

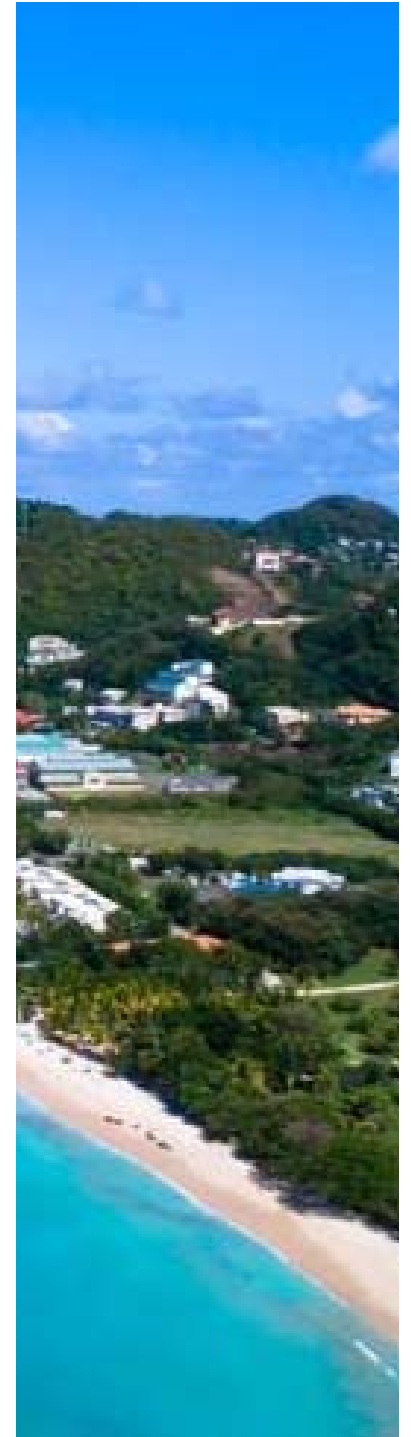
# Adaptation Priorities and Grenada's National Adaptation Plan

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Session: NAP Country  
Platform

29<sup>th</sup> October 2020

Presenter: Kerricia Hobson





# Climate change projections for Grenada

- Mean annual temperature projected to increase by 0.7 to 2.6°C by the 2060s, and 1.1 to 4.3°C by the 2090s
- Decreases in rainfall by max. 20% by 2060
- Changes in ocean surface temperature, More extreme weather events, such as tropical storms and hurricanes result in floods and severe winds which wreck havoc on the island's natural resources and economy.
- There is a reduction in the distinction between wet and dry seasons
- Sea-level rise
- Increase in number of hot days/nights

## Potential Climate Change Risks



Temperature increase as much as 3°C by 2070



A drop in average rainfall of 20%-40% by 2070



Sea level increase in conjunction with storm events



Increase in frequency and severity of storm events in the region

# Grenada National Adaptation Plan (2017 – 2021)

- **Vision: A resilient nation that continuously adapts to climate change by reducing its vulnerability through comprehensive adaptation strategies.**
- Main objectives of process are to:
  - Take medium- and long-term approach to reducing vulnerability to the adverse effects of climate change.
  - Facilitate integration of climate change adaptation into relevant new and existing policies, programmes and activities.

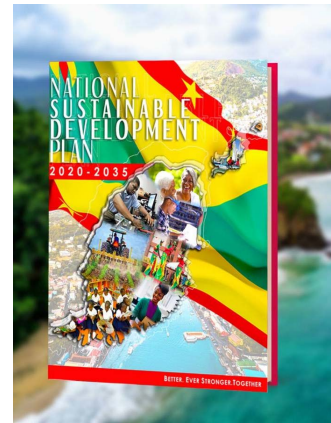


# Grenada National Adaptation Plan (2017 - 2021)



# NAP Alignment with GCF Country Programme and National Priorities

- Investment priorities developed as part of preparation of NAP
- NAP priority areas well-aligned in GCF Country programming and with other key policy documents including NDC, NCCP and NSDP
- Concept note development for project pipeline based on thematic areas
  - Health
  - Water
  - Agriculture and Food Security
  - Ecosystem resilience
  - infrastructure



Grenada is pleased to present its iNDC pursuant to decision 1 CP/19 and decision 1 CP/20 of the United Nations Framework Convention on Climate Change.

