

Going Green: EBRD Delivering Green Economy Transition

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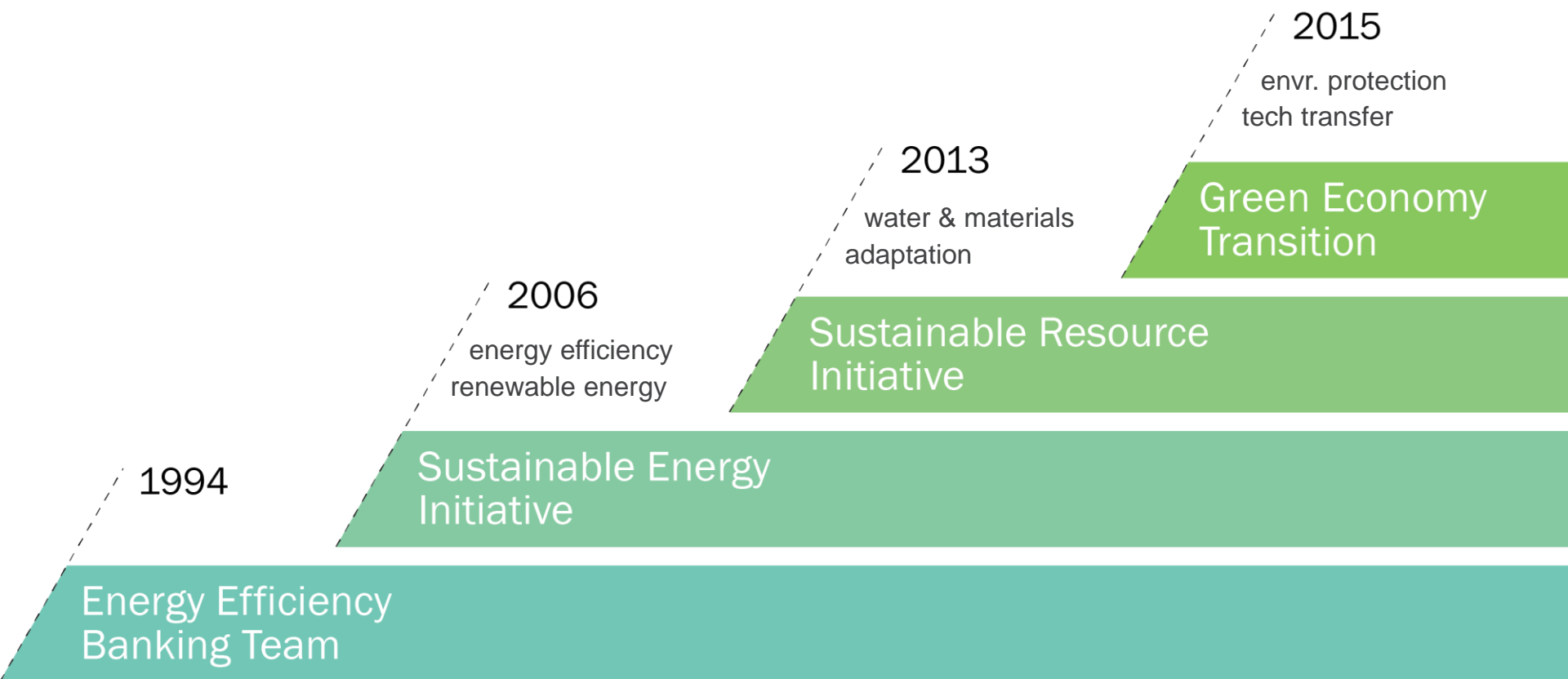
