

DO or DIE:

A DATA EXPLORATION OF CARBON EMISSION TO IMPROVE THE IMPLEMENTATION OF NDC IN THE PHILIPPINES

TEAM CODE POLTERGIES

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SUSTAINABLE DEVELOPMENT GOAL

7 AFFORDABLE AND
CLEAN ENERGY



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE
ACTION





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SAVE ENVIRONMENT

THE WORLD TODAY

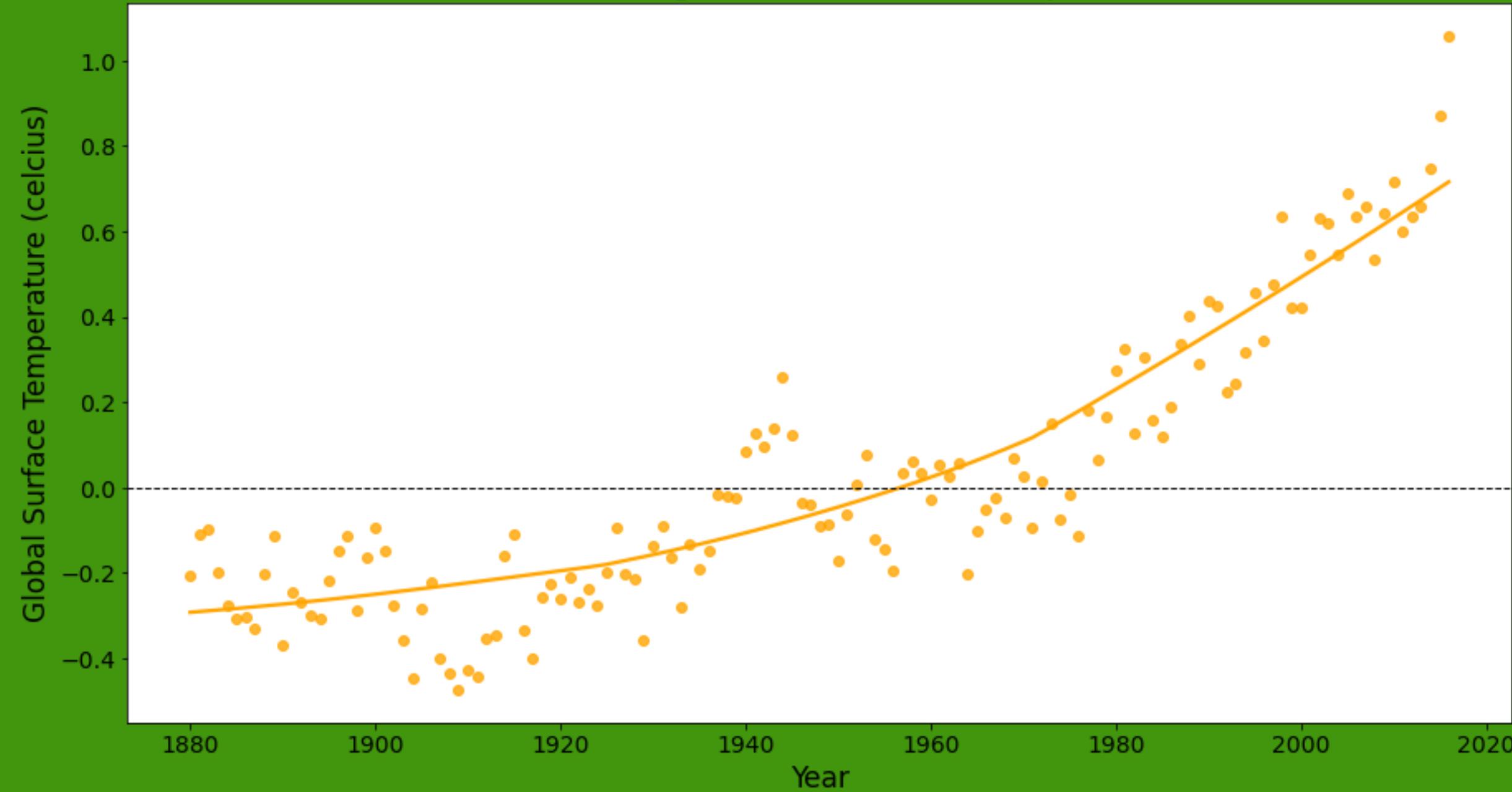
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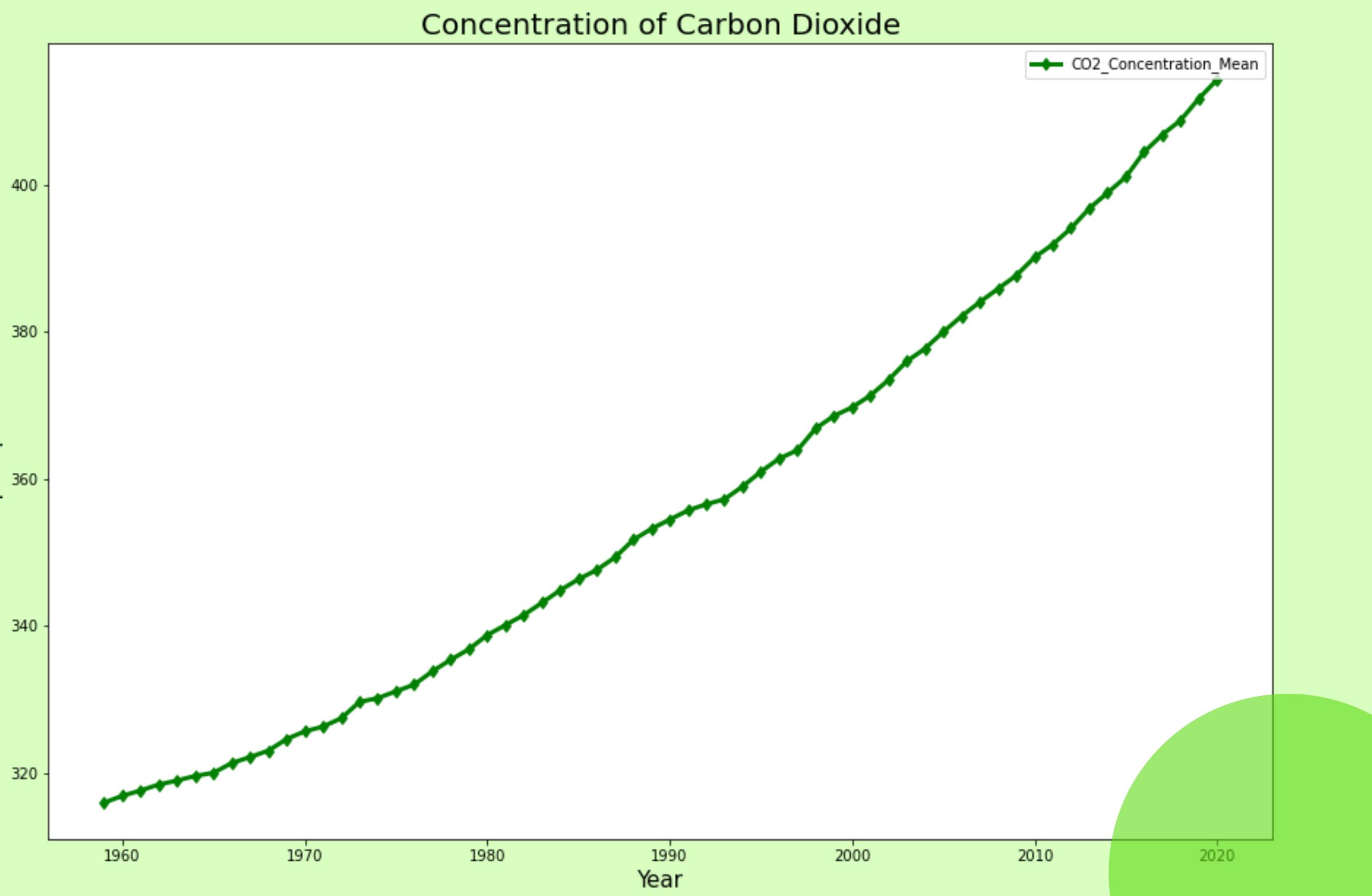