## Introduction

Grenada is a small island developing state located in the south eastern Caribbean, made up of several islands all with its own individual characteristics.

Grenada's total emissions are not significant in the global context with 2010 emissions being 251,649 tons of CO<sub>2</sub> - 0.0005% of total global emission. Notwithstanding this, Grenada is committed to fighting climate change and making its contributions to reducing greenhouse gas emissions in the context of the new legally binding agreement that will be adopted in December 2015 and will be applicable to all parties.

Grenada is committed to a low carbon emission development pathway which would have significant economic benefits as well as reduce its carbon footprint. Historically Grenada has been highly dependent on the importation of fossil fuels to meet its energy production and transportation needs, however in recent years efforts have been made to introduce alternative technologies into the energy mix. Electricity production from the use of solar has already surpassed 2% and is increasing as more businesses and individuals are taking advantage of the incentives provided to use solar technologies. Recent studies on geothermal power have given a conservative estimate of a 15MW potential.

# Current Efforts Under the NAP

- Water
  - GCF-approved project: Climate-Resilient Water Sector in Grenada
- Infrastructure
  - GCF-approved project: Integrated Physical Adaptation and Community Resilience in 3 Eastern Caribbean SIDS
- Agriculture
  - GEF6-approved project on sustainable landscapes
  - Other grant and capital projects addressing climate-smart agriculture
  - Climate-responsive national Covid recovery plan addressing food security
- Governance/ Institutional Arrangements
  - Cross-sectoral coordinating mechanism to strengthen and support implementation - CCFPN
  - Policy-level mechanism to provide strategic guidance and leadership on action - NCCC
  - Regular provision of information to and opportunities for feedback from wide cross-section of stakeholders - SDC



Climate-Resilient Water Users



Climate-Resilient Water Supply System



Additional Contributions of the Water Sector to Grenada's climate goals



# Measuring Progress and Effectiveness of Adaptation Efforts

- Collaboration and support from NAP Global Network
- Development of national NAP M&E Framework ongoing
  - Framework conceptualized
  - Analysis of system completed
  - Next steps include preparations for operationalization
- Pilot of system with water sector project M&E
- Current assessment of activities undertaken in preparation for review in 2021





# Thank you!

If you have any questions or comments,  
please do not hesitate to contact us!

Link to NAP:

[https://www4.unfccc.int/sites/NAPC/Documents/Parties/Grenada\\_National\\_Adaptation\\_Plan\\_2017-2021.pdf](https://www4.unfccc.int/sites/NAPC/Documents/Parties/Grenada_National_Adaptation_Plan_2017-2021.pdf)

Ministry of Tourism, Civil Aviation, Climate  
Resilience and the Environment

Ms. Desiree Stephen, Permanent Secretary  
[pssec@tourism.gov.gd](mailto:pssec@tourism.gov.gd)  
[ps@tourism.gov.gd](mailto:ps@tourism.gov.gd)

Mrs. Aria St. Louis, Head - Environment  
Division  
[environment.sec@gmail.com](mailto:environment.sec@gmail.com)

Ms Kerricia Hobson, Climate Change Focal  
Point - Adaptation, Environment Division  
[kerricia.hobson@climateresilience.gov.gd](mailto:kerricia.hobson@climateresilience.gov.gd)

Mr Trevor Thompson, NAP Focal Point  
[trevort\\_lud@yahoo.com](mailto:trevort_lud@yahoo.com)

