



Grenada - NDC Cooling Implementation Roadmap 2025 – 2030

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1 Introduction

In Grenada, the urgent need to address climate impacts demands a focused and strategic approach to mitigation. The National Cooling Action Plan (NCAP), launched in 2021, sets out four key action areas:

1. Building performance standards.
2. Improving the energy efficiency of refrigeration and air conditioning (RAC) appliances.
3. Transitioning to natural refrigerants.
4. Cross-cutting measures, including communication, capacity development, and enabling policies such as sustainable public procurement, financial support mechanisms, certification of RAC technicians, and an appliance take-back scheme.

These areas form the backbone of Grenada's strategy to reduce emissions in the RAC sector and promote sustainable cooling. Grenada's approach is mitigating climate impact while simultaneously enhancing adaptation, resilience, and local economic development.

In 2024 – 2025, the Government commissioned the development of an NDC Cooling Implementation Plan to refine the NCAP's policy recommendations for the 2025 – 2030 period. This roadmap details specific mitigation actions, assigns responsibilities to key stakeholder groups, and identifies potential financing sources.

This policymaker summary highlights the priority actions that the Government of Grenada, along with institutions and organizations, should undertake to bring these mitigation measures to life. It offers stakeholders clear recommendations and a practical timeframe for implementation.

From Roadmap to Results

Grenada's NDC Cooling Implementation Roadmap aims to set out a comprehensive and actionable framework to reduce greenhouse gas emissions and enhance climate resilience through sustainable cooling solutions.

The successful implementation of this roadmap will rely on three critical pillars: **coordinated policy action, sustained investment, and strong collaboration** between national stakeholders and international partners. By aligning efforts across government, the private sector, and civil society, and by leveraging technical and financial support, Grenada can unlock significant mitigation and adaptation benefits.

Grenada NDC Cooling Implementation Roadmap 2025 – 2030

Setting a pathway for RAC sector emission reductions under the Paris Agreement

Regulatory Framework

- **Building Code Enhancement:**
Strengthen codes with mandatory energy efficiency standards
- **MEPS Implementation:**
Strengthen Minimum Energy Performance Standards
- **HFC Control System:**
Implement licensing and quota system for HFCs

Market Development

- **Supply Chain Support:**
Incentives for businesses involved in energy-efficient materials
- **Refrigerant Management:**
Establish recovery recycling, and reclamation infrastructure



Capacity Building and Training

- **Workforce Development:**
Nation-wide training for construction professionals, energy auditors, and officials
- **Market Assessment:**
Comprehensive inventory of RAC sector including equipment types and energy consumption

Pilot Projects

- **Demonstration Projects:**
Energy-efficient building up grades and rooftop PV system pilots

Financial Incentives

- **Economic Mechanisms:**
Tax breaks, subsidies, and low-interest loans for energy-efficient construction
- **Public-Private Partnerships:**
Encourage partnerships between developers and public entities

Short-term

The years leading up to 2030 are decisive: Action taken now will shape the country's trajectory towards net-zero energy buildings and a climate-resilient future. With the right policies, technologies, and partnerships in place, Grenada has the opportunity to position itself as a regional leader in sustainable cooling and a frontrunner in climate innovation.

This roadmap is both a call to action and a guide for implementation. It invites all stakeholders to work together towards a shared vision of a cooler, cleaner, and more resilient Grenada.

Capacity Building

- **HFC Abatement Training:**
Focus on customs agencies and technicians
- **Energy Efficiency Training:**
KIP training on low-GWP alternatives

Research and Development

- **Innovation Investment:**
R&D for innovative materials and construction techniques
- **Advanced Solar Integration:**
Focus on advanced solartechologies for local market integration

Scaling-up Success

- **Expanded Implementation:**
Scale successful pilot projects by incorporating lessons learned
- **Infrastructure Growth:**
Increase energy-efficient buildings and solar PV installations

Regulatory Implementation

- **ODS Act Adoption:**
Montreal Protocol Controlled Substances Act

Monitoring and Improvement

- **Evaluation Systems:**
Establish robust monitoring to track progress and measure impact
- **Social Development:**
Public awareness and gender mainstreaming in RAC sector

Future Policy Development

- **KIP Stage II:**
Development and adoption of Stage II of the Kigali Implementation Plan

Medium-term

Long-term

Figure 1: Timeline of the roadmap key actions.



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