

**BUR1**

**SAO TOME**



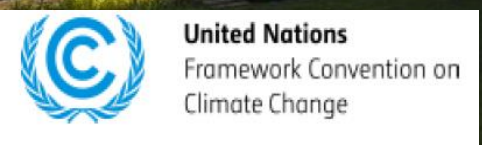
**PRINCIPE**

**FALICITATIVE SHARING OF VIEWS**

Bonn, Germany 5<sup>th</sup> June 2024

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# OUTLINE

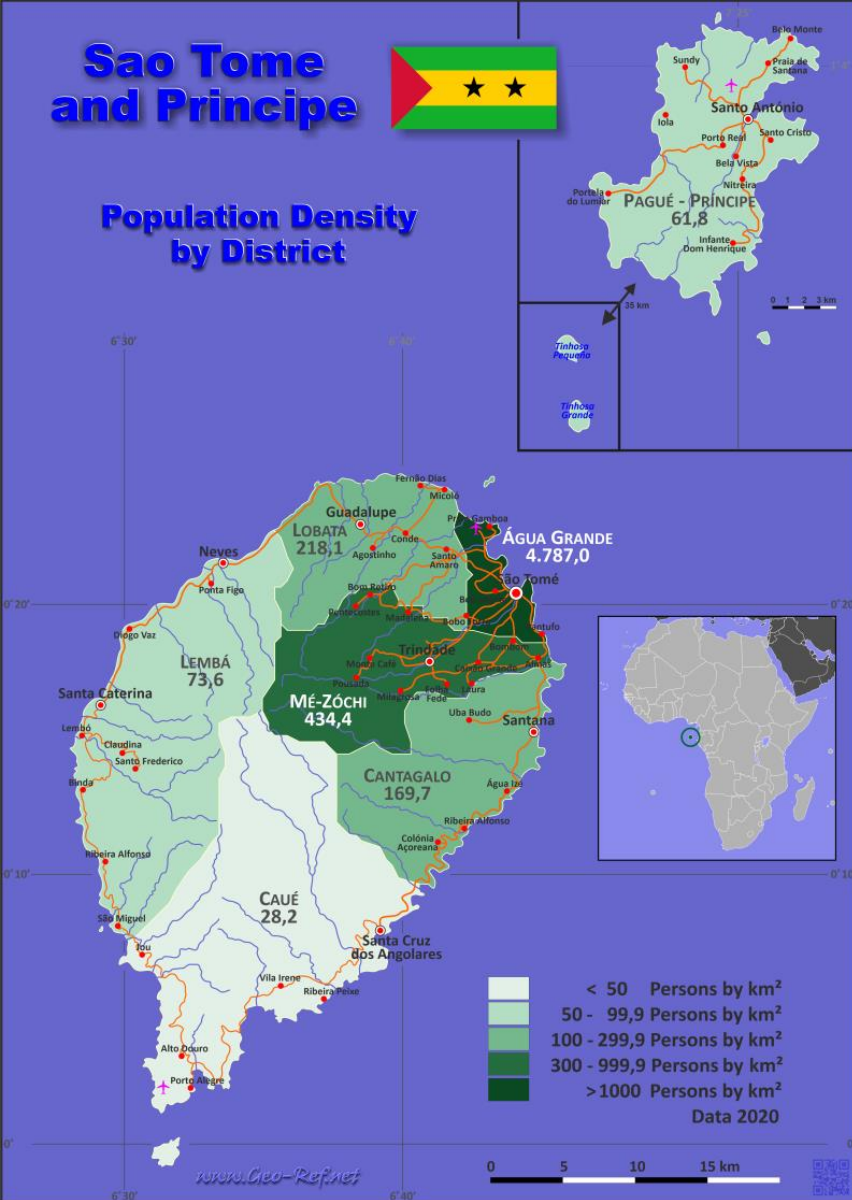
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- NATIONAL CONTEXT
- GHG INVENTORY
- MITIGATION ACTIONS AND EFFECTS
- SUPPORT NEEDED AND RECEIVED
- ETF TRANSITION AND IMPLEMENTATION

# Sao Tome and Principe



## Population Density by District



# NATIONAL CIRCUMSTANCES

- ❑ Area: App. 1001 km<sup>2</sup>
- ✓ S. Tome - 859 km<sup>2</sup>
- ✓ Príncipe - 142 km<sup>2</sup>
- ❑ Population of 200,000

Some natural resources include: Beaches, mangroves, coral reefs, sea grass bed

- ❑ Tropical humid climate:
  - Jun-Aug (dry season)
  - Set-May (wet season)

