

Periled by climate change, Marshall Islands makes carbon pledge

July 19 2015



Marshall Islands President Christopher Loeak, pictured in 2014 in front of his home in Majuro, raised the height of a seawall around his property following tidal floods in response to a "climate emergency"

The Marshall Islands, a small island country at high risk of climate change-induced sea level rise, vowed Sunday to cut greenhouse gas emissions by a third within a decade.

In a pledge to be officially filed with the UN next week, the sparsely populated cluster of Pacific atolls becomes the first small island nation to submit a carbon-cutting pledge ahead of a year-end conference in Paris tasked with producing a world climate pact.

It is also among the first developing country to commit to lowering—rather than merely slowing—the growth of CO2 output.

"We will reduce emissions by 32 percent below 2010 levels by 2025," Foreign Minister Tony de Brum told AFP.

"And we will aim for a 45-percent reduction by 2030. This is in line with our longer-term vision to move towards zero-net emissions by 2050."

In the overall effort to curb global warming, these are symbolic numbers.

The Marshalls, with only 68,000 inhabitants and virtually no industry, accounts for an infinitesimal percentage of the planet's carbon pollution.

At the same time, [climate change](#) is a life-and-death issue for dozens of small island nations and underdeveloped countries, especially in Africa.

"As a people and a nation, our very survival is absolutely threatened by the effects of climate change," de Brum said ahead of a 45-nation climate meeting of foreign and environment ministers starting in Paris on Monday.

"We want to make sure that the voice of the most vulnerable is heard in the process and taken seriously."

The low-lying Marshall Islands has been devastated in recent years by storm surges amplified by [sea level rise](#) as well as severe drought—impacts scientists say are consistent with climate change.

As a members of the Alliance of Small Island States (AOSIS), The Marshalls want the global temperature rise to be capped at 1.5 degrees Celsius (2.7 Fahrenheit) above pre-Industrial Revolution levels, rather than the 2.0 C threshold embraced by the 195-nation UN Framework Convention on Climate Change (UNFCCC).

The Paris agreement will be supported by a roster of voluntary national CO₂-reduction pledges, but commitments submitted so far suggest that even the less ambitious goal is in doubt.

"With most of the big emitters' targets now on the table, everyone knows we are falling well short," de Brum said.

"Our message is simple: if one of the world's smallest, poorest and most geographically isolated countries can do it, so can you."

China, the United States, the European Union and Japan -- which together account for more than half of global CO₂ emissions -- have already published their targets.

Projected sea-level rise and enhanced storm surges, even under optimistic [greenhouse gas emission](#) scenarios, may force the inhabitants of some island nations to relocate before the end of the century.

© 2015 AFP

Citation: Periled by climate change, Marshall Islands makes carbon pledge (2015, July 19)
retrieved 23 April 2024 from

<https://phys.org/news/2015-07-periled-climate-marshall-islands-carbon.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.