

**CD4CDM TANZANIA PROJECT - SECOND
NATIONAL WORKSHOP 15th- 16th
November 2007, at Peacock Hotel,
in Dar es Salaam, Tanzania**

**Status of Global Carbon Market -
CDM PROJECT ACTIVITIES IN TANZANIA**

**K. F. MANYIKA
ENVIRONMENTAL OFFICER
DIVISION OF ENVIRONMENT, VPO
DAR ES SALAAM**

Structure of the presentation

- DNA status in Tanzania
- Function of the DNA
- Structure of the DNA in Tanzania
- Eligibility criteria for CDM projects in TZ
- Status of CDM project activities
- Challenges/constraints
- Conclusion

Introduction: The DNA

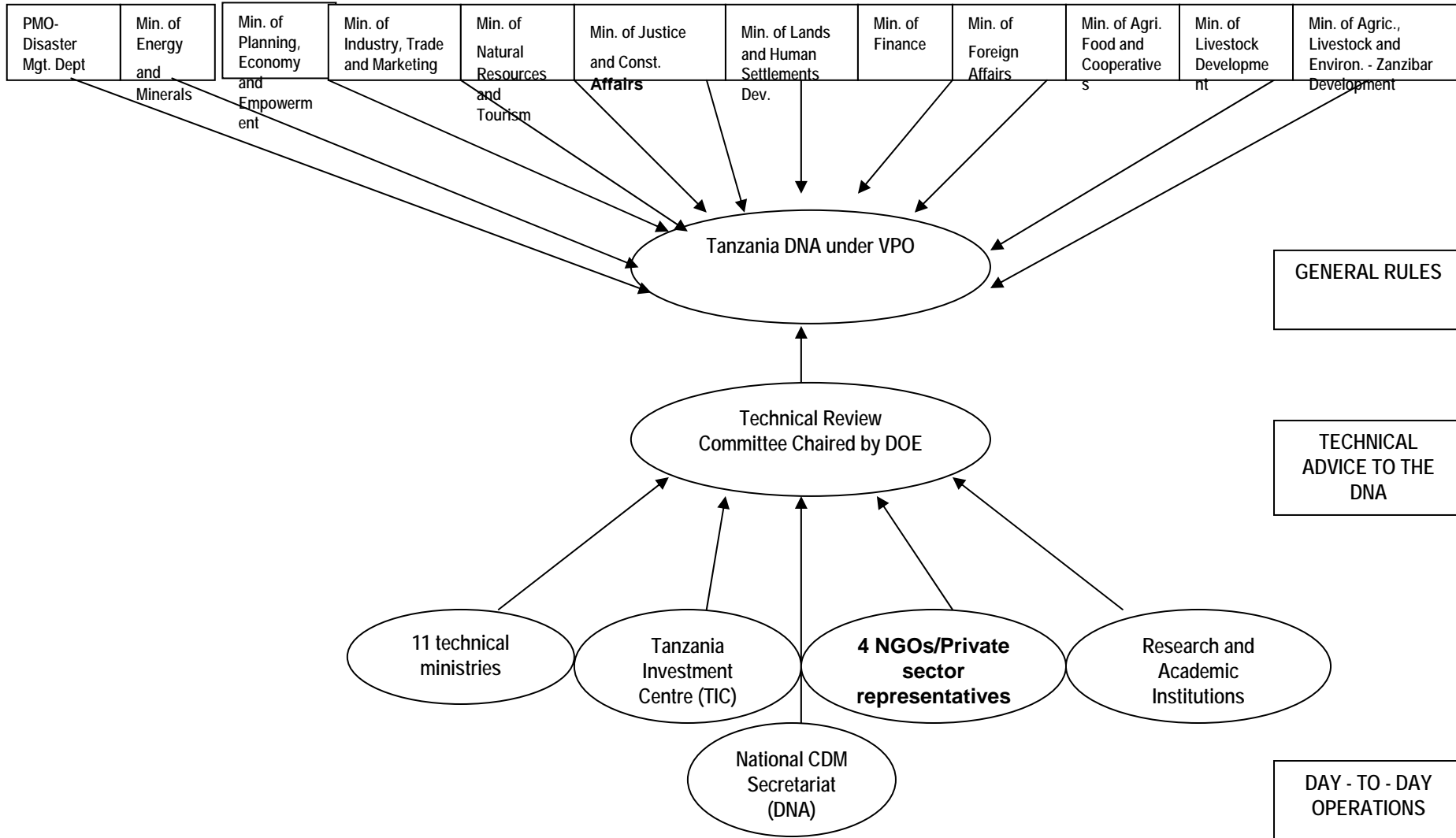
- Tanzania officially established her DNA in 2004
- The DNA of Tanzania is the Division of Environment, Vice President's Office
- Its responsibilities, include:-
 - ✓ Issue approval letter of CDM projects,
 - ✓ Confirmation of national sustainable development criteria
 - ✓ Coordination of national agencies/stakeholders

The DNA and its responsibilities

Cont'd

- Clear guidelines on priority areas for projects, and on national project approval criteria
- Assisted by a review committee with members from various sector
- A CDM project activities Implementation Guid has been formulated (To be revised)
- Letters of no objection (LONO) are provided once the Project Idea Note (PIN) has been submitted to the DNA and Letters of approval (LoA) for each project activity are provided with one month after the PDD has been developed and submitted to the DNA.
- Thus it is important to involve the DNA right from the beginning of the project development.

