



European Bank for Reconstruction and Development

Sustainable Energy Initiative

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To

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Mick Jagger is wrong

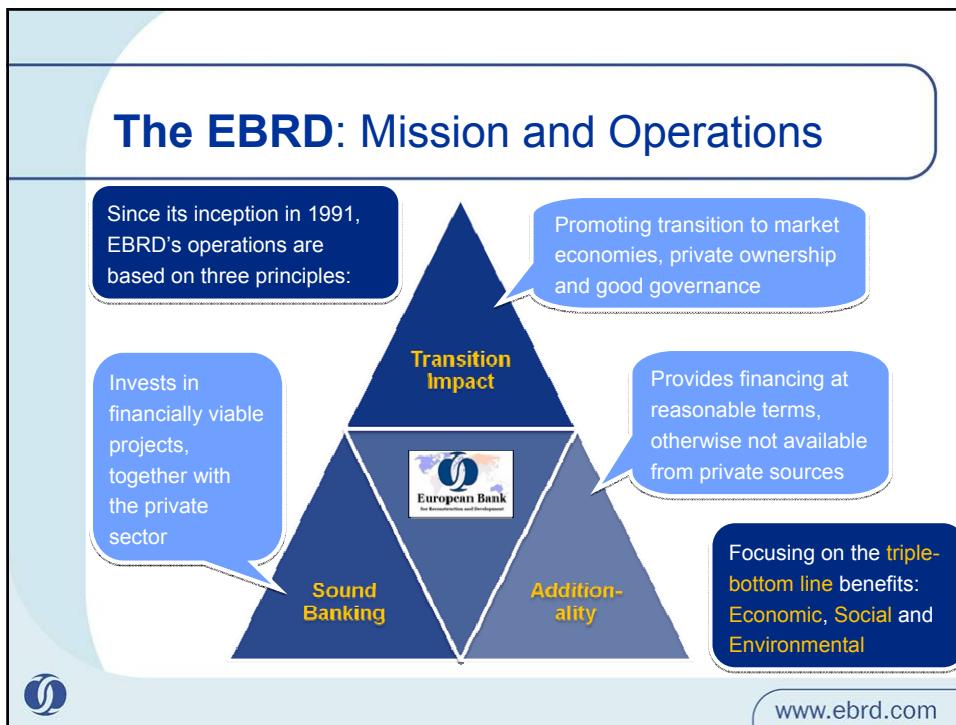


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... and right



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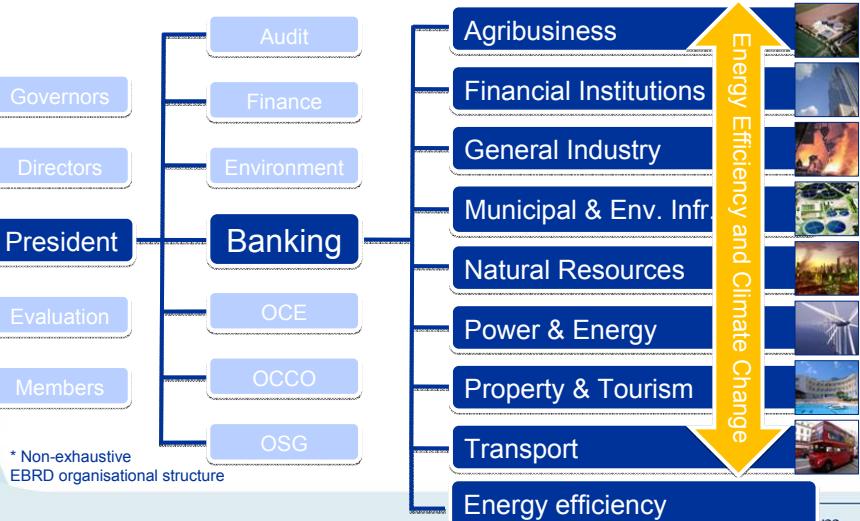
Sustainable Energy Initiative



