



Priorities of CARICOM regarding: Climate Change, Sustainable Development and Data Innovation

8th International Conference on Big Data and Data
Science for Official Statistics

*“Informing Climate Change policies for the Caribbean and
Latin America using data innovation”*

11 June 2024



Overview of Presentation

- ❖ Background
- ❖ Overview
- ❖ RSDS Strategic Priorities and Status of Work in relation to Climate Change, Sustainable Development and Data Innovation
- ❖ Strategic Drivers/Enablers of the CARICOM RSDS and Status of Work in relation to Climate Change, Sustainable Development and Data Innovation



Background:

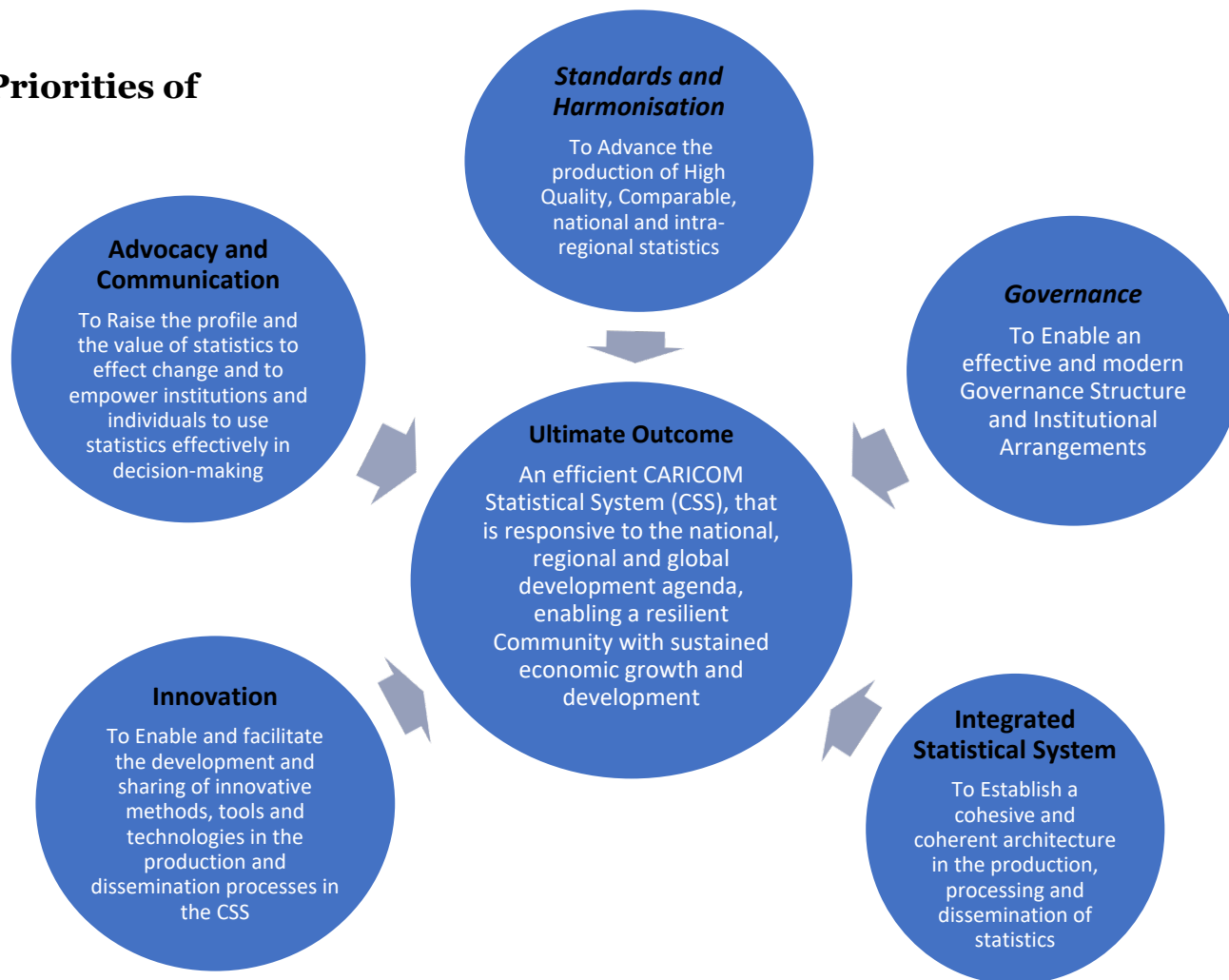
CARICOM Regional Strategy for the Development of Statistics (RSDS)

