



# **Introduction to The Climate Technology Initiative's Private Financing Advisory Network - CTI PFAN -**

**REEEP - CDP - CTI PFAN - CREIA Side Event  
at COP 17**

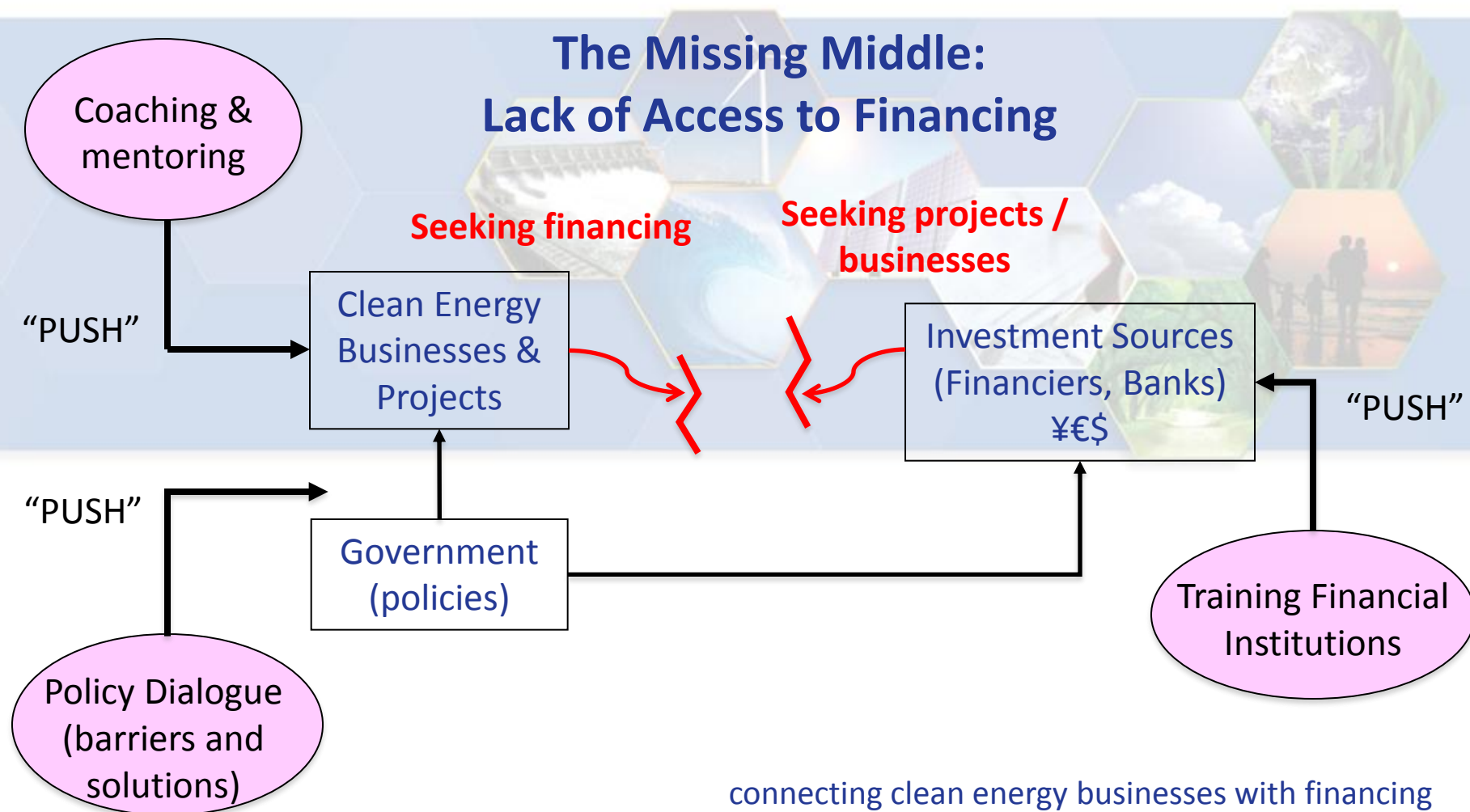
Durban, 8<sup>th</sup> December 2011  
Peter Storey