Economy: mainly agriculture (cocoa, coffee and palm oil). Tourism also plays an important role

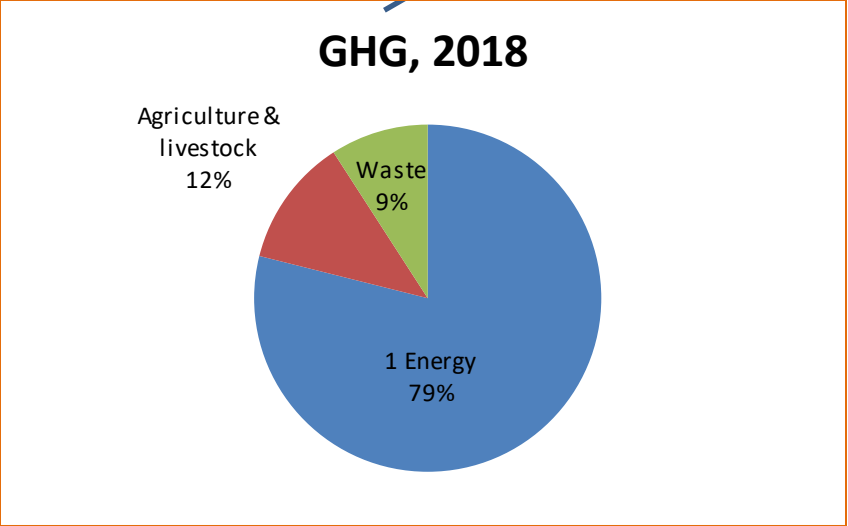
GDP per capita of US\$1,960 in 2019.

Due to its geographical location and small surface area, STP is highly vulnerable to climate change.

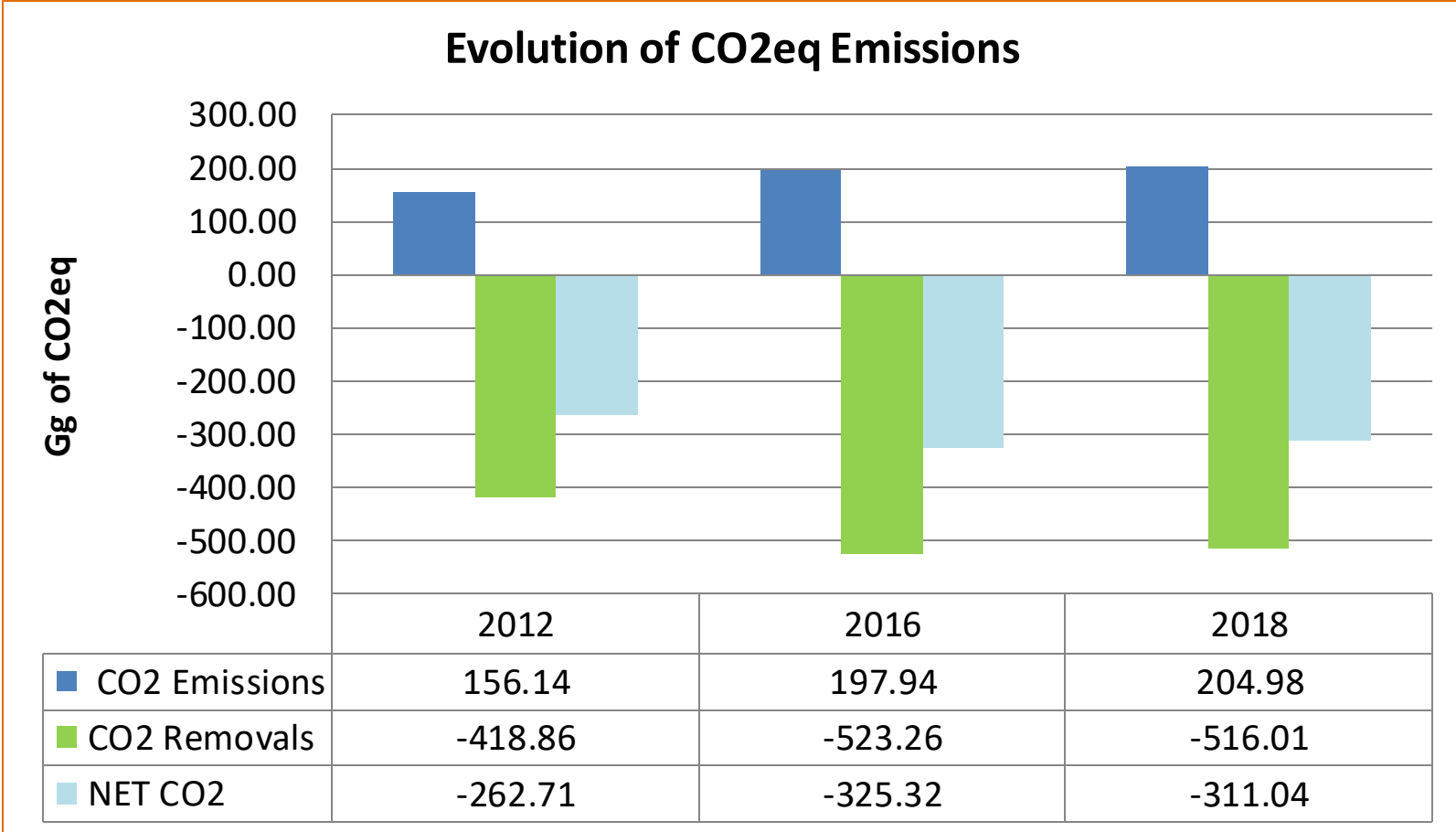
# STP'S 2018 GHG INVENTORY : STP IS A CARBON NEGATIVE COUNTRY!