- **The CARICOM Heads of Government of CARICOM (HGC) endorsed The CARICOM RSDS at the 39th HGC in July, 2018.**
- CARICOM RSDS theme: ***Building Resilience of the Caribbean Community.***
- Ultimate Outcome: ***An efficient CARICOM Statistical System (CSS), that is responsive to the national, regional and global development agenda, enabling a resilient Community with sustained economic growth and development.***
- The CARICOM RSDS is **the overarching strategy** governing the priorities of CARICOM regarding: Climate Change, Sustainable Development and Data Innovation.



Overview of the CARICOM RSDS

Strategic Priorities of the RSDS





Overview of the CARICOM RSDS –Strategic Drivers

Strategic Drivers/Enablers of the RSDS:



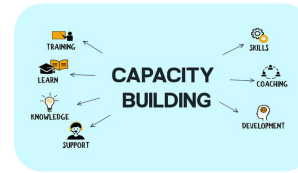
IT Infrastructure

The engine for the data revolution to enable the production of statistics in the “post-2015 development agenda. Transforming the national and regional Statistical Systems Significantly and enhancing efficiency in the production of data



Sustainable Development Goals/Samoa Pathway

Comprising 17 goals, 169 targets and 230 plus indicators that will drive the development of statistics to monitor development over the period of the RSDS. The SAMOA Pathway will also drive the production of statistics in the data eco-system of the CSS



Sustainable Capacity Building

Sustainable capacity building is a strategic driver in sustaining the production and dissemination of statistics in the CSS. A cross-cutting drivers for achieving the strategic objectives and ultimate outcome



Gender Mainstreaming

The 20-year review of the Beijing Platform for Action on gender equality and women’s empowerment (Regional Review Meeting, Geneva, November 2014) emphasised the importance of the production of Gender Statistics on pertinent Gender issues. A cross-cutting drivers for achieving the strategic objectives and ultimate outcome.



CARICOM RSDS Strategic Priorities

Standards and Harmonisation

- **SH1: Strengthen and implement a common programmatic approach to systematising the production of high-quality harmonised statistics based on alignment of the National Statistics Work Programmes (NSWP) with the common and updated Regional Statistical Work Programme (RSWP)**
- **SH2: Facilitate conformity of the approaches to the production and dissemination of statistics at the national level with international and regional statistical standards**
- **SH3: Advance the implementation of the CARICOM Code of Good Statistical Practices (CGSP) and finalise the development and commence implementation of the CARICOM Quality Assurance Framework (CQAF)**



CARICOM RSDS Strategic Priorities

Governance

- **GOV1: Strengthen and support the Regional Coordination mechanism of the CSS as an overarching governance structure, for the transformation and modernisation of statistics in the CSS**
- **GOV2: Modernise the Governance Structures of the National Statistical Systems (NSS) specifically of the National Statistical Offices**
- **GOV3: Enable the Development of Coordinated National Statistical Systems**
- **GOV4: Enable a regional mechanism to sustainably support/fund the development of statistics from national, regional and international sources, inclusive of in-kind resources**
- **GOV5: Build strategic partnerships with relevant partners (such as, IDPs, the private sector, national, regional and international universities including private universities) for the development of statistics in the CSS**



CARICOM RSDS Strategic Priorities

Integrated Statistical System

- **ISS1: Develop and implement a common statistical architecture for the CSS based on a statistical Business Process Model**
- **IISS2: Exploit the opportunities and advance the adoption and implementation of new and existing methodological frameworks and data sources, (such as CARICOM_SIDS specific methodologies, surveys, administrative data and Big Data applications)**
- **ISS3: Enable the application of an interoperable ICT infrastructure in the development and functioning of the CSS**



CARICOM RSDS Strategic Priorities

Innovation

- **INV1: Develop and implement an interoperable network of national, regional and global platforms of data services and applications (such as Open Data, Cloud Computing and Statistical Data and Metadata eXchange (SDMX)-based applications)**
- **INV2: Promote and enable innovations in modern methodological and analytical advances in Statistics including the new approaches of data science, that are suited/can be adapted for CARICOM SIDS**



