



Financing projects & Refinancing Funds

**Expert Workshop - Valorising the Experience of European
Support to Technology Transfer for the Enhancement of Technology Transfer
System under the UNFCCC**

Matthias Zöllner

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How does the EIB promote technology transfer?

- Mainstreaming Energy Efficiency in all projects
- R&D finance (10-11bn EUR for Knowledge Economy equivalent to 15-20% of total lending volume)
- Factoring in economic price for GHG emissions (today € 25 rising to € 45 in 2030)



More favourable conditions for climate change mitigation projects (up to 75% of project cost)

- ❖ Energy efficiency
- ❖ Renewable Energy
- ❖ Industries to produce renewable energy equipment and production of biomass for energy
- ❖ GHG reduction projects in other sectors
- ❖ Adaptation projects



Support of Emerging vs. Mature Renewable Energy Technologies

- Mature
 - On-shore Wind
 - Hydropower
 - Use of Biomass for electricity generation
 - Geothermal
 - Solar for heating/hot water
- Emerging
 - Solar Photovoltaic
 - Concentrated Solar
 - Off-Shore Wind



Technical Assistance

- Technical Assistance as grant for project preparation
- Climate Change technical Assistance facility (CCTAF)
 - EUR 5 million
 - Conditional loan - reimbursable once a project has been registered by the CDM Executive Board
 - Funding available for some or all of the carbon asset development activities - from carbon credit pre-feasibility study to validation and registration



The EIB Carbon Funds General objectives

- Increase investments in low-carbon and clean technologies in developing/transition countries
- Enhance the carbon market
- Procure quality carbon credits for European compliance buyers



Multilateral Carbon Credit Fund (MCCF)

- Co-sponsored and managed by EBRD and EIB
- Subscribed participation 150 m EUR
- Sovereign and private participants
- Purchase of project-based Carbon Credits in EBRD borrowing countries from projects financed by either EBRD or EIB and Green Investment Schemes



Carbon Fund for Europe (CFE)

- Co-sponsored and managed by World Bank and EIB
- Subscribed participation 50 m EUR
- Sovereign and private participants
- Purchase of project-based Carbon Credits mainly in CDM countries
- Up to 40% Post-2012
- Eligible projects from either bank's portfolio or standalone projects



EIB/KfW Carbon Purchase Programme

- Fund size 100 m EUR
- Private participants: Focus on enabling EU based SMEs to access the carbon market for voluntary or compliance purposes
- Minimum contribution EUR 500,000; smaller participations accommodated through intermediaries
- Purchase of project-based Carbon Credits
- Guaranteed delivery; EIB and KfW share the project performance and carbon credit delivery risks
- Projects sourced partly from EIB and KfW portfolios



Post-2012 Carbon Fund

- ❖ Established by EIB together with CDC, ICO, KfW and NIB
- ❖ First closing with 125 m EUR, of which EUR 50 m from EIB
- ❖ Fills a gap in the current carbon market
- ❖ Will buy Post-2012 carbon credits on its own account
- ❖ Sell later, once a Post-Kyoto regime is visible
- ❖ Will enhance market value of Post-2012 credits, improve project cash-flows
- ❖ Very welcomed by project promoters
- ❖ Banks will take risk of non-development of carbon trade scheme Post-2012



It's all about risk

- Global Energy Efficiency and Renewable Energy Fund (GEEREF)
 - Fund-of-funds set up by the European Commission. Its objective is to make investments in private equity funds that focus on renewable energy and energy efficiency in developing countries
 - Target EUR 200 million
 - EIB group is adviser and *de facto* Fund Manager



Thank you!

For more information... [http://
www.eib.org/](http://www.eib.org/)

zoellner@eib.org

Tel: +352 43 79 8 65 79