

Dominica reduced carbon emissions



Overview

The policies include becoming carbon neutral through 100% domestic renewable energy production, an increase of protected forest areas to 67% of Dominica's land mass, reducing total gross greenhouse gas (GHG) emissions below 2014 levels at 39.2% by 2025, reducing total gross. Dominica's latest total emissions are very small in absolute terms, contributing a negligible share of the global total. Even so, they consist of a mix of gases where carbon dioxide dominates, partly offset by removals from land use and forests. 7% by 2030 compared to the emission level of 2014. Transport emissions shall be reduced. The Caribbean has experienced widespread coral loss in recent decades due to a variety of interacting factors including bleaching, which has become more frequent due to higher ocean surface temperatures, a trend which will continue into the future as a result of climate change (Gardner et al.



Article Content

Dominica

The options were identified based on policies that are generally agreed to contribute to emissions reductions (IPCC, 2014), represent sector-level example policies, which have been successful in

Dominica

Carbon intensity: how much carbon does Dominica emit per unit of energy? Energy intensity – shown in the chart above – is one important metric to monitor whether countries are making progress in

A Caribbean island's quest to become the world's first climate ...

Small island developing states like Dominica are disproportionately impacted by climate change, meaning they stand to lose even more than other countries if the global community and big...

Govt targets 17% reduction in transport greenhouse gas

The current target is to reduce GHG emissions from the transport sector by 17% relative to 2014. “Therefore partners and stakeholders, the

DOMINICA s LOW-CARBON CLIMATE-RESILIENT DEVELOPMENT

Acknowledgements Foreword by Prime Minister Vision and Objectives of the Growth and Social Protection Strategy (GSPS) DOMINICA's LOW-CARBON CLIMATE-RESILIENT DEVELOPMENT STRATEGY Busan Building Block on Climate Change Finance and Development Effectiveness 3.1. Economy 3.3. Vulnerability Context Climate Change Impacts Impacts attributed to climate change in Dominica are: a change in average climate; sea-level rise; 3.4. Land Use, Protecting Carbon Sinks, and Enhancing the Resilience of Natural Ecosystems 3.5. Agriculture, Fisheries and Food Security Commodity Imports 3.6. Enhancing the Resilience of Water Resources 3.7. Coastal and Zones and Ecosystems 3.8. Human Health 3.9. Infrastructure and Human Settlements 3.10. Tourism 3.12. Educational Sector 4.2. Initial National Communication (INC) Phase II Project - Building Capacity to Respond to Climate Change 4.10. National Hurricane and Disaster Preparedness Plan for the Agriculture Sector 4. 11. Capacity Building and Mainstreaming of Sustainable Land Management (SLM) in the Commonwealth of Dominica 4.12. Growth and Social Protection Strategy Agriculture Natural Resources Fisheries Tourism and Private Sector Environmental Protection Green Economy Energy Conservation and Renewable Energy Vulnerable Communities 4.13. Development of Alternative Energy Sources 5. Policy, Legal and Institutional Analysis: Institutional Stratum Process See Figure 37. Rational for Climate Change Financial Support 7. Outline of Dominica's Low-Carbon Climate-Resilient Development Strategy: Low-Carbon Development Pathway Key: 7.1. Financing Options SIDSDOCK 7. 3. Investments under Adaptation Fund • Component 3 - Enhancing Ecosystem/Infrastructure Resilience and Promotion of Sustainable Human Settlements 8. Summaries of Investments 9. Gender and Climate Change We wish to express our sincere appreciation to all the Coordinating and Lead Author, Contributing Authors, Review Editors and Independent Technical Reviewer. Without their expertise, commitment, and integrity, as well as vast investments of time, a strategy of this quality could never have been completed. We would also like to thank the team from t... See more on unfccc t Our World in Data

Dominica - CO₂ and Greenhouse Gas Emissions Country Profile

This interactive chart shows the same data — CO₂ emissions from coal, oil, gas, cement and flaring — but as individual lines to see clearly how each is changing over time.

How are Caribbean countries advancing their climate goals?

