



UNITED NATIONS

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### ***Regional Workshop:***

***“Addressing coordination and data sharing challenges  
for better environment, climate change and disaster indicators”***

22 November 2022

**E C L A C**

# ECLAC Project DA12:

- **Title:** “Caribbean SIDS relevant climate change and disasters indicators for evidence-based policies”
- **8 Pilot countries:** Antigua and Barbuda, Belize, Dominica, Grenada, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, and Suriname.
- **Funded** by the 12th tranche of the United Nations Development Account
- **Implemented period:** 2021-2023
- **Responsible:** ECLAC’s Statistics Division and Sub regional Office for the Caribbean
- Strategy: “**Caribbean First**” which ensure the development of specific capacities on climate change and disaster statistics at the national and subregional level.
- Respond: **Resolution 98** (XXVII) of the Caribbean Development and Cooperation Committee.



# ECLAC project DA12:

## Objective:

To **enhance the climate change and disaster risk reduction statistical and institutional capacities** of target countries in the Caribbean to improve policy coherence in the implementation of the SDGs, the SAMOA Pathway, the Paris Agreement, and the Sendai Framework.

## Expected Outcomes:

1. Strengthened national statistical and institutional capacities of Caribbean SIDS to sustainably produce and disseminate relevant internationally agreed climate change and disaster risk reduction indicators
2. Strengthened regional capacities of Caribbean SIDS stakeholders to use the indicators for sustainable evidence-based development policies

## Structure to promote the technical capacity of the countries:

- Diagnosis with the ESSAT and the Global Set of Climate Change Statistics and indicators
- Workshop preparation
- Live workshops and exercises
- Follow-up activities.

**Our closest partners:** UNSD, OECS, CARICOM, and recently CDEMA and UNDRR.



# Methodology of work:

## Previous diagnosis & workshop preparation

Work along with the country to fill up the self-diagnosis of availability of environmental data (Global Set + **ESSAT**)

Coordinate with the Focal Point for logistics of virtual workshop

- **Statistic Office**
- **Environmental Authority**

## Live workshops and exercises

**Targeted audience** (producers and users): NSO, Ministries, Environmental Authorities, Disaster Risk Reduction/Emergency authorities, sectoral authorities, universities, research centers, and private sector.

**3 days of Workshop** based on initial self-diagnosis.

**Methodological** work with statistical techniques, practical exercises, build indicators and develop methodological sheets