# Introduction to CTI

- ❑ Implementing Agreement under the IEA in support of UNFCCC Objectives. Currently 11 Member Countries:
  - Austria, Australia, Canada, Finland, Germany, Japan, Norway, South Korea, Sweden (Chair), UK & US
- ❑ To promote more rapid development and diffusion of climate friendly and environmentally sound technologies through multilateral and international cooperation between the public and private sectors and between OECD Countries and Non-OECD Countries
- ❑ CTI works with
  - Governments
  - IEA & UNFCCC Secretariats
  - Export Group on Technology Transfer (EGTT / UNFCCC)
  - International Organisations ( WB / UNDP / UNEP / UNIDO)
  - Business & Financial Sectors

# CTI PFAN – Objectives

*How a multi-pronged approach can scale up clean energy deployment*



# Introduction to CTI PFAN

- ❑ CTI PFAN is a Multi-Lateral Initiative:
  - CTI Countries / ICETT / REEEP / USAID
- ❑ Network of Private Sector Professionals
  - Investors / Consultants
  - Exclusive focus on developing countries
- ❑ CTI PFAN goals:
  - to accelerate technology transfer and diffusion under the UNFCCC
  - to promote low-carbon, sustainable economic development
  - to increase financing opportunities for promising clean energy projects
- ❑ Connects CE projects with Investors / Financing
- ❑ Triple bottom line approach

# CTI PFAN'S FUNDING PARTNERS



**USAID**  
FROM THE AMERICAN PEOPLE

**CTI** CLIMATE  
TECHNOLOGY  
INITIATIVE

**iea**  
Energy Technology  
Network

**ICET**



renewable  
energy  
& energy  
efficiency  
partnership

## CTI PFAN NETWORK MEMBERS



Management  
Consultant  
Regulatory  
Economics &  
Finance



UGANDA CARBON BUREAU



FE CLEAN ENERGY GROUP  
INC.