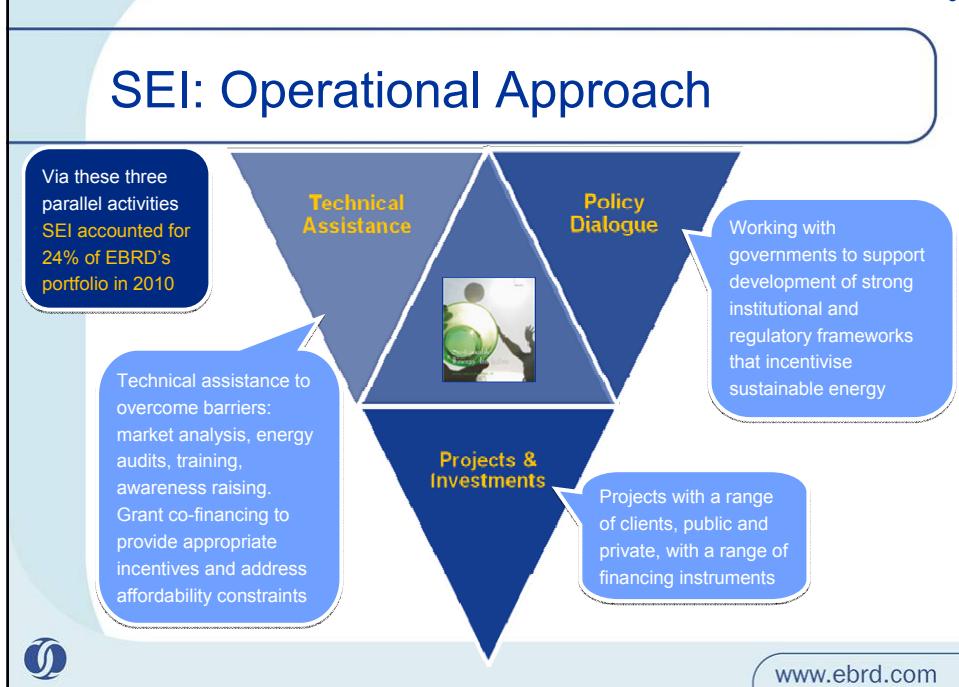
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SEI: The EE and CC team