CARICOM RSDS Strategic Priorities

Advocacy and Communication

- **AC1: Develop and promote sustained communication and advocacy strategies in support of the transformation and modernisation of statistics in the CSS**
- **AC2: Develop and implement frameworks on statistical literacy in CARICOM**
- **AC4: Develop and implement dissemination frameworks and platforms including websites, data hubs and portals**
- **AC3: Develop a CARICOM Statistics Brand as a hallmark of quality, nationally, regionally and internationally; and**
- **AC4: Develop and implement dissemination frameworks and platforms including websites, data hubs and portals**



Status of Work in relation to Climate Change, Sustainable Development and Data Innovation under Strategic Priority

Standards and Harmonisation

- Work continued on the production of high-quality harmonised statistics under:
 - Environment and Climate Change Statistics for Fifth CARICOM Environment in Figures publication
 - SDGs indicators from two sources:
 - ✓ Voluntary National Reviews, and
 - ✓ SDGs indicator data submitted in Excel by Member States
- Support under the 11th EDF (Ongoing):
 - Technical Assistance to strengthen the capacity of NSS to produce & disseminate harmonised statistics on Environment and Climate Change;
 - Consultancy launched to strengthen capacity in the conduct of Census data analysis and dissemination in promoting the use of census data including the use of Geographic Information System and CAPI /data processing;



Status of Work in relation to Climate Change, Sustainable Development and Data Innovation under Strategic Priority

Standards and Harmonisation

- Support under the 11th EDF (Ongoing):
 - Improving Statistics in CARICOM through the Implementation of the CARICOM Quality Assurance Framework for Statistics (CQAF) and a System of Peer Review against the CARICOM Code of Good Statistical Practices (CGSP)
- Work planned in collaboration with the Regional Statistics Programme (RSP) of the CARICOM Secretariat, SDG-TWG and IDPs to build capacity in the production of SDG Indicators;
- Support under ISTAT project completed:
 - “CARICOM – Capacity- Building in Statistics to support RSP and Member States NSOs in increasing the range of complete and reliable information in Agriculture, Environment Statistics and Climate Change, and Gender Statistics.



Status of Work in relation to Climate Change, Sustainable Development and Data Innovation

Governance

- Assessment to be conducted in 2024: Future state for the coordination of the Regional Statistics Programme (RSP) - project funded by the CDB.
- Work in progress in specific countries or undertaken in the past including review of statistics legislation, modernising NSO or NSS instituted – or in progress for both items. E.g Trinidad and Tobago, Jamaica, Grenada, The Bahamas, Antigua and Barbuda to create an enabling environment for data production and innovation
- Work started on the review and revision of the CARICOM Model Bill which gives more prominence to big data, administrative data and alternative sources as well as data anonymisation.



Status of Work in relation to Climate Change, Sustainable Development and Data Innovation

Governance

- CARICOM RSP has commenced the review and reconstitution of existing Technical Work Groups (TWGs) in the areas of **Environment and Climate Change** and **SDGs** and has launched new TWGs in the areas of:
 - Innovation
 - Advocacy and Communication, and
 - Integration of Statistical and Geospatial Information



Status of Work in relation to Climate Change, Sustainable Development and Data Innovation

Integrated Statistical System

- 11th EDF Consultancy to commence on the implementation of a statistical business process model [GSBPM -Generic Statistical Business Process Model] One of the areas of focus is Environment and Climate Change Statistics
- 11th EDF Consultancy almost completed on the Establishment of a Central Repository for Statistics at the CARICOM Secretariat building on the SDMX platform; Environment and Climate Change Statistics is part of this repository
- Held workshop on the integrated geospatial information framework in collaboration with OECS and ECLAC in 2023



Status of Work in relation to Climate Change, Sustainable Development and Data Innovation

Innovation

- Training commenced on SDMX; Istat assisted pilot countries and the RSP with the SDMX installation
- CARICOM Secretariat in collaboration with the Statistical Office of the European Union (Eurostat) convened a Training Workshop on the Statistical Data and Metadata eXchange (SDMX) in April 2024
- TWG on Innovation developed
- 11th EDF Consultancy advanced on strengthening capacity in census data cleaning, analysis, and dissemination incorporating the use of Geographic Information System (GIS) and Infographics
- ONS- UK/PRASC conducted pilot training in data science in the Region.



