



European Bank
for Reconstruction and Development

FOSTERING DEPLOYMENT OF LOW CARBON TECHNOLOGIES

THE EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT

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- International financial institution established in 1991 to promote transition to market economies in 34 countries from Central Europe to Central Asia
- Owned by 63 countries and two inter-governmental institutions (EU and EIB).
- AAA rated. Capital base of €30 billion, 2013: €8.5 billion finance committed (ABV)



Sound
Banking
Principles

Transition
Impact

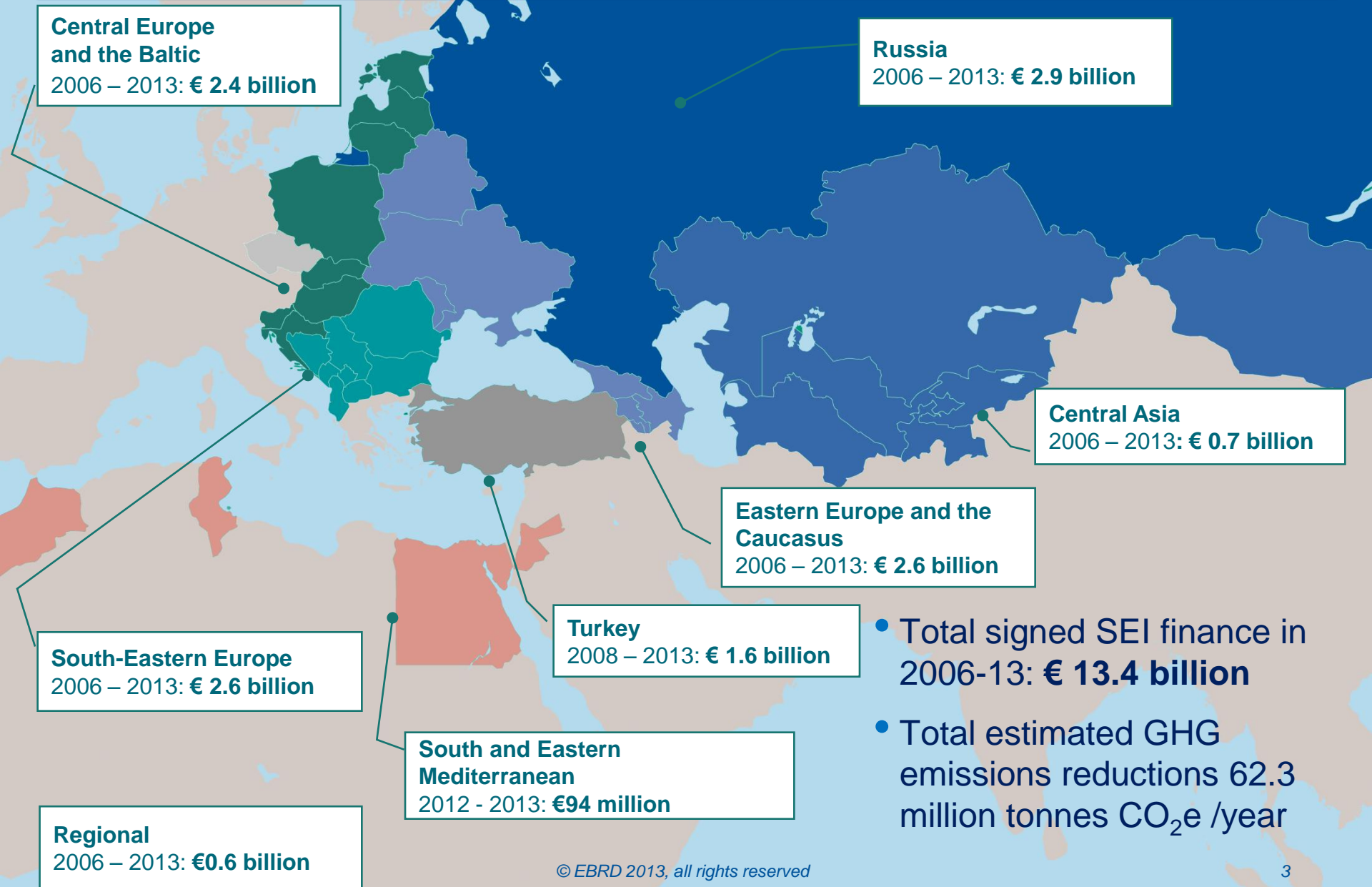
Environmental
Sustainability

- 2006: launch of the Sustainable Energy Initiative (SEI)
- 2009: the EBRD sets its own carbon emissions target
- Sustainable Energy investments now account for more than 25% of ABV

Sustainable Energy Initiative: Signed finance volumes by regions



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- Total signed SEI finance in 2006-13: **€ 13.4 billion**
- Total estimated GHG emissions reductions 62.3 million tonnes CO₂e /year

Sustainable Energy Initiative: Investment areas



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CORPORATE ENERGY EFFICIENCY

Making energy efficiency investments in energy-intensive industrial processes such as steel manufacturing, aluminium smelting, cement and glass production, as well as major transport investments, such as in railway operating companies.