The country is also focusing on reforestation and promoting agroforestry practices that help absorb carbon from the

Green Economy in Dominica – DOM767

The country's heavy dependence on imported fossil fuels has historically contributed to high energy costs and carbon emissions. To combat this, Dominica has prioritized hydropower, geothermal

Dominica | Climate Promise

It commits to reducing emissions by 45% below 2014 levels by 2030 and expands its mitigation targets across key sectors. To achieve these goals, the country is developing plans to harness geothermal

Low Carbon Transport Dominica

The Commonwealth of Dominica is a SIDS vulnerable to climate change and heavily dependent on imported fossil fuels. The Nationally Determined Contribution has

Dominica's Progress and Recent Impact

Dominica's Progress and Recent Impact Key Insights Latest Emissions At A Glance Dominica's latest total emissions are very small in absolute terms, contributing a negligible share of

Dominica's Progress and Recent Impact

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4 critical principles of Dominica's climate resilience

Dominica aims to become carbon neutral through 100% domestic renewable energy production, which includes investment in a geothermal plant

A Caribbean island's quest to become the world's first

The Caribbean island of Dominica is one of the world's most at-risk places from climate change. Can it fulfil plans to become the world's first climate

GREENHOUSE GAS MITIGATION ASSESSMENT FOR DOMINICA

CER CFB CFL CH4 CNG CO2 CO2 e COP CSO DNA DOMLEC Barrel barrel oil equivalent Clean Development Mechanism Caribbean Energy Information System Certified emission reductions

Green Economy in Dominica - DOM767

Reduce electricity costs by at least 40% once fully operational. Cut carbon emissions by 50,000 metric tons per year. Increase the share of renewable energy in Dominica's energy mix to over 60%. Once

INTENDED NATIONALLY DETERMINED CONTRIBUTION (INDC)

Intended Nationally Determined Contribution Dominica as a small island developing State is vulnerable to current and ongoing impacts from climate change. Facing ever escalating social, environmental

Dominica | Follow-up of Nationally Determined Contributions in Latin ...

Dominica has a relative target of reducing greenhouse gas (GHG) emissions by 44.7% by 2030, compared to 2014 emission levels, which implies not exceeding 73.5 gigagrams of CO₂.

Nationally Determined Contribution (NDC) of Dominica

Dominica's Nationally Determined Contribution (NDC) is its climate action commitment under the Paris Agreement. The 2022 update defines its

Dominica explores possibilities for national low carbon

The Government of Dominica is currently hosting a series of workshops to explore the possibilities for a national Low Carbon Transport

Carbon Dioxide Emissions by Country 2025

Compare carbon dioxide emissions across 204+ countries in 2025. Seychelles leads with 893,000, followed by Burundi at 838,000. Interactive map and full rankings.

Dominica among countries leading the way to net zero

"Dominica is committed not just to adapting to climate change, but also to doing its part to reduce any contribution, however small, to greenhouse gas

Dominica among countries leading the way to net zero by 2030 - study

Dominica is among four countries worldwide that's leading the race to net zero by the year 2030, a study by the British company DriveElectric has revealed.

Dominica paves path to reduce carbon footprints to fulfil climate ...

The plant is expected to be operational by 2023 and will enable the country to reduce its reliance on fossil fuels. The plant will ensure that the country is powered by renewable energy,

Greenhouse Gas Emissions In Dominica

What percentage of global greenhouse gas emissions does Dominica produce?
Dominica produced 0.01% of global greenhouse gas emissions in 2021

The Commonwealth of Dominica's Updated Nationally Determined ...

The overall aim of this policy is to reduce the total greenhouse gas emissions to 45% below 2014 levels by 2030. This NDC includes targets for all three pillars of climate action: mitigation, adaptation and

Dominica's Yearly Greenhouse Gas Emissions in CO₂ Equivalent

Key Insights Long-Run Emissions Profile Dominica's historic emissions are modest in scale, but their composition matters. Fossil CO₂ and methane together account for roughly four-fifths

Contact Us

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