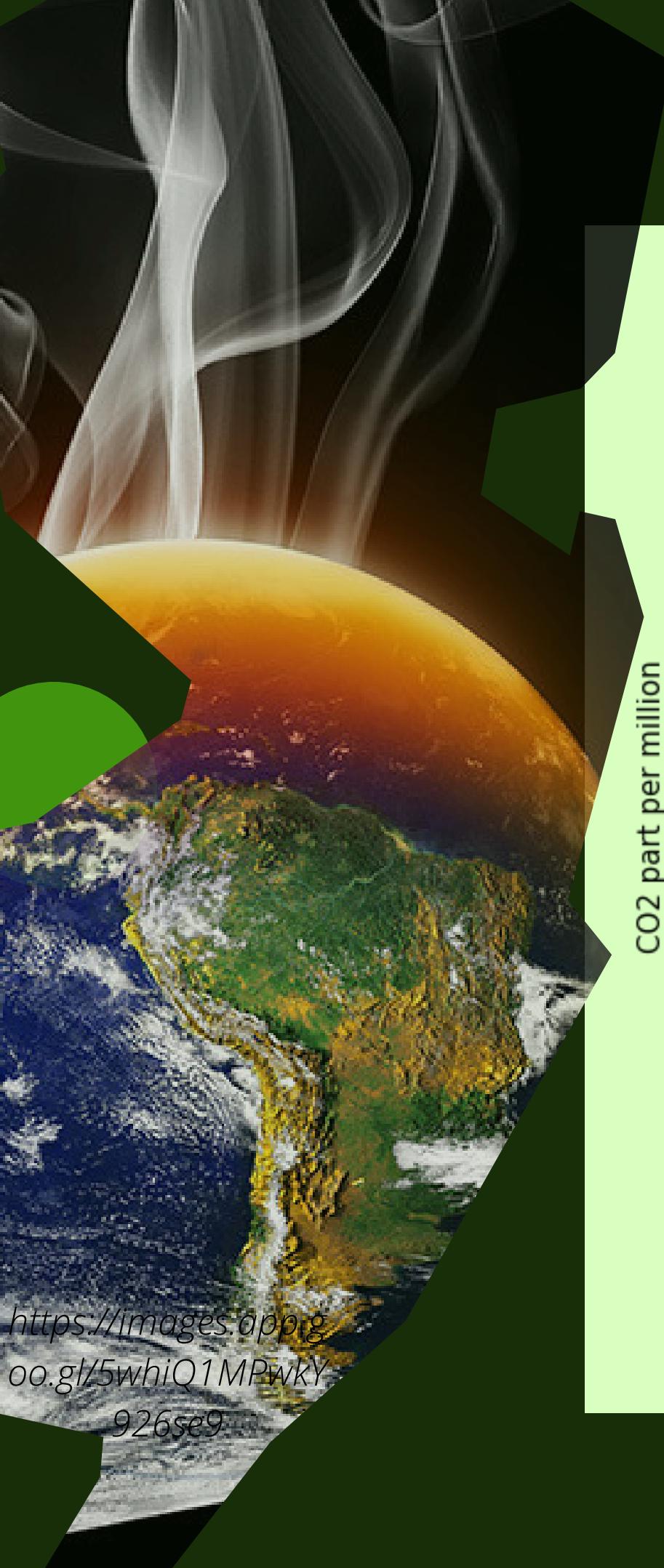
"For someone to risk their career, to risk their freedom, to risk even their life, it creates a very strong statement that what they're fighting for is important," Peter Kalmus, a climate scientist



