Renewable Energy in Developing Countries: Moving from GET FiT to GET FiT Plus

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Private sector equity return expectations

- Will vary with country risk premium
- Social Investors 5-10% required returns
- Corporate and Institutional investors look for 8% 10% returns plus country risk premium. This can lead to a range of 15-25% in the developing world.
- This is in hard currency (US\$, Euro)



Investors essentially look for 3 key drivers in policy:



In assessing the potential success of policies, these factors should be taken into account.



Obstacles to capital deployment require strategies to overcome renewable energy barriers



Work-in-progress

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Three pillars of the GET FiT program





Technical assistance to create a market-enabled environment

UNDP proposes a four-step approach, tailored to the national context:



IV. SELECT FUNDING OPTIONS

	INTERNATIONAL	NATIONAL & SUB- NATIONAL	
Public Funds			
Private Funds			
Innovative/hybrid sources of finance			4

III. SELECT APPROPRIATE MIX AND SEQUENCE OF SUPPORT POLICIES

- Capacity development and information based instruments
- Regulations
- Tax-based mechanisms
- Early market-based development mechanisms
- Debt and equity –based mechanisms
- Market-based mechanisms

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Updated GET FiT incentive structure



Financing stream added

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GET FiT Plus considers more public finance mechanisms



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Potential public sector hybrid scenarios: PV test case

LCOE development



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Advantages and constraints of public funds for renewable energy

Source	Advantages	Feasibility and constraints
Multilateral funds	 Offers substantial leverage Builds on significant MDB experience 	 Requires allocation of additional funding from national budgets, increased headroom at MDBs, or reallocation of existing funds Administrative rules may need amendments to allow funds to flow Tenor may be limited Concentration risk will limit exposure to any one country
Bilateral funds and government support schemes	 Allows rapid implementation within a simplified political structure Builds on existing institutional experience and capacity 	 Requires allocation of additional funding from national budgets Administrative rules may need to evolve to allow funds to flow Tenor may be limited due to budget forecasting horizon Concentration risk will limit exposure to any one country or technology (especially frontier markets and emerging technologies)
In-country fiscal support	 Builds buy-in from the host country Allows for relatively rapid implementation 	 Political acceptability will vary by geography Tenor may be limited due to budget forecasting horizon Administrative rules may need to evolve to allow funds to flow
Public-private funds	 Can offer substantial leverage Can combine the capacity of the MDBs with commercial discipline from private sector Builds on experience 	 Requires increased public-private partnership and trust Concentration risk may limit exposure to any one country
Green bonds	 Promotes access to capital markets, facilitating debt finance 	 Cannot fund grant-based components Requires guarantees/credit upgrades from AAA-rated entity
CDM reform	Links financing to carbon pricing	 Will make up a small component of the overall project finance requirement Current uncertainty over future regime limits effectiveness of funding source

*Uses will include: grants for FiT premia; project finance grant; concessional financing; risk guarantees; public co-investment; technical assistance







World Climate Summit: Opportunity for dialogue and idea exchange

Evaluate options and next steps for the GET FiT concept through:

- Workshop co-hosted by DBCCA and UNEP Finance Initiative to at World Climate Summit entitled "GET FiT: De-risking Clean Energy Business Models in a Developing Country Context"
- Release of work in progress document prior to workshop to spur dialogue
- Integration of feedback from workshop and completion of first review round of working document, to which we welcome your review









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