**HCConsulting**

**S<sup>3</sup>IDF** | Small-Scale Sustainable  
Infrastructure Development Fund

**VA**  
VERDE AZUL



華興資本  
CHINA RENAISSANCE



**firstclimate**

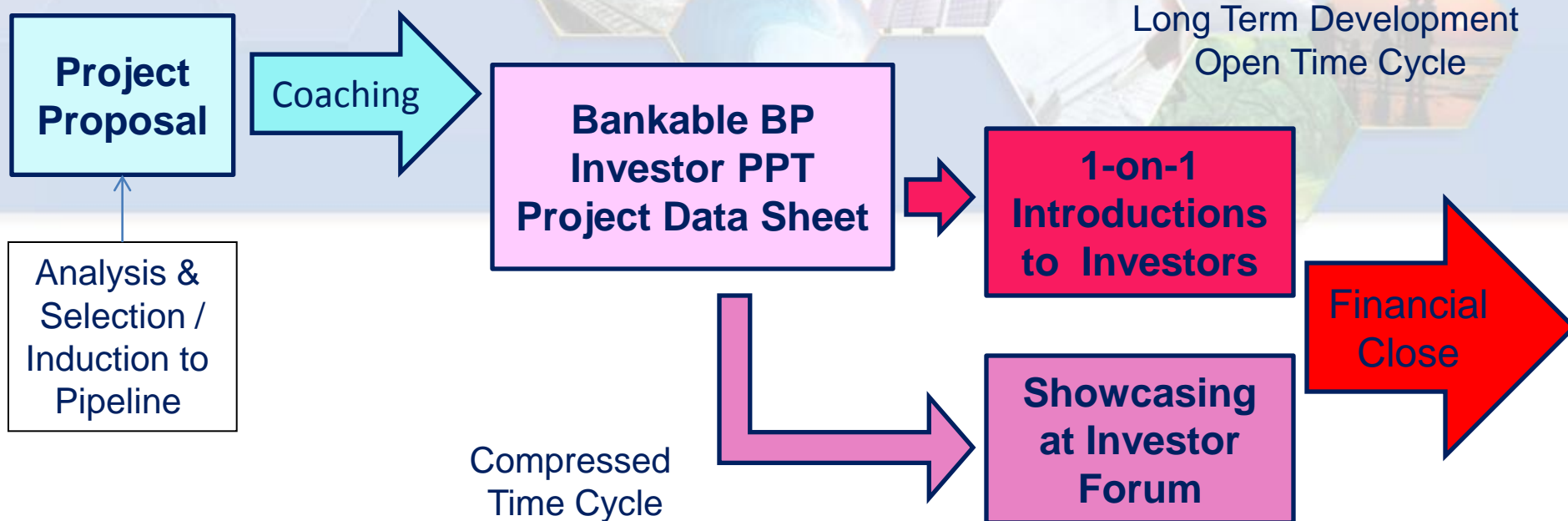


**VIABILITY**  
AFRICA  
the point where ventures succeed



# PFAN Services

- ❑ Free Coaching on Project Development & Financing
- ❑ Matchmaking – Sourcing of Equity & Debt
- ❑ 2 Entry Points
  - Unsolicited Proposal Submission for Development Pipeline from any Source
  - Regional & Country based CE Financing Forums



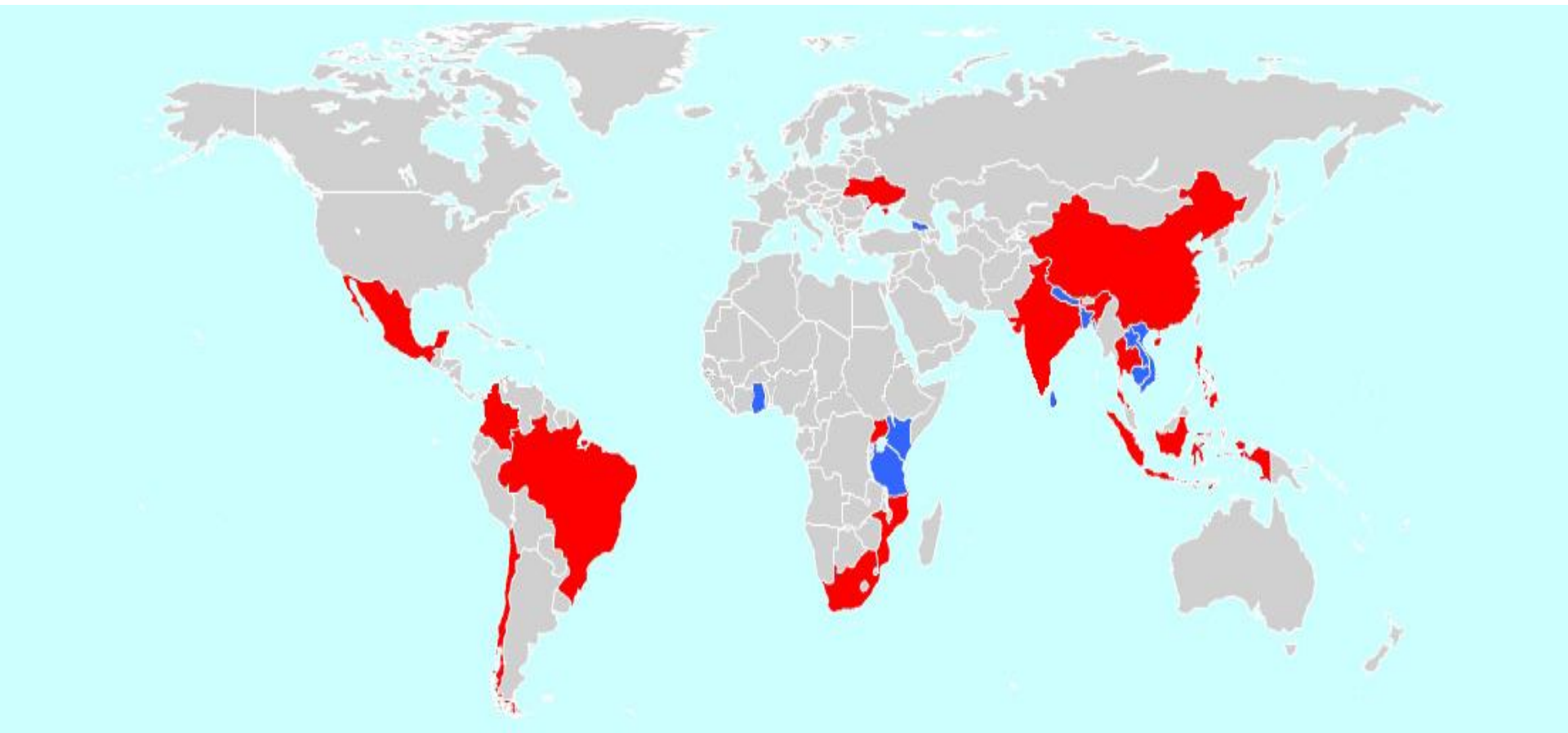
connecting clean energy businesses with financing