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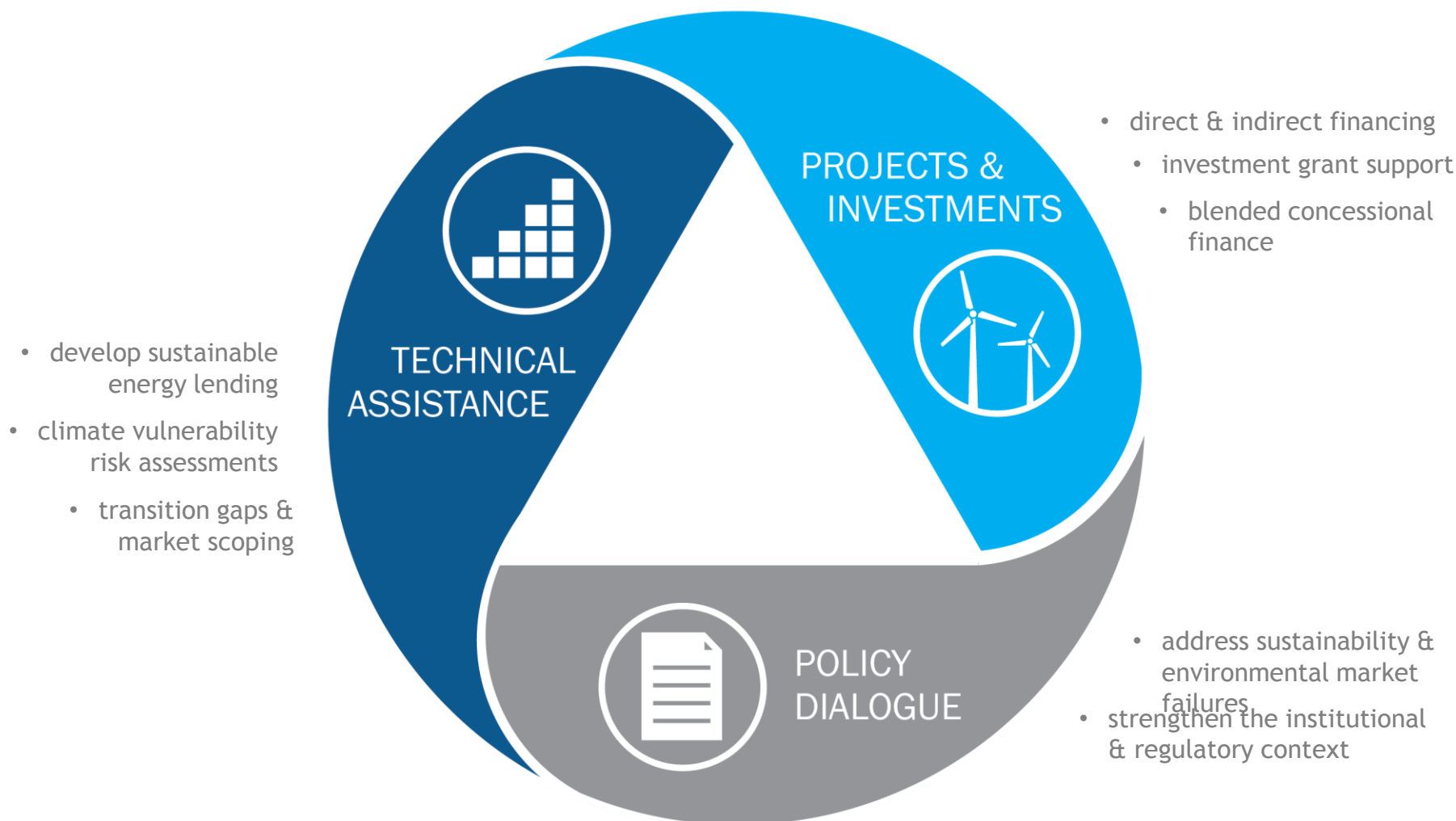
Mainstreaming green financing: EBRD strategies