SUSTAINABLE ENERGY FINANCING FACILITIES

Financing facilities through local financial institutions in countries of operations to support industrial energy efficiency in small and medium-sized enterprises, small-scale renewable energy and building energy efficiency projects.

POWER SECTOR ENERGY EFFICIENCY

Improving energy efficiency of transmission networks and thermal power stations. The ageing energy infrastructure includes a large number of plants with low generation efficiency, high running costs, and excessive pollution and carbon emissions.

MUNICIPAL INFRASTRUCTURE ENERGY EFFICIENCY

Upgrading neglected municipal infrastructure to provide efficient district heating, public transport networks and water supply systems.

RENEWABLE ENERGY

Supporting the development of renewable energy sources by providing project finance and technical assistance to shape the institutional and regulatory frameworks for renewable energy investments.

CLIMATE CHANGE ADAPTATION

Developing approaches to integrate climate risk management and adaptation into project appraisal and development with a particular focus on the private sector.

Sustainable Energy Initiative Business Model



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Projects across SEI areas

**PROJECTS AND
INVESTMENTS**

Working with governments to support development of a strong institutional and regulatory framework that incentivises sustainable energy

**TECHNICAL
ASSISTANCE**

**POLICY
DIALOGUE**

Technical Assistance (TA) to overcome barriers: market analysis, energy audits, training awareness raising, grant co-financing to provide appropriate incentives and address affordability constraints

Energy efficiency governance (IEA): 2010

Funds Co-funded by EBRD Swiss Technical Assistance Fund

Activity Assist the EBRD countries of operations to establish effective energy efficiency governance regimes.

Policy Pathways (IEA): 2011- 2013

Funds Co-funded by EBRD Shareholder Special Fund

Activity Assist policy-makers in their efforts to implement necessary policy frameworks by showcasing good-practice. Publications on the below three topic were developed: *(i) Public-private approaches to Energy Efficiency finance, (ii) Energy management programmes in industry,; (iii) Energy efficient transport systems.*

25 Energy Efficiency Policy Recommendations for SEMED (IEA): 2012- 2013

Funds Co-funded by the EBRD SEMED Multi-Fund

Activity Organise a roundtable discussion on energy efficiency policies in SEMED region and develop tailored energy efficiency policy recommendations for the region. The results of the roundtable discussions will guide EBRD's policy dialogues on energy efficiency in the region.

Gas flaring study (WB, EBRD, EU): 2011 - ongoing

Funds	Co-funded by the EBRD Shareholders Special Fund
Activity	Study aimed at reviewing the current practise of upstream oil gas flaring, the existing regulations, the existing technologies and the viable solutions for reducing flaring. Results were disseminated in the region with workshops attended by all major authorities, regulators, oil companies, technology suppliers and stakeholders.

Climate Change Adaptation Study, Turkey (IFC): 2012-2013

Fund	Co-funded by the EBRD Shareholders Special Fund and International Finance Corporation
Activity	Preparation of a study aimed to lay out a series of priority actions for Turkish businesses and guidance on how to implement concrete actions to prepare for a changing climate. The study identified and prioritised specific, market-based tools and steps to improve water efficiency in agricultural, manufacturing, municipal and building sectors. *The study was undertaken in conjunction with the Union of Chambers and Commodity Exchanges of Turkey (TOBB) and the Ministry of Environment and Urbanization (MoEU).

FINTECC Finance and Technology Transfer Centre for Climate Change: ongoing

Funding Co-funded by Global Environment Facility (GEF TF and SCCF) and the EBRD Shareholders Special Fund and other donors.

Activities The programme is aimed at facilitating climate technology transfer in the EBRD region with the initial focus on Early Transition Countries and SEMED Countries. The programme will be developed and delivered in partnership with other international organizations and institutions.

Policy Dialogue

Market
Assessment
Methodologies

Project
Assessment
Methodologies

Consolidate

Internal EBRD review

Innovate

Working with international organizations

Replicate

Framework consultancy contracts

Disseminate

Networks of the EBRD and international partners



THANK YOU



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