



Mozambique's National Climate Change Strategy,  
Integrated Waste Management Strategy  
and the  
Establishment of a Task Force for the formulation  
of NAMAs in the waste sector and identification of  
climate finance opportunities

Ms. Marilia Telma Manjate  
National Climate Change Focal point  
Ministry of Land, Environment and Rural Development  
(MITADER)



# I. Introduction

## Mozambique

25 Million people

Vulnerable to Climate Change

Climate Change Adaptation and Mitigation Strategy (2012-2030)

Integrated Waste Management Strategy (2013-2025)

5 years Government plan (2015-2019)



## 2. Climate Change Adaptation and Mitigation Strategy

**Vision:** A prosperous and CC-resilient Mozambique, with a green economy in all social and economic sectors.

**Mission:** Reduce CC vulnerability and improve the wellbeing of Mozambicans through the implementation of concrete measures for adaptation and climate risk reduction, mitigation and low-carbon development, aiming at sustainable development, with the active participation of all stakeholders in the social, environmental and economic sectors.

### **Specific objectives :**

- (1) adaptation and climate risk management
- (2) mitigation and low-carbon development,
- (3) cross cutting actions that include (i) institutional and legal reform, (ii) research and systematic observation and (iii) capacity building and technology transfer

### 3. Integrated Waste Management Strategy

#### **General goal**

Provide basis for integrated management of municipal solid waste, taking into account the minimization of production, collection, transport, treatment and final disposal of waste in order to protect public health and the environment.

#### **Main activities of the strategy**

- Construction of landfills with methane flaring;
- Construction of waste transfer and recycling centers;
- Use of waste to energy;
- Design and implementation of national legislation;
- Institutional capacity building;
- Research and creation of database;
- Education and awareness campaign;
- Biogas production starting from organic waste.

### 3. Integrated Waste Management Strategy

Strategy : Promote partnership between public sector, private sector and civil society

- To reach a sustainable waste sector, many activities are needed
  - Many of these activities will result in GHG mitigation
- Mozambique can benefit from climate support to implement these activities
- How to effectively benefit from climate support?