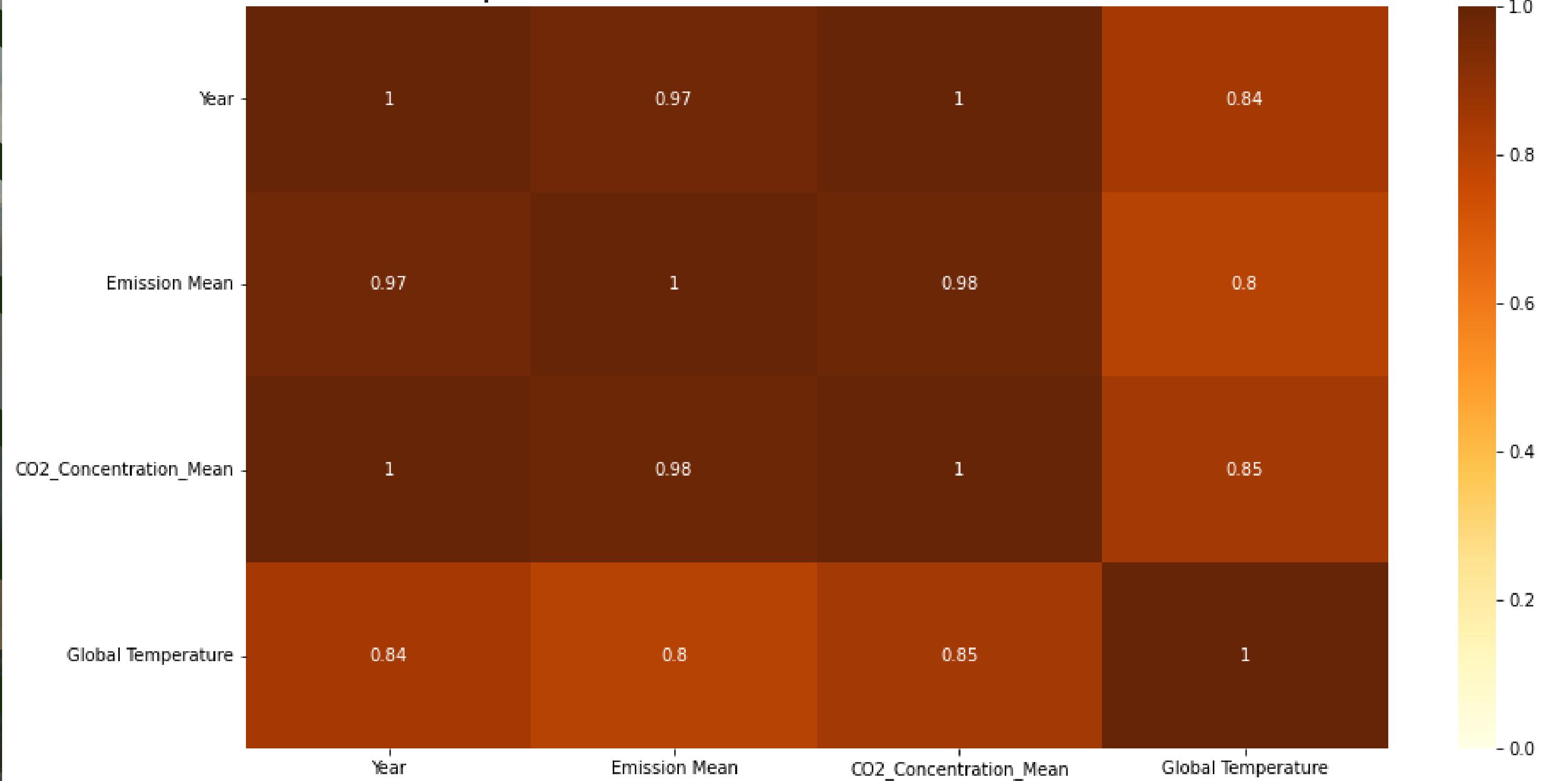
<https://youtube.com/shorts/hDOHahlleay?feature=share>