# Project Criteria

- ❑ Target Project Size: USD 1 – 50 million total investment volume
  - Smaller & larger projects possible
  - Ca 15% of portfolio for Micro-Projects (< USD 1 million)
- ❑ Typical Project Type: CE / RE mitigation projects for generation of power or production of biofuels
  - Wind, Solar, Geothermal, Biomass, Biofuels, Small Hydro
  - PFAN is technology neutral
  - EE / Adaptation / Forestry / Upstream Technology Dvpt Projects
- ❑ Commercial & Technical Viability
  - Adequate return on investment
- ❑ GHG reduction / abatement potential
- ❑ Other developmental benefits
  - MDGs: agricultural development, poverty reduction, health, education, female economic participation etc

# Global Snapshot of CTI PFAN



connecting clean energy businesses with financing



# Global Snapshot of CTI PFAN

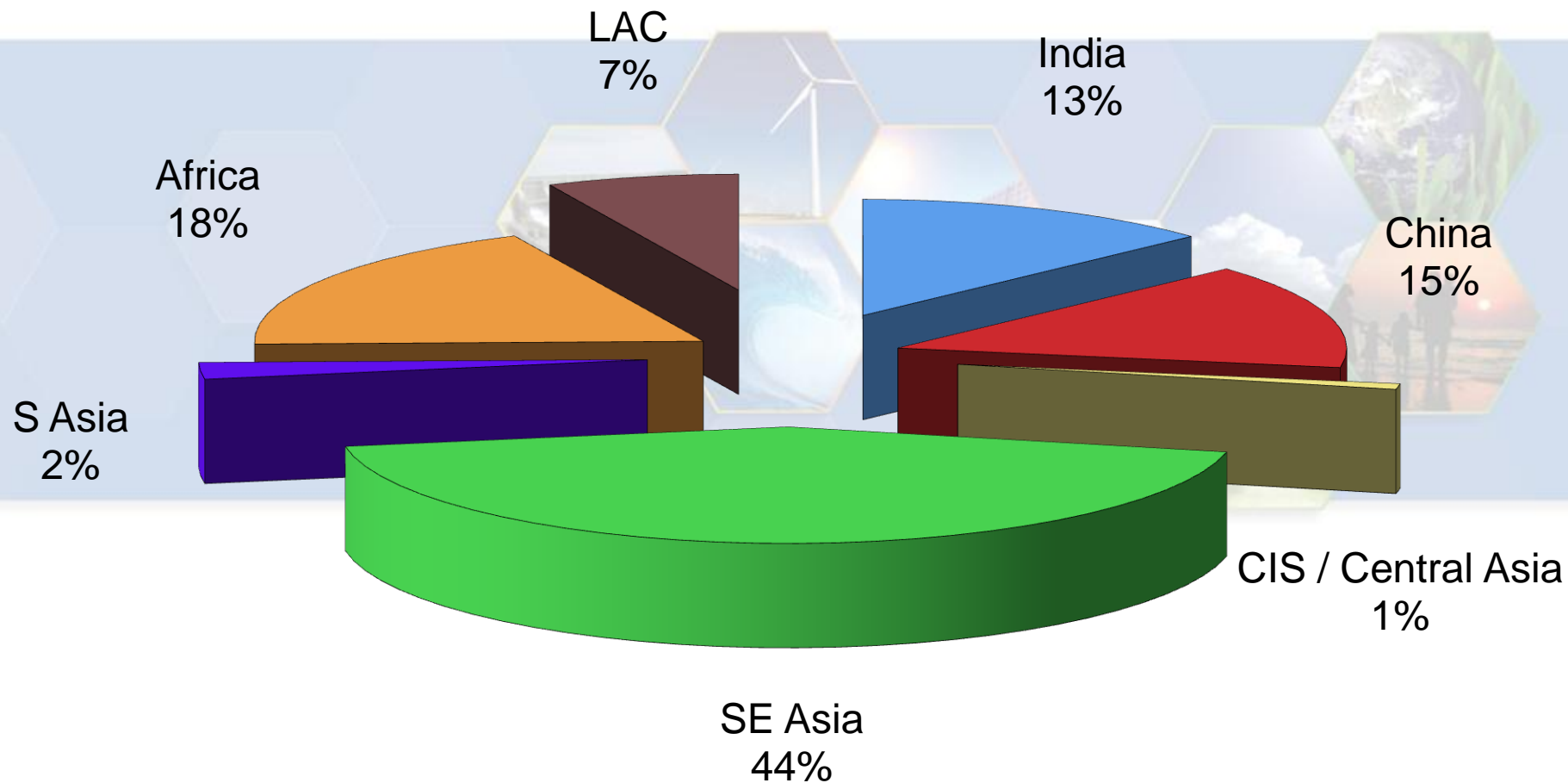
## 143 Projects in the Development Pipeline