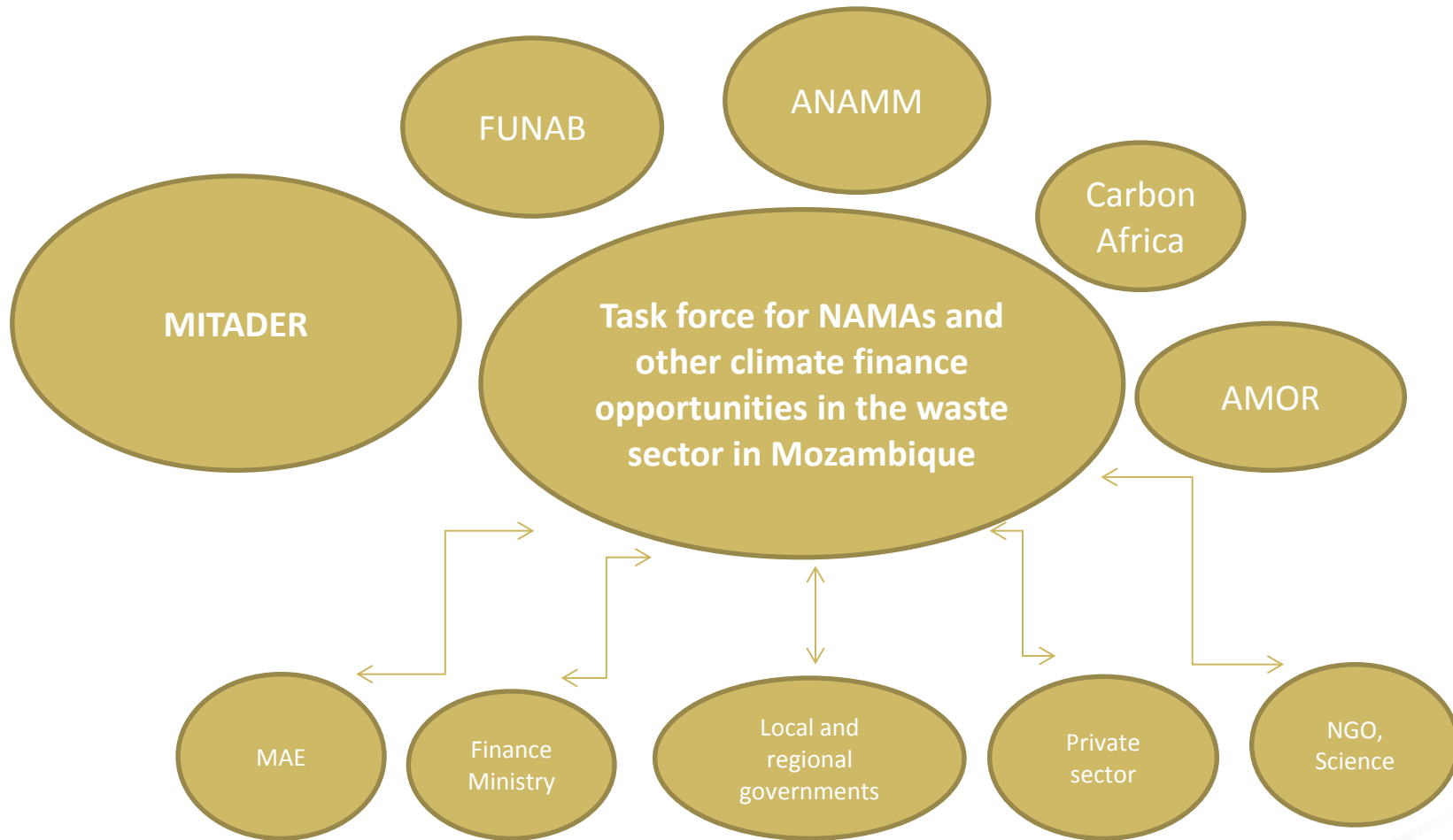
## 4. Establishment of a Task Force

**Establishment of a Task force for the development and formulation of NAMAs (Nationally Appropriate Mitigation Action) and other climate finance opportunities in the waste sector in Mozambique**

### Objectives

1. Formulate and prioritize appropriate mitigation activities in the waste sector
2. Identify climate finance opportunities for the development and implementation of low carbon measures and activities in the waste sector
3. Prepare and formulate climate finance proposals for submission to climate finance partners

## 4. Establishment of a Task Force



## 4. Establishment of a Task Force

- Task Force established in February 2014
- To date: 14 meetings
- Already some positive results
  - Formulation of a municipal legislation template
  - Design of a tax system for the waste sector
  - Update of the National GHG Inventory in the waste sector and Capacity building
  - Design of MRV systems for the waste sector
  - Design of benefit-sharing models
  - CTCN technical support for the use of waste as fuel for the cement sector
- Capacity building for formulation of NAMAs
- Various workshops and training for the formulation of NAMAs (NAMAcademy...)
- Formulation of 4 NAMAs in the waste sector (and 2 NAMAs in the energy sector)



## 5. NAMA architecture

### Main NAMA – Implementation of the National Strategy of Integrated Municipal Solid Waste Management

Component NAMA 1  
Recycling through Waste Transfer and Recycling Centers

Component NAMA 2  
Use as Waste as RDF for cement factory (Waste to energy)

Component NAMA 3  
Waste management models and Sanitary Landfill in Mozambican Municipalities

Component NAMA 4  
Primary Collection System in Mozambican Municipalities

Component NAMA 5  
Revision and implementation of new municipal legislation

Component NAMA 6  
Training of Municipal Waste Agents

Component NAMA 7  
Research and creation of database

Component NAMA 8  
Environmental awareness to promote separation at source

Component NAMA 9  
MRV and implementation system

Component NAMA ..  
.....