## Follow-up activities

**Feedback to methodological sheets** of the indicators built

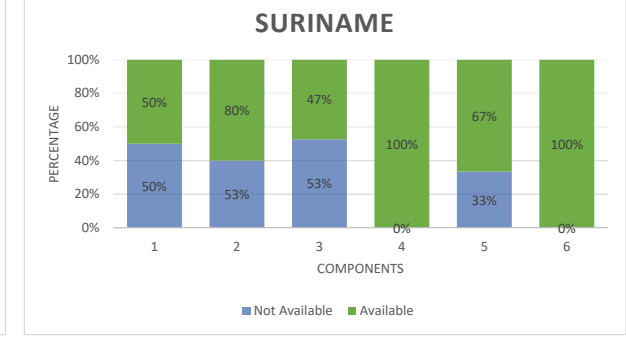
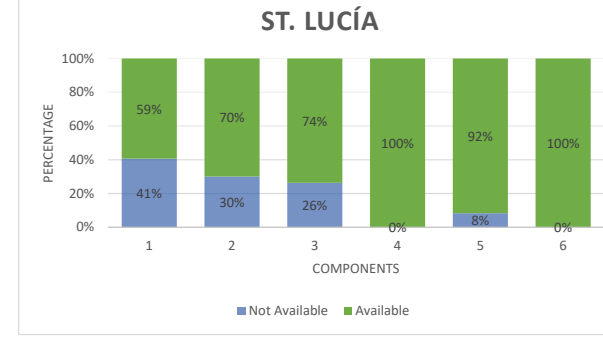
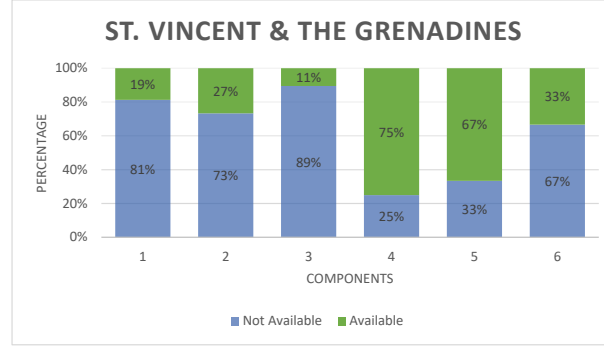
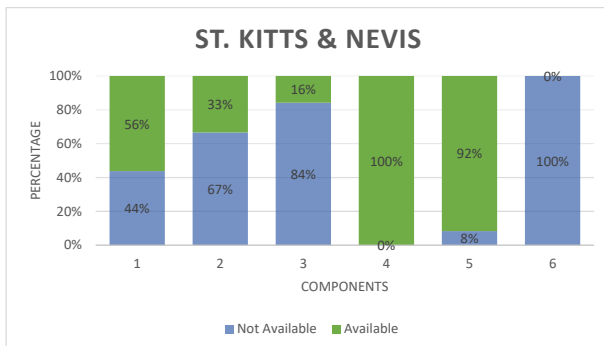
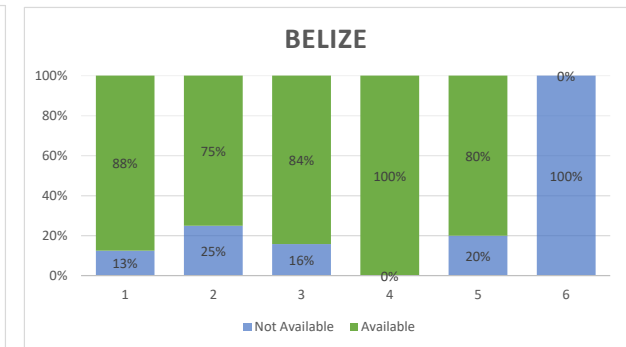
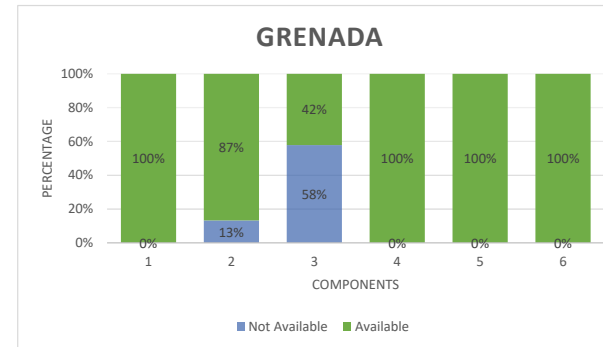
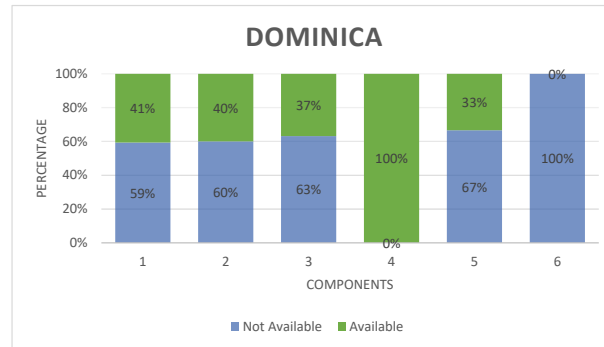
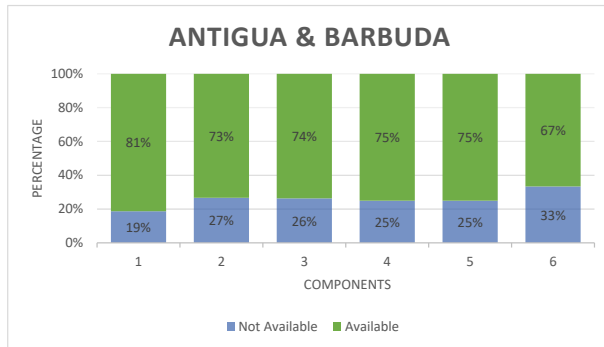
**Develop a report** where the availability of national information is evaluated and synthesized