- USD 2,6 billion of Investment
- 5,5 million tonnes pa CO<sub>2</sub> e GHG reduction potential
- 266 MW of clean capacity

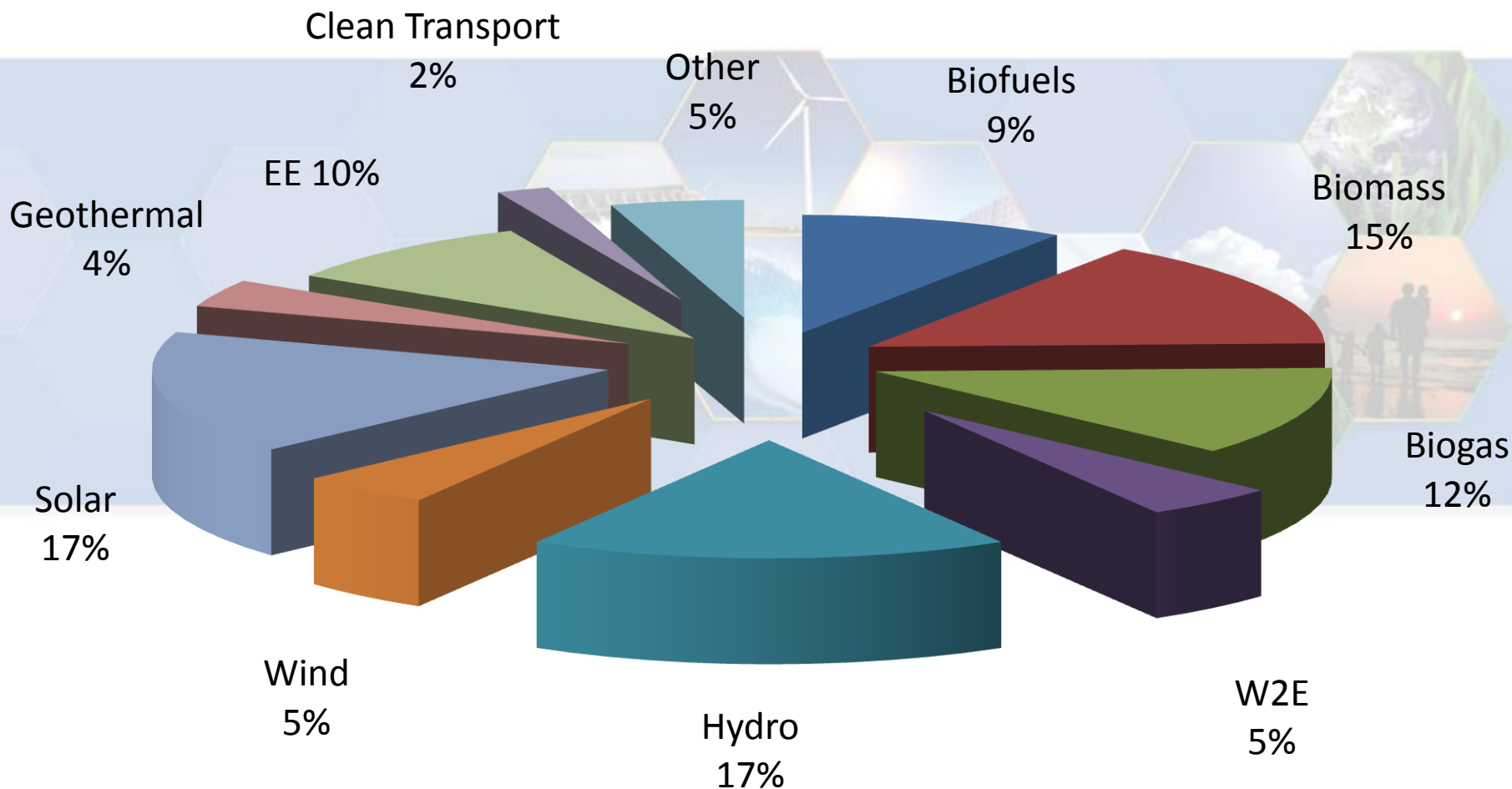
## ❑ 31 Projects Closed / USD 379 million raised

