



IMPACT SERIES

SUPPORTING

CLIMATE ACTION

ON THE FRONTLINES OF CLIMATE CHANGE

United Nations Development Programme (UNDP) Multi Country Office in Jamaica
Serving Jamaica, Bermuda, Cayman Islands, The Bahamas, Turks and Caicos Islands



Our Mission

UNDP works in about 170 countries and territories, helping to eradicate poverty, reduce inequalities and exclusion, and build resilience so countries can sustain progress.

3

Reasons why UNDP supports climate resilience, including climate change adaptation & mitigation.

1

Small Island Developing States (SIDS) in the Caribbean contribute less than 1% of global-warming Green House Gas Emissions but remain perilously on the frontlines of the impacts - floods, drought, storm surges and coastal erosion to name a few. Livelihoods, infrastructure, towns and cities are at risk.



2

Climate Change is an existential threat that endangers human existence, hard won development gains and livelihoods. Building climate resilience is important to safeguard lives and development gains while averting sharp increases in poverty.



3

By bolstering national capacities and advancing meaningful solutions at the national and community levels, Small Island Developing States on the frontlines of climate change can weather crises more successfully, ensuring quicker rebound of their economies. ●



UNDP & Climate Action



Globally, UNDP is one of the largest service providers in the United Nations (UN) system supporting countries on climate change adaptation and mitigation. UNDP's partnership with Jamaica on climate action spans decades, and in The Bahamas is of recent vintage. UNDP support is focused primarily on policy formulation, institutional strengthening, research and international reporting commitments, as well as community-based adaptation and mitigation. UNDP's work in Climate Change constitutes the lion's share of its programming—more than 40%. ●

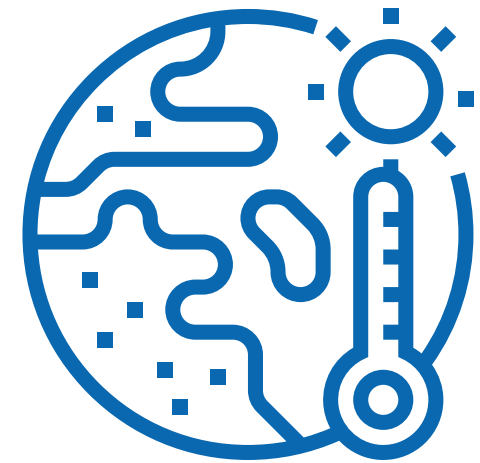


Supporting Climate Action



Measuring the State, Rate of Climate Change

Preparation of Jamaica's National Communications and Biennial Update Reports has been supported by UNDP since 1994. These reports measure national climate action progress under the UN Framework Convention for Climate Change, including the Paris Agreement. ●



**UNDP has helped
Jamaica monitor
its climate action
progress since
1994**

Helping Countries Fulfil their Climate Requirements

Through the Climate Promise, UNDP is currently supporting The Bahamas and Jamaica in meeting its Nationally Determined Contributions - their key climate action commitments tailored to reduce the countries' carbon footprint. ●

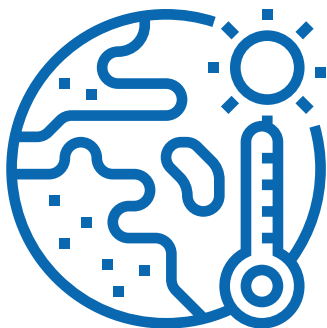




Institutional Capacity to Tackle Climate Change in Jamaica



Technical support to the establishment of Jamaica's Climate Change Division (CCD) was provided by UNDP in 2012. Today, the Division is highly respected and globally recognized for leading Jamaica's transformation towards a climate-resilient society. ●



UNDP helped Jamaica establish its
Climate Change Division





Capacity Building

Climate Proofing Training for government policy analysts is just one example of capacity building programmes supported by UNDP. Climate Proofing training is geared towards strengthening the integration of Climate Change risks, opportunities and challenges into national policies and plans. ●



Mainstreaming Climate Change in Dialogue and Local Actions



UNDP supported the expansion of the national dialogue on Climate Change through pre and post Conference of Parties (COP) consultations, Uncut Conversation series on Climate Change, Youth dialogues and Voices for Climate Change Education. ●

Supporting Communities on the Frontlines of Climate Change



The UNDP-implemented GEF Small Grants Programme in Jamaica has financed 113 community-based climate change adaptation and mitigation projects, representing more than US\$5.3 Million in grant funding since 2005.