Mainstreaming green financing: The business model



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Mainstreaming green financing: Financing results

€19.3 billion

cumulative EBRD green
financing 2006 - 2015

1,080 projects

with green components

30%

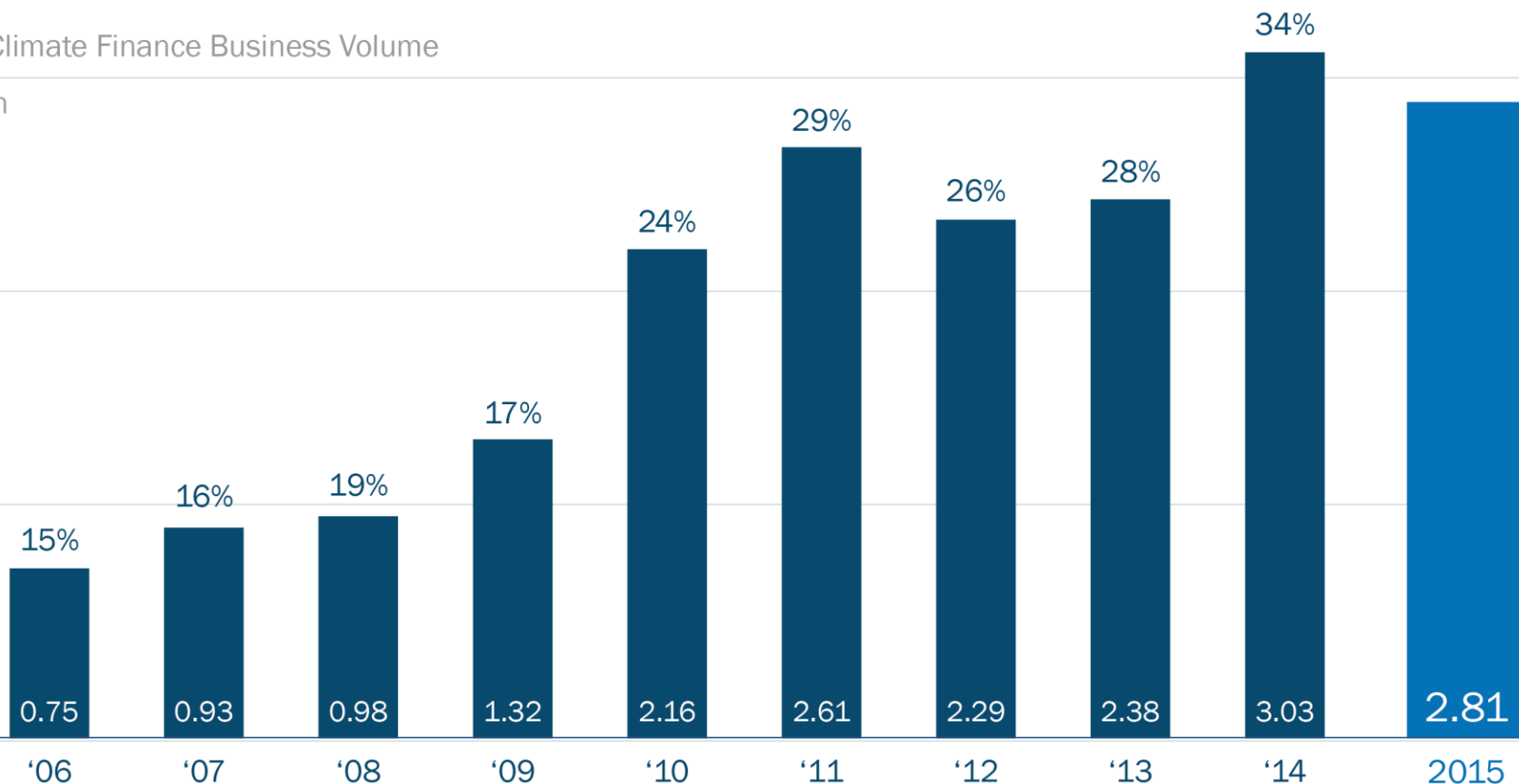
of 2015 business

EBRD Climate Finance Business Volume

3 billion

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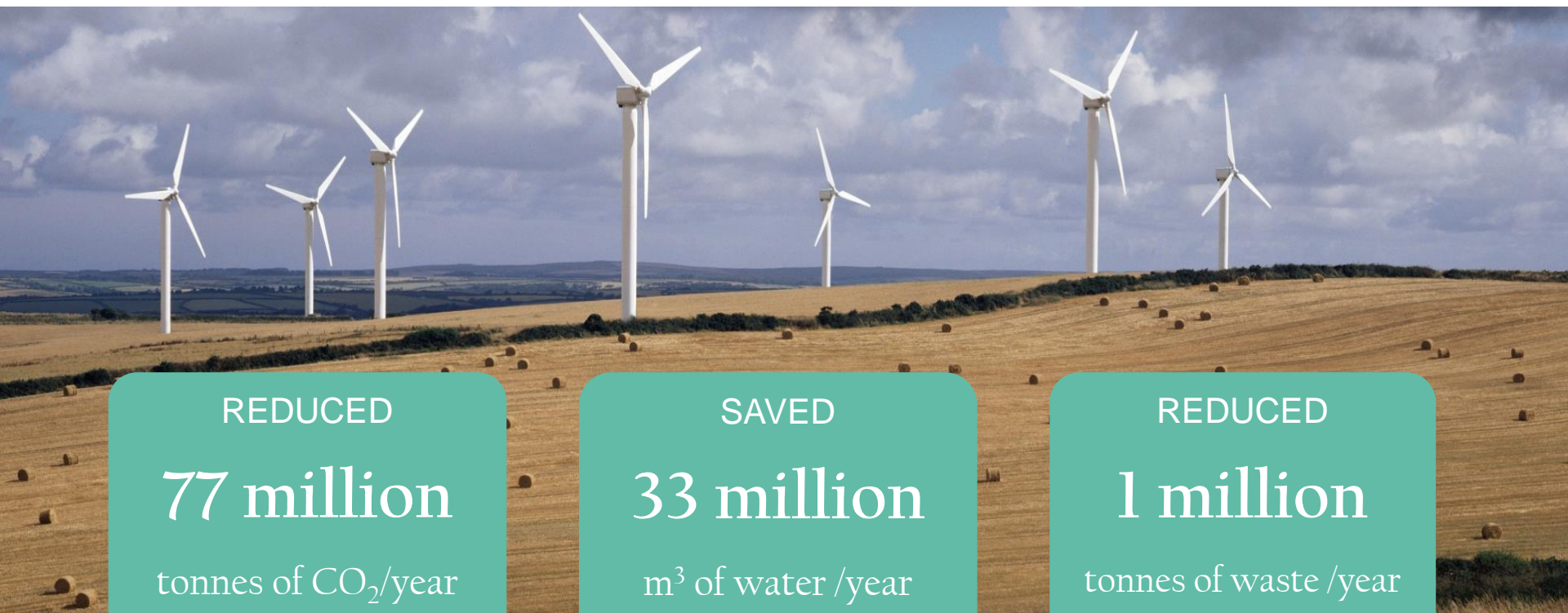
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Mainstreaming green financing: Physical impacts



