

QUELIMANE MUNICIPALITY – UNDER2 - APPENDIX

PROFILE

1. Geographic Location:
 - Latitude: 15°50'37"S
 - Longitude: 39°36'35"E
2. Demographic and economic profile:
 - Country: Mozambique
 - City's Population: 193.343 (1997) approximated to: 250.000 (2017)
 - Country GDP:
 - Total: \$37.321billion
 - Per capita: \$1,263

TARGETS

What are your targets for reducing and avoiding emissions?

- INDC¹ 76.5MtCO₂e between 2020 and 2030

What emissions reductions are you trying to achieve (percent/metric tons, overall/per capita)?
By what year? From what baseline year are you measuring?

- GHG emissions in 2013 were 66.8 million metric tons of carbon dioxide equivalent (MtCO₂e), totaling 0.14% of global GHG emissions. 2013 GHG emissions came primarily from LUCF² sector which accounted for 58.8% of the country's total emissions. Within LUCF sector, changes in forest land contributed 95% of emissions.
 - Agriculture was second highest emitting sector (26.8%);
 - Energy, waste, IP³ accounted for 8.9%, 4% and 1.5% respectively of total emissions.

What additional emissions are you trying to avoid?

- Emissions from Vehicles

Do you have any intermediate targets?

¹ Intended Nationally Determined Contribution

² Land Use Change and Forestry

³ Industrial Processes

- Replanting mangroves in the devastated areas;
- Strengthening composting sector to re-use carbon dioxide through horticulture

Are you focused on reductions in any particular priority GHGs?

- LUCF

What are your current emissions (total, by sector, by pollutant)?

- Agriculture was second highest emitting sector (26.8%);
- Energy, waste, IP⁴ accounted for 8.9%, 4% and 1.5% respectively of total emissions.

Do you have any monitoring or reporting obligations (internal/external, binding/non-binding)?
 TOOLS What goals, standards, policies, technologies, etc. are you implementing or planning across various sectors to develop sustainably and meet your GHG emissions reduction targets?
 For instance, what are your actions and commitments around...

- We lack trained personnel and have no monitoring equipment. Our commitments are based only on the actions carried out: mangrove replanting and fostering the use of food waste to compost for the enrichment of the soil and feeding plants with carbon dioxide. Our city promotes the usage of bicycles and is number one within the country.

Renewable energy, energy efficiency, and energy storage?

- We are looking for investors in the area for energy from both solar and waste

Sustainable transportation? (reduction of travel in single-occupant vehicles, fuel switching, fuel efficiency, freight/rail/aviation)

- We are number one in the country promoting the use of bicycles

Natural resource protection? (forestry and wild lands management, agricultural management, ecosystem services protection, coastal resource management, carbon sinks and sequestration)
 Additional Topics for Consideration Discussion of a jurisdiction's profile, targets, and mitigation tools can make up the bulk of the appendix. In some cases, however, the appendix may address additional topics that are particularly important to a jurisdiction, such as capacity and climate change adaptation. Again, the questions below are presented as suggested considerations only and your appendix should discuss the topics most relevant to your jurisdiction, whether listed

⁴ Industrial Processes

below or not. You may wish to address any capacity issues that affect your ability to achieve emissions reductions. For instance, you might discuss aspects of capacity if they are key components of your mitigation successes. Conversely, if gaps in capacity are a hindrance to effective mitigation implementation, you may view the appendix as an opportunity to call attention to those areas on which your jurisdiction is eager to collaborate. (Questions along these lines are included below in parentheses.) Although the focus of the MOU and the appendices is the mitigation of GHG emissions, you may also wish to mention any actions and plans you have for climate change adaptation if this issue is significant for your jurisdiction.

CAPACITY How will you ensure adequate financial, institutional, and workforce capacity to develop sustainably and meet your GHG emissions reduction targets?

- We are replanting mangroves in all the devastated areas through the Coastal City Adaptation Project (CCAP – USAID Funded);
- We are recycling food waste to produce compost to be used in the horticulture fields within the city’s green belt. There are local farmers’ associations involved in the learning process. (Quelimane Limpa Project – EU Funded);
- We signed the Milan Food Policy Pact

What market incentives and funds are in place or planned to support implementation of emissions reduction measures? (What additional funding is needed to meet your emissions reduction goals? Over what period of time?)

- We do not have any incentive beside the EU-Funded Quelimane limpa project

Are you leveraging existing domestic and international partnerships to fund reduction measures? (Are you hoping to establish new partnerships?)

- Yes we are establishing networks with different stakeholders both from national and global level and we still look forward to establish more new partners

What institutional structures are in place or planned to implement and monitor your emissions reductions policies? (Are you hoping to strengthen institutional structures through internal development and/or external partnerships on technology transfer and research?)

- We have an internal structure that oversees all projects related to environmental management. However, qualified personnel is a big challenge therefore training (capacity building) from our external partners on technology transfer and research would be highly valued.

Are you investing in workforce development and leveraging public private partnerships to achieve long-term emissions reductions across economic sectors? (Are you hoping to partner with new investors?)

- We hope to learn from different partners on how PPPs work and we are keen to welcome new investors.

Are you conducting outreach to increase public awareness and encourage public engagement on climate change mitigation? ADAPTATION How will you adapt to climate change?

- We involve the local community and make sure that they are part of the process. In the mangrove plantations, communities are involved since the first day of the program

How will you address equity and environmental justice?

- We have mapped out the city and gathered necessary data related to vulnerability of geo-spatial for sustainable economic development

How will you safeguard human health?

- By providing clean water and air while we continue building the city's resiliency to climate change negative effects

How will you prepare for extreme weather events?

- We are sourcing out potable water alternatives for the people (water purification projects are welcome);
- Usage of smart-phones with apps to receive alerts (projects or support in this area is needed);
- We need a city's Master-Plan with a Disaster Risk Response plan (or an emergency site)