GEF SGP in Jamaica has supported and partnered with communities in protecting biodiversity, reversing land degradation, as well as advancing sustainable livelihoods, renewable energy, water and food security and recycling.



113 community-based climate action projects over a 18-year period in Jamaica through the UNDP-implemented GEF Small Grants Programme

GEF SGP support = watersheds restored; biodiversity protected; denuded areas reforested; coral reefs brought back to life, and renewable energy technologies advanced. As a result, hundreds in Jamaica and The Bahamas are now generating income for their families while preserving the environment.

Beating Drought through Water Harvesting



Water harvesting systems were donated to 70 training institutions through a UNDP/Climate Change Division/Jamaica 4H partnership with funding from the government of Japan. This brought an additional 65,800 gallons of water to vulnerable communities, benefitting 101,732 persons.





Water storage capacity has expanded by more than 2.2 million gallons to 128 communities in Jamaica over a seven-year period through extensive water harvesting projects implemented by UNDP and GEF SGP in underserved communities with the support of Japan, the Human Security Trust Fund and Australia Aid. ●

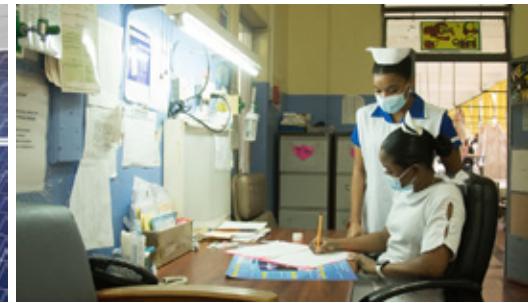


By expanding water storage capacity more than 2.2 million gallons to 128 communities in Jamaica, UNDP/GEF SGP has helped bring potable water to thousands; and facilitated: new ventures in medicinal plants and aquaponics; expansion of agroforests, crops and livestock for food security; reopening of schools; reopening or expansion of businesses and farms.

Reducing Carbon Emissions through Renewables and Energy Efficiency

Six hospitals in Jamaica have been completely retrofitted with LED bulbs and three of the six with grid-tied solar photovoltaic systems under a Global Environment Facility funded project.

Solar energy systems have taken key segments of community spaces, farms and schooling operations off the grid through the UNDP-implemented GEF SGP, and many residents have been trained in basic LED technology, Solar technology, LED Assembly and Design. ●



A 17.6% average decline in energy bills was recorded at three of the LED-retrofitted hospitals within 3 months of installation.

The solar systems generate an additional 17 megawatts of power per annum in the smallest of the three hospitals with savings amounting to millions since installation.

The LED and solar installations are projected to reduce the public health sector energy bill by 22% annually.

Testimonials



“

This is a very significant project to the health sector. Energy consumption is a critical part of our operations ... to a large extent this is a very impactful project, and we hope to be able to expand to other facilities to see a change in our energy consumption in health facilities.

”

Leslie James

Ministry of Health and Wellness' former senior director for project management and health facilities, speaking on a renewable project in six health facilities.



“

The experience was great ... The fact that I was once an inner-city youth ... know how the rough life was. By knowing this technology, it took me to a level where I'm actually working now, to the point where I can sustain myself.

”

Cary Grant

Solar PV instructor and entrepreneur
Beneficiary of a GEF Small Grants Programme project in Majestic Gardens, Kingston, Jamaica.



“

We are planting less but reaping more. I now plant half the area, but reap twice the amount, while harvesting more crops with more weight over a longer time with more weekly income” ... It was never like that before. Farmers are saying it's the way to go, and that if we had more rainfall, we could reap another 200%


”


Euxan Smith

Farmer and president, Mt Airy Farmers Group, Jamaica, participant in a climate smart agriculture and water harvesting Human Security project.



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