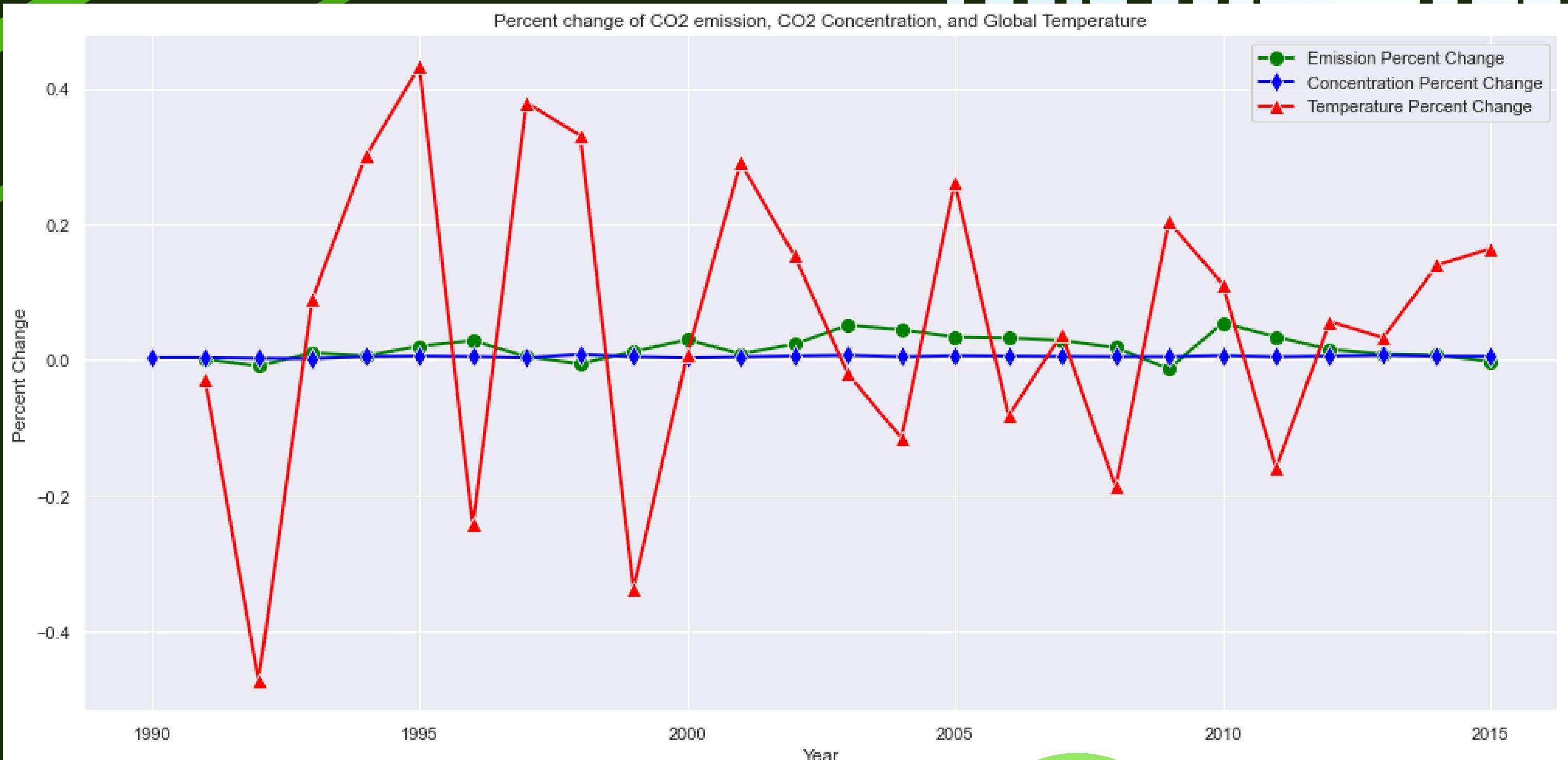
Annual Average Global Surface Temperature





