

Federal Republic of Nigeria

Agenda 12: Space and Climate Change

Mr. Chairman

In line with the importance that Nigeria attaches to the issues of climate change, the Climate Change Act was approved in 2021. The Act provides for an ambitious framework for mainstreaming climate actions in line with national development priorities and sets a net-zero targets for 2050-2070. The Act codifies national climate actions by mandating the Ministry of Environment to set, among others, a carbon budget, keeping average increase in global temperature within 2°C and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels. The Act further approves the formulation of a National Climate Change Action Plan in every five-year cycle to ensure that the national emission profile is consistent with the carbon budget goals and prescribes measures for identifying actions for climate adaptation and mitigation.

Mr. Chairman

The Act applies to both public and private entities within Nigeria's territorial jurisdiction and directs both to implement mechanisms geared towards fostering a low-carbon emission, environmentally sustainable, and climate resilient society. The Act obligates any private entity with employees numbering 50 and above to put in place measures to achieve the annual carbon emission reduction targets in line with the Action Plan; and designate a climate change officer responsible for submitting annual reports to the National Climate Change Secretariats, at achieving its carbon emission reduction and climate adaptation plan.

The Act also established the National Council on Climate Change, to be chaired by Mr. President.

Mr. Chairman,

Nigeria has continued to use its space resource in carrying out research related to climate change in the country with a view to providing adequate data to Government at all times which will be used for the preparation of

the National Climate Change Action Plan. Some of the completed projects include:

- a. Desertification in the Sahel Region: A Product of Climate Change or Human Activities. A Case of Desert Encroachment Monitoring in North-Eastern Nigerian Using Remote Sensing Techniques.
- b. Geospatial Evaluation of Climate Change-Induced Ocean Warming/Sea Level Rise and Its Impacts on the Coastland of Southwest Nigeria.
- c. Investigating and analyzing Sahelian Dust in Nigeria (2000-2020) and its impact on the Environment and Biomass using Remote Sensing Satellite Technology