Technology Transfer and Innovation

Joachim MONKELBAAN
UNEP Trade, Policy and Planning Unit

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A definition of Technology Transfer

“The flow of experience, know-how and equipment between and within countries, which would typically combine market and non-market based technologies.”

- UNEP Risø Centre, Overcoming Barriers to the Transfer and Diffusion of Climate Technologies
Three ways UNEP is facilitating technology transfers

• UNEP Risø Centre
• International Environmental Technology Centre (IETC)
• UNFCCC Technology Mechanism:
  – Climate Technology Centre & Network (CTCN)
  – Technology Executive Committee (TEC)
• Impact of trade disputes, AD and AS measures?
• South-South transfer
• Tech transfer -> tech collaboration
• Declining RE support (e.g. FITs) -> changing trade patterns
• ‘Complete’ innovation: also behavioral and institutional
• Connection between finance and clean tech
• Public procurement as a driver for innovation
The technology landscape is changing for solar technology…

GEOGRAPHY OF ALL SOLAR THERMAL PATENT APPLICATION FILINGS FROM 1975-2011

[Graph showing the percentage of patent applications from different countries over time.]
…and for wind technology