Global Temperature, CO2 Emmission, and CO2 Concentration



Percent change of CO₂ emission, CO₂ Concentration, and Global Temperature

NATIONAL DETERMINED CONTRIBUTION (NDC)

The administration of President Rodrigo Duterte presented the Philippine MDC, however, the aforementioned NDC lacks clarity in terms of how it would be implemented and attained.

DEVELOPMENT OF THE PHILIPPINES' NATIONALLY DETERMINED CONTRIBUTIONS



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PARIS AGREEMENT AND NDCs

The Nationally Determined Contribution (NDC) is the heart of the Paris Agreement (PA), the global climate change regime that was agreed at the 21st Conference of Parties (COP21) of the United Nations Framework Convention on Climate Change (UNFCCC) on 12 December 2015.

The NDC should guide the country's long-term development plan towards a climate-resilient and low-carbon pathway. Through the NDC, each country communicates the actions that it is willing to take to help achieve the PA goal of limiting global average temperature increase to below 2°C above pre-industrial levels and pursuing efforts to limit it to 1.5°C. The NDC should promote the country's economic development and industrialization goals while contributing to the global efforts to stabilize the earth's climate.



DEVELOPING THE PHILIPPINE NDC



The NDC development process is currently in the reconstruction phase and involves a series of inter-agency consultations and training workshops to ensure that the NDC is firmly grounded on scientific and technical considerations premised within national circumstances, while recognizing the critical political processes at play.

The CCC is leading the transition from the INDC to the NDC through a whole-of-government, whole-of-country approach with emphasis on adaptation as the anchor strategy, and the pursuit of mitigation as a function of adaptation.

Given the economy-wide scope and potential impact of the NDC, stakeholder involvement throughout the process of NDC preparation is a critical element of the NDC roadmap. The CCC has thus endeavored to inform and seek feedback from the stakeholders at the critical steps of the process.

https://climate.gov.ph/public/ckfinder/userfiles/files/Knowledge/NDC%20Briefer%203_1%20Optimized-page1_1600062989.pdf

Based on the identified sources and sinks of greenhouse gases (GHG) and in line with the established IPCC Guidelines on GHG accounting and reporting, sectoral disaggregation was carried out to identify sector-specific climate change mitigation options and adaptation priorities. Key source sectors and sinks are also in congruence with the provisions of Executive Order 174: Agriculture, Waste, Industry, Transport, Forestry, and Energy (AWIT-FE).



The CCC is facilitating the institutional approach to developing and eventually implementing the NDCs, i.e. securing high-level political and technical buy-in and concurrences to affirm our ownership and reinforce the data integrity of the NDC, aiming at mainstreamed and sustained processes within and among national agencies and other relevant institutions.