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REDUCED

77 million

tonnes of CO₂/year

In 2006–2015

More than the annual energy use related CO₂ emissions of Romania or twice those of Sweden

SAVED

33 million

m³ of water /year

In 2013–2015 from 70 water efficiency projects

Equivalent to a third of the annual water consumption of the population of Prague

REDUCED

1 million

tonnes of waste /year

In 2013–2015 from 40 waste efficiency projects

Various streams of waste: metals, minerals, agricultural waste

Mainstreaming green financing: The new GET strategy

GET Aims

Scale-up Bank's activities

Broaden investments'
environmental dimensions

Engage new areas and flexible
financing channels

Mainstreaming green financing: GET aims

40%

2020 target for the share
of green finance in
EBRD annual business
(current level of 30%)

€4 billion

Target annual EBRD
green business by
2020

€18 billion

Target cumulative
EBRD green business
2016-2020



Enhancing low-carbon financing in the Caucasus

PROGRAMME

Energocredit aims to increase financial intermediation for energy efficiency and renewable energy projects in Armenia, Azerbaijan and Georgia.

Through Energocredit, the EBRD has extended credit lines to 16 banks in the three countries. The banks benefit from technical assistance in capacity building and project origination.

FINANCING STRUCTURE

EBRD credit lines to 16 partner banks	US\$ 125 million
Grant support for incentive payments from the EU Neighbourhood Investment Facility and the EBRD Shareholders Special Fund	€ 4.4 million
Technical assistance resources from the Federal Ministry of Finance of Austria, Canada, the UK and EU NIF	€ 8.6 million
Funds disbursed by banks (by end of 2015)	US\$ 72 million

RESULTS TO DATE

By end of 2015:

- 28,000 small retail and residential loans
- 20 large-scale corporate loans
- 220 GWh of estimated annual savings – equivalent to the annual energy demand of 17,000 households
- 48,000 tonnes of CO₂ of estimated annual emission reductions.



PROJECT EXAMPLE

- A juice factory in Georgia installed a new steam boiler and a new steam control system of US\$300,000 with Energocredit support
- Energy savings of 28% mean the investment has payback time of 2.3 years.

Opening up the Ukrainian renewable energy market

INTEGRATED APPROACH

The Ukraine Sustainable Energy Lending Facility (USELF) is an EBRD programme aiming to open and develop the renewable energy market in Ukraine. USELF makes available:

- EBRD debt financing for developers
- Concessional financing resources from the Clean Technology Fund.
- Institutional and policy dialogue and legal and technical assessment of individual projects funded by the Global Environment Facility, Swedish International Development Corporation and Japanese donors.

SOLAR POWER PROJECT

Support for the construction of a 4.5MW solar power plant in Southern Ukraine:

EBRD loan	€ 4.5 million
CTF concessional loan	€ 1.6 million
Sponsor equity	€ 4.7 million

Electricity generation of 5,000 MWh /year
Estimated emission reductions of 5,300 tCO₂/year



WIND POWER PROJECT

Support for the construction of a 9.9MW wind farm in the West of Ukraine:

EBRD loan	€ 7.6 million
CTF concessional loan	€ 3.0 million
Sponsor equity	€ 7.4 million

Electricity generation of 25,000 MWh /year
Estimated emission reductions of 22,000 tCO₂/year



More systematic planning of green city investments (Green City Action Plans)

More coordination and buy-in among stakeholders and donors

Mobilise resources of grant co-financing



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Contacts



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