Structure of the DNA



Eligibility criteria for CDM projects in Tanzania

- The Tanzania's DNA has identified the following criteria for CDM projects: Project should address:-
 - National Strategy for Growth and Reduction of Poverty (2005), the National Vision 2025 and Zanzibar vision; that it should aim poverty alleviation by generating additional employment and improving standard of life
 - bring in additional in additional investment
 - Environment Management Act, 2004 and its EIA and Audit regulation 2005
 - Transfer appropriate environmentally sound technologies
 - Address National Environmental Policy and related action plans and strategies
 - Partnership with some local institutions

Energy projects particularly in rural areas are accorded the highest priority;

CDM PROJECTS APPROVAL PROCESS IN TANZANIA

- Project developer submit a PIN and PDD to the DNA (in this case the VPO – DOE)
- The DNA will check whether the project address the following;
 - **Social welfare:** the CDM project activity should be consistent with NSGRP/MKUKUTA 2005, and that it should aim at poverty alleviation by generating additional employment and improving standard of life

CDM project approval... checklist....

- **Economic welfare**; the CDM project activities should bring in additional finance investment and should be consistent with the Vision 2025 and 2020 for Tanzania mainland and Zanzibar respectively.
- **Environmental friendly**; the project activities should be consisted with EMA 2004, and its EIA and Audit Regulation 2005
- The project should reflect resource sustainability and resource degradation if any, impact on biodiversity, human health and other environmental issues
- **Technological issues**; the CDM project activities should lead to transfer of environmentally benign and sound technologies to Tanzania

CDM project approval procedure

- After the submission the DNA convenes a Technical Committee meeting to review the project and provide recommendations to the DNA before the decision is made. An administrative fee of at least 2.5% of the estimated CERs is charged by the DNA for the technical and administrative reviews of both the PINs and PDDs.

Status of CDM projects in Tanzania

- 1 Registered project: Land Fill gas and Electricity generation at Mtoni damp site (202,271 CERs, 3.5 - 5 MW annually)
- 1 PIN – given letter of no objection: Wind Energy-singida, 70,000 CER, 50MW annually)
- About 12 PINs under development through CD4CDM capacity building project UNEP RISO):
Examples:-
 - Methane recovery and destruction through
 - Afforestation and Reforestation projects
 - biogas production from sisal (eg. Katani ltd- Tanga)

Twelve CDM projects with PINs and or PDDs

Project name	PP	Level of development	CERs expected (tCO2 eq.)	Developer/ Consultant/ programme	Support Needed	Other issues
Mtoni Landfill gas capture and energy generation Project	DSM City Council/Stabile Globus, Italy	Registered	202,271	Globus	-	Will also produce 2.5-5 MW of energy
Wind Energy Project	Wind Energy Tanzania Ltd	Preparing PDD	100,000	Camco International	-	Will produce 200MW of wind energy
Use of Biolatrine for methane capture and destruction at five Prisons in Arusha, Moshi and Tanga	CARMATE C, Arusha, Tanzania	PIN being completed	7, 000	EPMS under CD4CDM programme	Preparation of PDD	Potential for expansion through bundling by adding more prisons and higher learning institutions

Vinguguti dumpsite gas capture and energy generation project	Mwanguy a and Kyoto Works Ltd	PIN under preparation	60,000	EPMS under the CD4CDM Programm e	Additional studies to compleme nt available informatio n; preparatio n of PDD	May produce 2MW but still lack concrete data for baseline determinat ion
Bagasse Cogenerati on at TPC Moshi	TPC Moshi	Initial attempts to develop a PDD failed. Trying a PIN again through CD4CDM programme	-	EPMS under the CD4CDM programm e	Preparatio n of PDD and related registratio n costs	Since 2005 with capacity additions produces 12MW
Power production from sisal waste	Katani, Tanga	PIN completed	-	EPMS under the CD4CDM programm	PDD Preparatio n	Possibility of bundling to produce up to 4MW

Forest Plantation Project	Community Development Cooperation Ltd.	PIN Preparation	-	CEEST Under the CD4CDM Programme	Funding for PDD Preparation	Additional expert support for baseline determination
Same and Mwanga Forest Project (SMFP)	SafariJet Services Ltd	PIN Preparation	-	CEEST Under the CD4CDM Programme	Funding for PDD preparation	Additional expert support for baseline determination
Biomass Co-Generation Project, Tanga Cement, T Ltd	Tanga Cement Ltd	PIN preparation	-	EPMS under the CD4CDM programme	Funding for PDD preparation. Buying CERs	-
Fuel Switching from the use of gen sets to natural gas in Mtwara and Lindi	Armus Tanzania Ltd	PIN Completion and PDD preparation		Armus Consultant	Yes. Gvt of Netherlands	Yes. Gvt of Netherlands

Other Potential areas

- Coal Bed Methane in the southern Highlands of Tanzania – MMI Steel Mills and Mabibo Wines Ltd
- Fuel Switching. Over 20 processing industries have done fuel switching since 2005 and ten more are in the process of fuel switching. See the attached list.
- Waste water management
- Efficient Use of Non Renewable Biomass-efficient cook stoves etc.
- Switch from Non-Renewable to renewable biomass.

Challenges / constraints

- Inadequate awareness to some key stakeholders in the industrial sector
- Lack of funds to finance upfront costs (PINs, PDDs)
- Slowness in getting feedback from stakeholders
- Inadequate financial resources to support DNA activities- awareness
- Few number of staff at the DNA
- Reluctance of some business/financing sector to support implementation of CDM projects

Conclusion

- Approval and register of some CDM project activities at country level stimulates interest for participation in CDM project activities
- Capacity building on project development should be emphasised to foster active participation in CDM project activities
- CDM projects activities are likely to grow in a near future
- Various practitioners such have very significant role and challenge to foster implementation of CDM projects in the country

ASANTE SANA