NON-NEGOTIABLE ELEMENTS

The NDC shall support national development objectives and priorities such as:¹

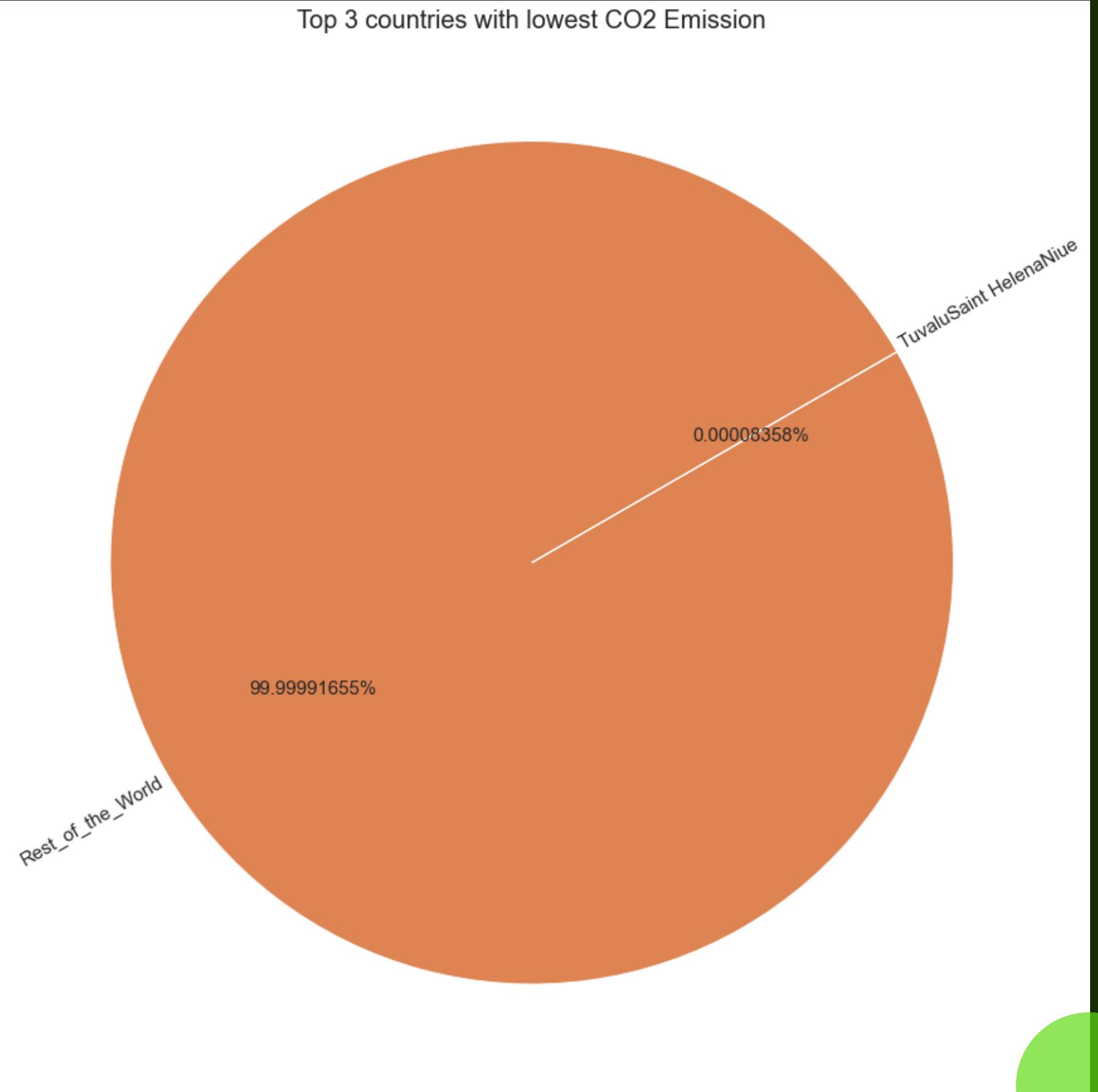


SUSTAINABLE INDUSTRIAL DEVELOPMENT
POVERTY ERADICATION AND PROVISION OF BASIC NEEDS
SECURING SOCIAL AND CLIMATE JUSTICE
ENERGY SECURITY

MITIGATION will be pursued as a function of ADAPTATION.

Anchored to the overarching national policy and planning frameworks², the Philippine NDC will transition our economy as fast as technologically feasible and practicable, into a low-carbon and sustainable development and shall not, in any way, detrimentally affect the country's economic development objectives and priorities, including its industrialization potential. It will be country-driven with the ultimate goal of a climate-smart and climate-resilient Philippines.

Top 3 countries with lowest CO2 Emission



SAVE ENVIRONMENT

TOP 3 COUNTRIES WITH LOWEST CO2 EMISSION

TUVALU



<https://images.app.goo.gl/Ts6Y2cSAe6xWsoZHA>

SAINT HELENA



<https://images.app.goo.gl/t9enS4DmUt2Fz4b6>

NIUE



<https://images.app.goo.gl/mEgPXYxobio2fyL9>

Laws, Policies and Plans

TUVALU

Environment protection Act (2008)

Climate Change Resilience Act

national Adaptation Programme of Action (2007)

Climate Chnage Policy (2012-2021)

National Strategy for Sustainable Development- 'Te Kete' (2021- 2030)

 is policy that defines the role of **Department of Environment** to respond on environmental challenges

 is policy that defines a strong climate change response to improve the resiliency of Tuvalu towards climate change

 this program determines the participation in decision making and promotes the awareness of the citizens for climate adaptation

 is the policy that strengthens the communication system in the country in order to address the climate issues

 one of the key policies that improves the resiliency of the country towards climate change

Laws, Policies and Plans

SAINT HELENA

Energy: 100% Renewable Saint Helena



this project aims to lessen the reliance of Saint Helena to fossil fuels as energy source but rather they use solar and wind to obtain renewable energy

NIUE

Pacific Adaptation to Climate Change Niue



this policy improves the resilience in three sectors: water resource, food and coastal zone



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THANK YOU

W W W . R E A L L Y G R E A T S I T E . C O M

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