SEI: Operational Approach



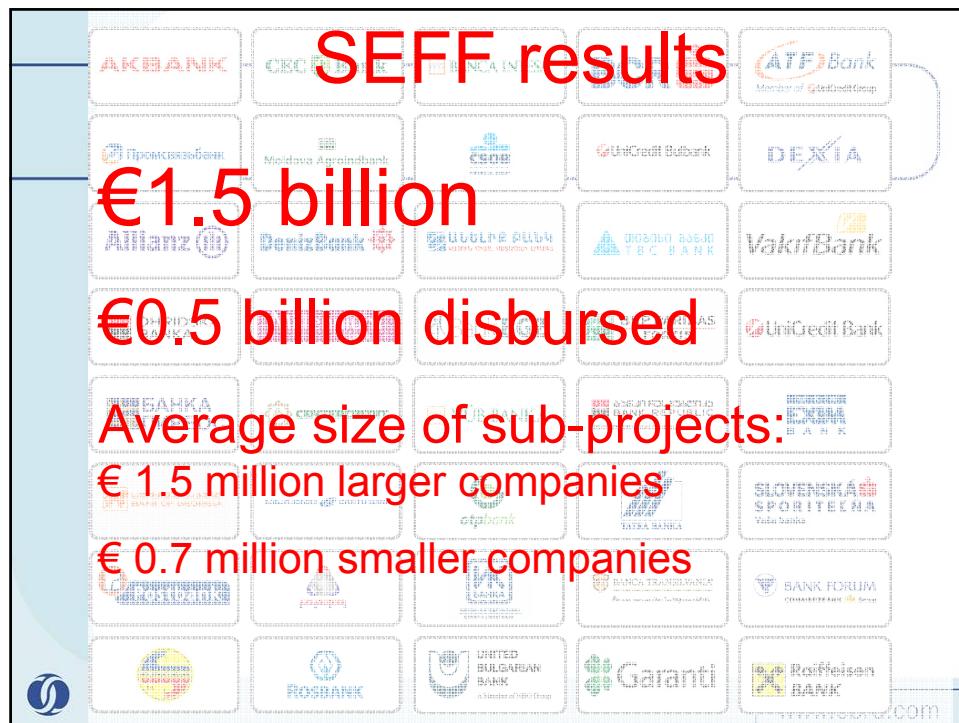
SEI: cumulative results 2006-2010

€6.6 billion

€35 billion total project value

39.6 M tonnes CO₂/year

SEI CATEGORY	SEI PHASE 1 (2006 - 2008)		SEI PHASE 2 (2009 - Q1 2011)		OVERALL SEI (2006-2010)	
	SIGNED (€ MILLION)	N. OF PROJECTS	SIGNED (€ MILLION)	N. OF PROJECTS	SIGNED (€ MILLION)	N. OF PROJECTS
SEI 1 INDUSTRIAL ENERGY EFFICIENCY	678	55	848	69	1527	125
SEI 2 SUSTAINABLE ENERGY SOURCE LINES	362	31	681	46	1043	77
SEI 3 CLEANER ENERGY PRODUCTION	1010	19	1440	31	2450	50
SEI 4 RENEWABLE ENERGY	227	14	487	14	714	28
SEI 5 INDUSTRIAL INFRASTRUCTURE ENERGY EFFICIENCY	100	5	100	5	200	10
TOTAL	2665	165	3933	203	6598	389



Example: Paper production

- Modernisation of lighting and compressed air systems and heat recovery on exhaust air
- An investment of € 500,000 saves over € 325,000 per year
- IRR > 50%



SEI Policy Dialogue

- Aims to deliver a transformational change > stand-alone projects.
- Since 2008 dedicated resource within the E2C2 team with the role to:
 - Increase bilateral operation-related policy dialogue
 - Support SEI by linking policy to financial facilities
 - Provide operational link to multilateral funds such as GEF and Climate Investment Funds
- Range of 'products'. Assistance with:



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SEI Policy Dialogue - outcomes

- Bulgaria Renewable Energy Action Plan Submitted on time 2010
- Legal changes to building regulations in Moldova
- GEF project on energy efficiency in public buildings and apartment buildings in Russia
- Improvements in renewables legislation in Kazakhstan
- Signed 6 SEAPs
- Clean Technology Fund supported climate finance projects under implementation in:
 - Ukraine (Renewables)
 - Turkey (Energy Efficiency Credit Line)
 - Kazakhstan (District Heating Modernisation)
- Considerable increase in number of assignments reflecting increased capacity (2008: 1; 2010: 12)



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SEI Policy Dialogue - examples

Moldova/Kyrgyzstan building regulations

- request to assist on revision of building standards for new buildings, which were based on Soviet-era regulations.
- EBRD contracted consultants funded by SSF with close involvement by the E2C2 buildings engineer to ensure EU Directive standards are being transcribed into legislation, such as certification and inspection regime.
- Government bodies accepted proposed legal text and text is now in inter-ministerial hearing.
- Bank is considering follow up with intermediated finance facility for residential sector in both countries

Kazakhstan Renewable Energy Legislation

- Provided input from EBRD staff into early drafts of renewables law
- Country request for further assistance - consultants were put in place to draft secondary legislation
- Secondary legislation was adopted by government and implemented
- Constructive long-term engagement expected to lead to renewable energy project financing within next 18 months



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Conclusions

- EBRD – delivering sustainable energy investments in eastern Europe and central Asia
- Sustainable Energy Initiative has a €6.6billion track record
- Policy dialogue is critical to market transformation
- Beware listening to the Rolling Stones!



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Thank you
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