- 292 MW of Installed Clean Capacity
- 1,7 million tonnes CO<sub>2</sub> e reduction pa
- 94,5 GWhrs pa Energy Savings (EE projects)

# Pipeline Analysis by Region



# Pipeline Analysis by Technology



# African Success Stories

- ❑ Barefoot Power / USD 3,15 Million raised for Expansion in Africa
  - Innovative distribution model for solar powered LED & electrification products for BoP markets in Africa & Asia
- ❑ SOIL / USD 2,7 million for establishment of CJO & Bio-diesel production in Ghana
- ❑ GREENEWUS / USD 6 million for 6 MW small Hydro plant in Rwenzori, Western Uganda
- ❑ OURO VERDE / USD 1,35 million raised for bio-ethanol production in Northern Mozambique
  - 1<sup>st</sup> Phase (of 3 Phases) for plantation establishment

# CTI PFAN & UNFCCC

- ❑ Born from within the Framework / Not formally part of the Mechanism
  - EGTT Background
  - CTI objective
- ❑ Endorsed by COP decisions as a useful mechanism for financing TT
- ❑ Potential Link with CTC&N
- ❑ Demonstration & Learning Effects feed into the Negotiation Process
- ❑ Co-operation with UNEP on TNAs
- ❑ Technology Transfer in Action
  - Successful / effective activity being implemented regardless of negotiation status

# Future Activities

- ❑ Build out of Sub-regional Networks in Africa
  - Southern Africa / EAC / West Africa
- ❑ Capacity Building Workshops & Mini Investor Fora in each Region
- ❑ Launch of New Regional Networks including dedicated country networks
  - Central America & Caribbean
  - CIS & Central Asia
- ❑ Launch of Adaptation Stream
  - Position Paper / Workshops / Pilot
- ❑ Cooperation with Energy & Environment Programme (EEP)
- ❑ AFRICEF 2 – 17<sup>th</sup> February 2012 in Johannesburg
  - 10 – 12 projects will be showcased



# CONTACTS

## ❑ General Enquiries / Membership etc

- Elmer Holt, CTI PFAN Manager ([elmer.holt@doe.hq.gov](mailto:elmer.holt@doe.hq.gov))
- Peter Storey, Global Co-ordinator ([peter.storey@ppl-int.com](mailto:peter.storey@ppl-int.com))
- Taiki Kuroda, Head of Secretariat ([kuroda@icett.or.jp](mailto:kuroda@icett.or.jp))

## ❑ Submission of Project Proposals

- Peter Storey, Global Co-ordinator ([peter.storey@ppl-int.com](mailto:peter.storey@ppl-int.com))
- Lynne Byaba – Southern Africa Coordinator ([lynne.byaba@ppl-int.com](mailto:lynne.byaba@ppl-int.com))

❑ [www.cti-pfan.net](http://www.cti-pfan.net)

❑ [www.climatetech.net](http://www.climatetech.net)