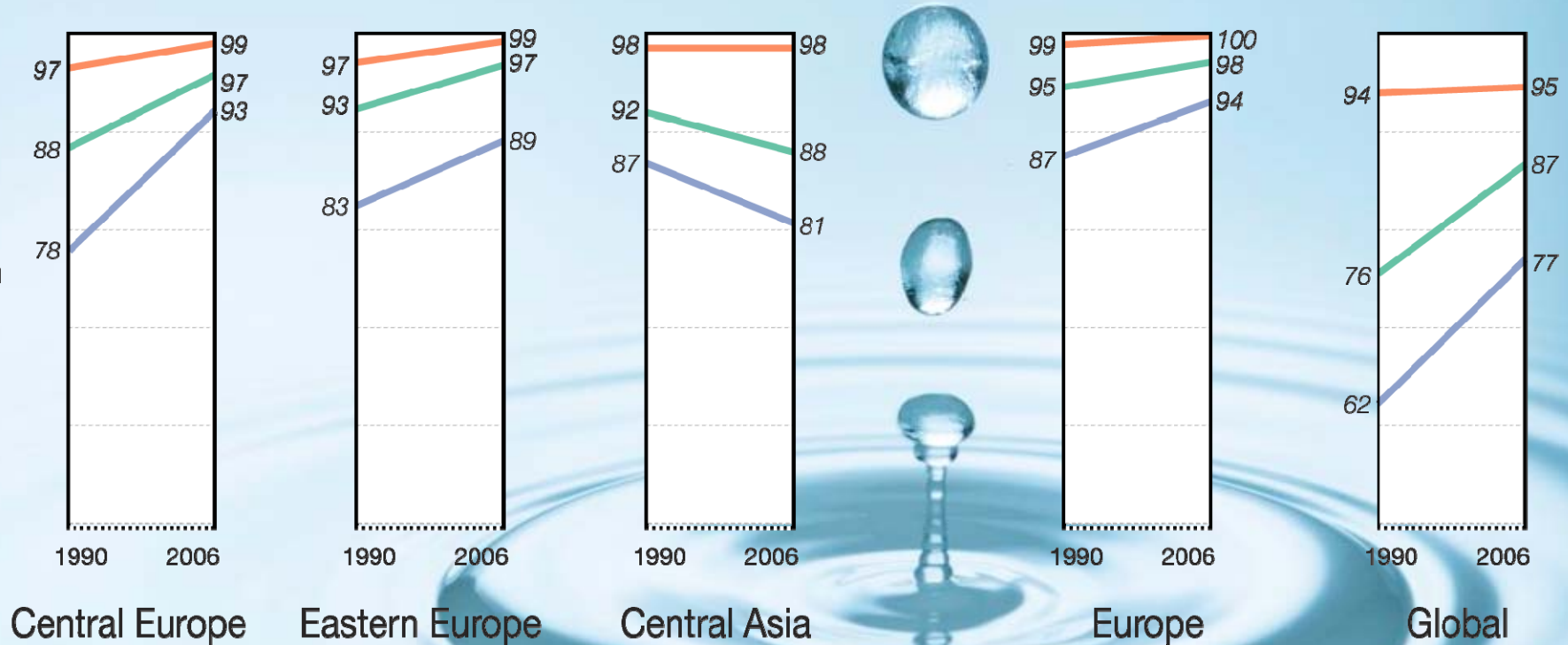
Source: European Environment Agency, 2009




13,000 children die every year in Europe for lack of access to safe drinking water (2006)

Proportion of Population with Access to Safe Drinking Water [%]

- Total
- Urban
- Rural



Target: Halve, by 2015, the proportion of people without sustainable access to safe drinking water and basic sanitation



> 50 million people
in over 15 countries are living
in ***informal settlements***

Target: By 2020, to have achieved a significant improvement in the lives of at least 100 million slum dwellers

Informal settlements

An aerial photograph of a densely packed informal settlement, showing a complex network of narrow paths and makeshift structures. A semi-transparent grid is overlaid on the image, highlighting the irregular layout of the buildings.

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- A closer aerial view of an informal settlement, showing the intricate details of the buildings and their roofs. A semi-transparent grid is overlaid on the image, illustrating the lack of formal urban planning.
- Informal Settlement policies
 - Land Management
 - Land registration systems
 - Property cadastre
 - Building regulations & inspections

Energy efficiency & CO2 emission reduction

Development of policy frameworks and monitoring of policy implementation

Spatial planning for renewable energy projects

Metering and consumption-based billing

Establishment of institutional structures

Energy tariff reforms

Provision of financial incentives for energy efficiency and renewable energy projects

Feed-in tariffs and access to power grids

Public awareness and dissemination of information

EU Action Plan for Energy Efficiency

EU Directive on Energy Performance of Buildings

Most EECCA countries have adopted Energy Efficiency programmes and legislations

The European Climate Change Programme

UNFCCC / Kyoto Protocol



Forestry / Biodiversity

- **Across ECE region: Integrated climate solutions for mitigation & biodiversity preservation**
- **Pan-Europe: Sustainable forest management in national forest laws and policy commitments**
- **Central Asia and Caucasus: Forests halting land degradation and protecting watersheds**
- **Convention on Biological Diversity (CBD)**
- **EU Wild Birds and Habitats Directive (EAP-6)**
- **Pan European Ecological Network (PEEN) / Natura2000 / Emerald**
- **Central Asia: ECONET**
- **2010 International Year of Biodiversity**

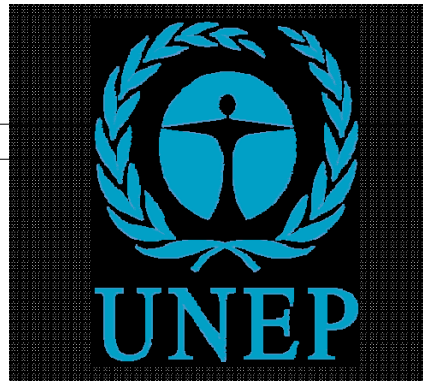


International Year of Biodiversity

Water

- **EU: Comprehensive legal framework**
- **SEE: Comprehensive policies and programmes**
- **EECCA: Water sector reform & progress on water supply & sanitation, and water management**





Green Economy Initiative (Green Jobs, Green Transport, Green Investments, Green Cities,...)

International Environmental Governance

The Economics of Ecosystem Services and Biodiversity

Delivering as One activities

Billion Tree Campaign

Global: UN-REDD

Carpathian Convention

Caspian Convention

Capacity building and technical advisory services

Territorial Approach to Climate Change

Sustainable Consumption and Production Programmes

Environment and Security Initiative

Civil Society and Youth

Assessments (GEO,...)

Support to Ministerial Processes (EfE, Environment and Health, PEBLDS)

Dinaric Arc and Danube basin programmes

UNECE's contribution

Country Housing Profiles

Green Homes

Action Plan for Energy Efficient Housing

**Energy Efficiency 21 Programme: Financing Energy Efficiency
and Renewable Energy Investments for Climate Change
Mitigation Project**

Promoting Sustainable Forest Management

Wood Energy and Mobilization (bioenergy)

Water Convention / Protocol on Water and Health