Status of Work in relation to Climate Change, Sustainable Development and Data Innovation

Advocacy and Communication

- CARICOM-RSP launched revamped website
- Observances of Caribbean Statistics Day annually on October 15;
- TWG on Communications and Advocacy launched at 48th SCCS in The Bahamas 2023
- High Level Forum (HLF) to be held in Grenada, July 2024:
 - The HLF launches the year of Statistics in CARICOM and advances the RSDS
 - Theme of the Year of Statistics - “Improving Lives through Statistics: Strengthening and Innovating together”
 - There will be a special panel on Innovation in Statistics
 - To launch innovative technologies E.g Overlay of census data on GIS platform, ECISTAR- Electronic CARICOM Institute for Statistics Training and Research.



Strategic Drivers/Enablers of the RSDS - Status of Work in relation to Climate Change, Sustainable Development and Data Innovation

IT Infrastructure

- Online Knowledge base , E-learning Platform e-CISTAR;
- Support to CAPI training, development of management framework for Census;
- Census e-portal developed;
- Online Trade application;
- Websites development;
- Geospatial databases;
- e-CISTAR soon to be launched;
- Central Repository almost complete



Strategic Drivers/Enablers of the RSDS - Status of Work in relation to Climate Change, Sustainable Development and Data Innovation

2030 Agenda for Sustainable Development/SAMOA Pathway

- The Thirty-Fourth Meeting of the CARICOM Council for Human and Social Development (COHSOD) held in May 2018 approved **125 unique CARICOM Core SDG indicators**, as an interim measure in reporting on the 2030 agenda recognising that inadequately resourced and overstretched National Statistical Systems would not allow for the production of the full set of 231 indicators.
- Given the changes in the global list relative to the refinement of indicators, there will be a need for the TWG-SDGs to revisit these indicators since they include changes to the composition of the CARICOM core list.



The priorities of CARICOM regarding Sustainable Development -RSDS

2030 Agenda for Sustainable Development/SAMOA Pathway

- Reviewed/assessed the availability of SDG Indicators data – CARICOM-RSP conducted two **Assessments of the data availability of the CARICOM Core SDGs**
- The **Technical Working Group-SDGs** coordinated the identification of 125 core SDG Indicators for CARICOM countries based on selected criteria
- Review and reconstitution of the **Technical Working Group-SDGs** which was instrumental in coordinating the identification of 125 core SDG Indicators for CARICOM countries based on selected criteria



The priorities of CARICOM regarding Sustainable Development -RSDS

2030 Agenda for Sustainable Development/SAMOA Pathway

- Regional Workshop on CARICOM Core Sustainable Development Goals Indicators held in November 2023 to, *inter alia*, encourage consistent reporting of Member States NSOs on the availability of the CARICOM Core SDG indicators
- CARICOM Secretariat values the collaboration with regional and international organisations to improve the compilation of data on the Sustainable Development Goals
- Collaborative work with international partners including FAO on indicator 2.1.2 Severity of food insecurity, collaborative work with United Nations Environment Programme (UNEP) Indicator 12.c.1 and collaborative work with UN Women on indicators 5.4.1, 5.2.1 and 5.2.2.



Strategic Drivers/Enablers of the RSDS - Status of Work in relation to Climate Change, Sustainable Development and Data Innovation

Sustainable Capacity Building

- Virtual training platform – the Caribbean Institute of Statistical Training and Research (e-CISTAR) soon to be launched and is expected to provide support to training in Climate Change, Sustainable Development and Data Innovation.
- Centres of Excellence has been activated with support from 11th EDF in 5 areas including Environment and Climate Change (Suriname NSO) and ICT (Belize NSO) and Grenada NSO (CAPI Surveys)



Strategic Drivers/Enablers of the RSDS - Status of Work in relation to Climate Change, Sustainable Development and Data Innovation

Capacity building continues in collaboration with IDPs

- CARICOM-RSP will conduct in-country technical missions supported by the 11th EDF in select Member States to improve the compilation of Environment and Climate Change and SDGs indicators.
- Project proposals submitted to IDB for Regional Public Good:
 - CARICOM submission on Building the Statistical Framework to Measure Vulnerability in the Caribbean Community (CARICOM)
 - PARIS21 submission on Updating data sources, methodologies and capacities to use satellite data for key climate change indicators(to collaborate with CARICOM Secretariat)



THANK YOU