205 Gg of CO<sub>2</sub>eq without LULUCF

- 311 GgCO<sub>2</sub> eq with LULUCF



The **ENERGY SECTOR** is the largest contributor to emissions in STP. This is due to a rising population with an increasing demand for electricity and an increase in number of road vehicles.



# IMPROVEMENTS IN REPORTING (IMPROVEMENTS OVER PREVIOUS NC)

- Utilization of 2006 IPCC Guidelines
- Utilization of QA/QC System
- Enhanced capacity of existing experts
- Sector compilations and calculations performed by national experts
- Development of MRV 's draft
- Capacity built for new experts

# MITIGATION ACTIONS AND EFFECTS

In the updated 2021 NDC, the mitigation measures that STP has identified as a priority for reducing GHG emissions come from the energy sector, namely:

- ❑ Increasing the share of renewable energy (RE);
- ❑ Reducing network losses and improving energy efficiency;
- ❑ Reducing the carbon intensity of mobility.

❖ Updated NDC Target-27% reduction (109 GgCO<sub>2</sub>eq) in GHG emissions relative to 2012 emissions by 2030

150 Million USD

## Sao Tome and Principe

Increase the share of renewable energy in the energy matrix (50% by 2030.)

Thermal energy(95%)  
Vs  
Renewable Energy(5%)

# STP'S MITIGATION STRATEGY

## Actions

11 proposed mitigation actions

Covers sectors:

1. Energy demand (3),
2. Electricity Generation (5)
3. Transport(3),

## Actions

All mitigation actions modelled using GACMO Model)

Modelling builds on previous work undertaken for STP updated NDC

Two Scenarios Included:

- Baseline
- Mitigation

## Expected Emission Reductions

Potential emission reductions of 109 GgCO<sub>2</sub>e in 2030.

This GHG reduction target is conditional on STP receiving external support

## Co-Benefits



# SUPPORT RECEIVED AND NEEDED

## SUPPORT NEEDS

150 Million is needed for NDC implementation; while financial needs for Adaptation is not yet fully quantified

Some areas of support: (financial, technological, capacity building) include: GHG inventories, renewable energy systems, MRV, mitigation modelling, climate finance.

## FINANCIAL SUPPORT RECEIVED

STP:

❖ Has difficulty compiling information on all the support received Requests support to overcome these gaps and commits to presenting them in the future Support for the preparation of BUR1:

- GEF/UNEP (342.000,00 USD)
- Government (20.000,00 USD)

## FUNDING SOURCES



**Others include:**

Friendly Governments.

Largely from developed countries including a few developing countries.

## TECHNICAL ASSISTANCE/CAPACITY BUILDING RECEIVED



United Nations  
Framework Convention on  
Climate Change



Partnership on Transparency  
in the Paris Agreement





# ETF TRANSITION AND IMPLEMENTATION

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**Transition to the ETF is supported by the following initiatives:**

- Development of an MRV System proposal
- Continued capacity building of national stakeholders (ongoing)
- Fourth National Communication Project (in process)
- Funding approved for development of BTR1 (ongoing) with a amount of USD 600.000,00
- Support from Núcleo Lusófono for the transition to the ETF

THANKS FOR YOUR TIME