## 5. NAMA architecture – UNFCCC Registry

Implementation of the National Strategy of Integrated Municipal Solid Waste Management

→ NAMA seeking for recognition

Recycling through Waste Transfer and Recycling Centers

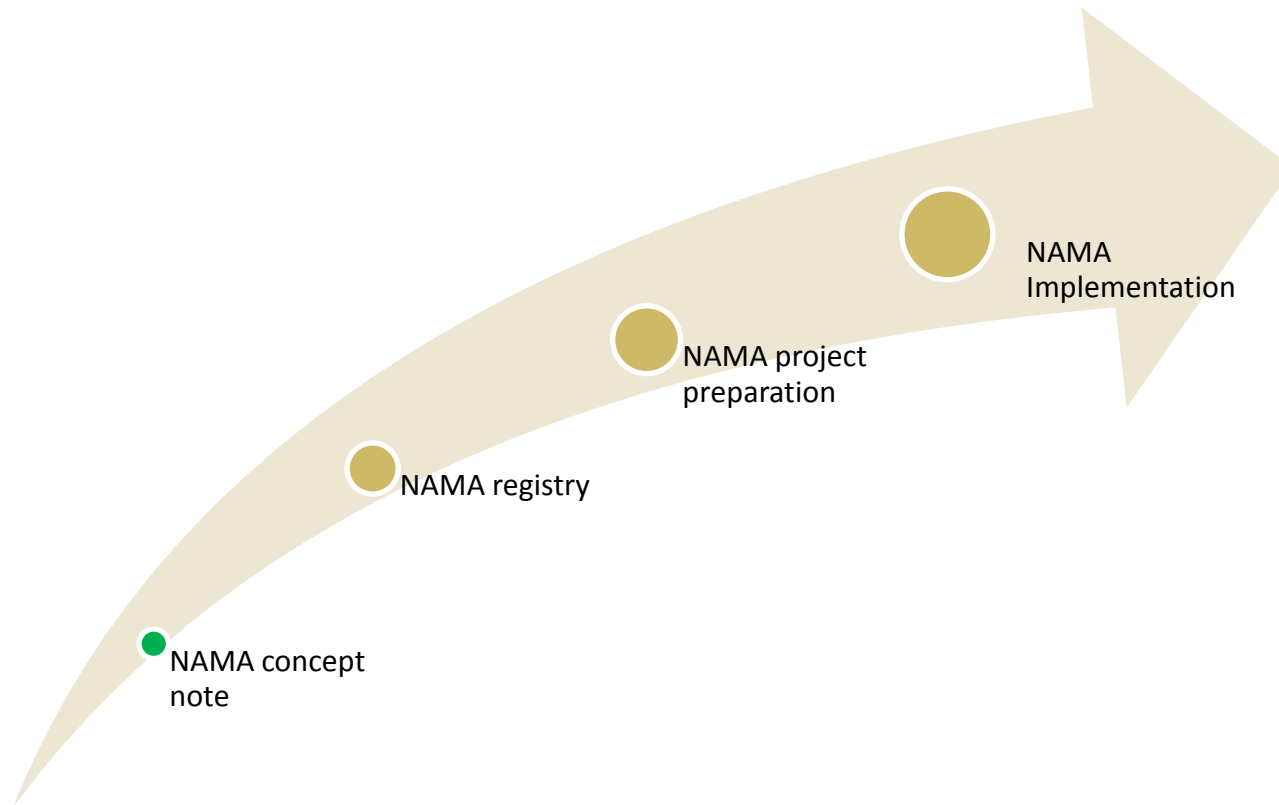
Use as Waste as RDF for cement factory

Waste management models and Sanitary Landfill in Mozambican Municipalities

→ NAMA seeking support for preparation

## 6. Steps toward implementation

- Public consultation happened on the 18th of November





Obrigada pela atenção

