

GEF's Role in Financing Technology Transfer: Innovation, Dissemination, and Partnership



World Intellectual Property Organization (WIPO) Side Event
UN Climate Change Conference
October 5, 2010, Tianjin, China



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Mandate of the GEF

- ‰ Serves as an operating entity of the financial mechanism of the UNFCCC (and other global environmental conventions)
- ‰ A partnership of 182 member countries along with the private sector and civil society
- ‰ 10 GEF implementing and executing agencies
 - MDBs: World Bank and regional development banks
 - UN agencies: UNDP, UNEP, FAO, IFAD, and UNIDO
- ‰ Provides grant and concessional financing for projects in developing countries and economies in transition that protect the global environment while promoting sustainable development



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Financing Technology Transfer to Address Climate Change

- ‰ GEF invested in about \$3 billion in over 150 countries since 1991
 - Mitigation
 - Adaptation
 - Technology Needs Assessments
 - National Communications to the UNFCCC
- ‰ Largest multilateral public-sector technology transfer mechanism
 - Financed demonstration, deployment, diffusion, and transfer of environmentally sound technologies



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Financing Innovative Technologies and Practices

- ‰ Leader in financing new, emerging low-carbon technologies
 - Hydrogen fuel-cell bus
 - Concentrating solar power
- ‰ Pioneer in promoting market-based approaches and innovative financial instruments
 - Energy service companies
 - Partial risk guarantees



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COP Mandate to GEF on Technology Transfer

- ‰ Poznan Strategic Program on Technology Transfer
 - Support for Technology Needs Assessments
 - Support for Technology Transfer Pilot Projects
 - Dissemination of successfully demonstrated technologies and know-how
- ‰ GEF-5 replenishment
 - \$4.3 billion total (six focal areas)
 - \$1.4 billion for climate change mitigation

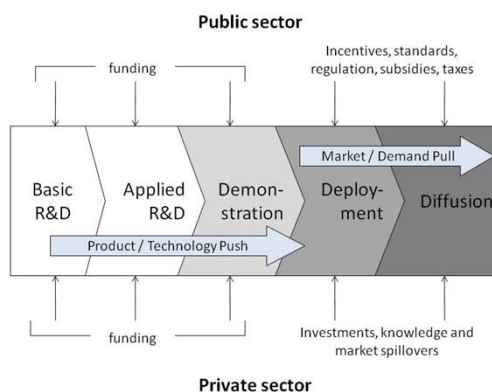


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Technology Development Cycle and Innovation Chain



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Strategic Objectives for GEF-5 (2010-14)

- % Demonstration, deployment, and transfer of innovative low-carbon technologies
- % Market transformation for energy efficiency in industry and the building sector
- % Investment in renewable energy technologies
- % Energy efficient, low-carbon transport and urban systems
- % Conservation and enhancement of carbon stocks through sustainable management of land use and forestry
- % Enabling activities and capacity building



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