Linking the Technology and Financial Mechanisms

Climate Finance in project development

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Nairobi, Kenya
Carbon Africa is a **climate finance advisory** and **project development** firm

Established in 2009 with offices in Nairobi, Kenya and representation in Ethiopia, Mozambique, Rwanda and the Netherlands

Carbon Africa’s services are tailored towards supporting the development and implementation of projects and initiatives on the ground.

- Policy and Enabling Environment
- Climate Finance and Finance Raising
- Project Development
- GHG Accounting and Monitoring
- Impact
- Capacity Building and Readiness

CTCN Network Member
CLIMATE FINANCE DIVERSIFICATION

CDM Carbon Credits – compliance market - Lake Turkana

CDM/G/S Carbon Credits – voluntary market – Gigawatt, Gaia

Result Based Finance – CiDEV WB – KTDA/DBE

Joint Crediting Mechanism – Japanese Government – Eth/Kenya

Technical Assistance – CTCN / NDE – Mozambique

Financing Mechanisms – NAMA Facility – Mozambique

Funds – GCF – ?, Sector specific – Electrifi, USTDA, OPIC
CLIMATE FINANCE SCALED UP APPLICATION

PROJECT DEVELOPMENT IS A PROCESS

FUNDING MECHANISMS EXIST FOR DIFFERENT PHASES

PROJECT DEVELOPMENT IS MULTI-DIMENSIONAL

PUBLIC-PRIVATE PARTNERSHIP PLATFORMS
PROJECT DEVELOPMENT IS A PROCESS

**Project Idea**
- Scouting of market potential, resources, ...
- Estimate on feasibility
- Identification of partners

**Phase I**
- Preparation
  - Duration: 2-6 months
  - Uncertainty

**Phase II**
- Development
  - Duration: 12 months
  - Funding Proposal

**Phase III**
- Implementation
  - Duration: 12-24 months

**Phase IV**
- Operation
  - Financial Close
  - Engineering, procurement, contracting
  - Construction incl. testing
  - Regular maintenance

**Implementation**

**Market Exploration**
- Business Model
- Feasibility
- Permits, Regulation
- Financing

**EPC**
- Commissioning
- Operation

**CarbonAfrica Limited**
FUNDING MECHANISMS EXIST FOR DIFFERENT PHASES

Phase I
Preparation
- Scouting of market potential, resources, ...
- Estimate on feasibility
- Identification of partners and financing

Duration: 2-6 months

Risk / Uncertainties

Phase II
Development
- Project development and implementation plan
- Business model development
- Financials
- Regulatory
- Social

Duration: 6-12 months

Phase III
Operation
- Engineering, procurement, contracting
- Construction incl. testing

Duration: 12-24 m

Phase IV
Commissioning
- Normal operations
- Delivery of energy (service)
- Regular maintenance

Duration: Operation

GREEN CLIMATE FUND

NAMA Facility

CTCN CLIMATE TECHNOLOGY CENTRE & NETWORK

“Early Stage”

DFIs, Commercial Banks

ElectriFI
SUSTAINABLE WASTE TREATMENT IN MOZAMBIQUE
Use of NAMA Facility funds

- CAPEX Subsidy from NAMA Facility
- NAMA Facility Subsidy
- Financing costs
- Operational Costs
- Revenues from the Advanced Recycling Fee

Construction Phase

Implementation Phase

USD
THANK YOU!

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