Identify **future work with statistics, indicators or technical training** by country



# Strengthening Climate Change and Disaster Statistics in the Caribbean (1/4)

## Environmental Statistic Self-Assessment Tool (ESSAT)



FDES component abbreviations: 6 Environmental protection, management, and engagement; 5 Human Settlements and Environmental Health; 4 Extreme events and disasters; 3 Residuals; 2 Environmental resources and their use; 1 Environmental conditions and quality

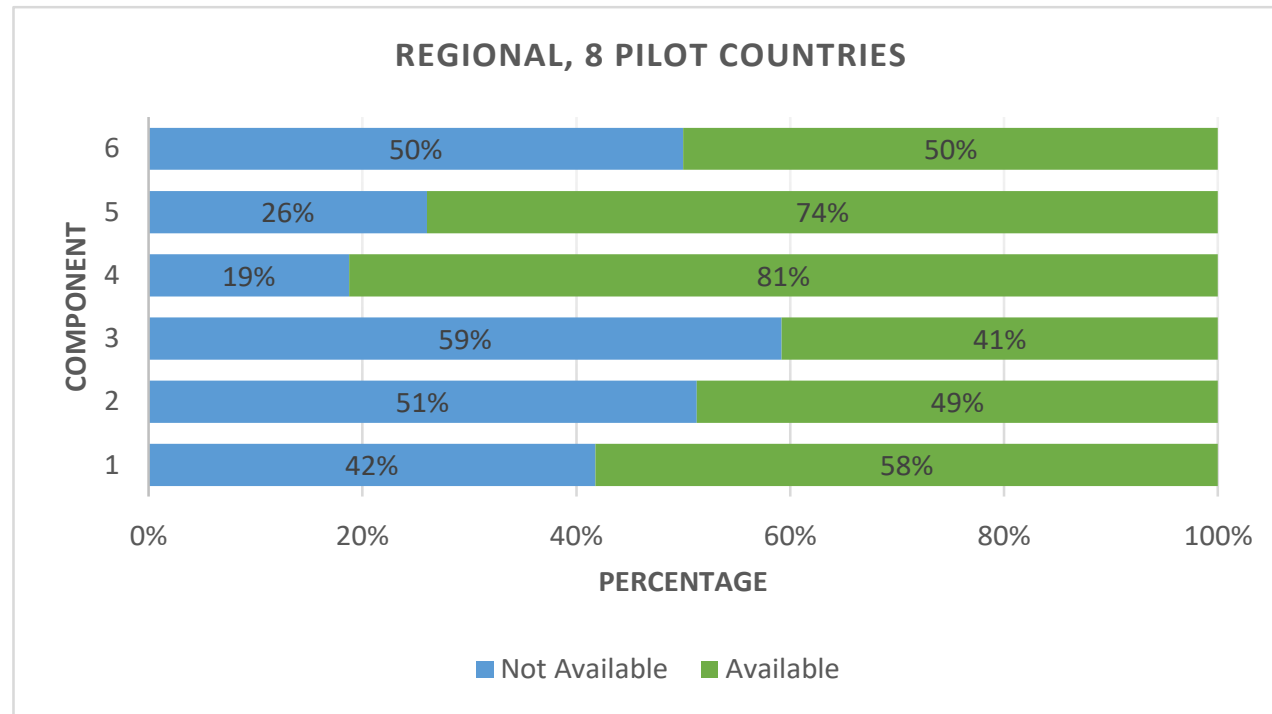
Source: Elaborate by ECLAC, based on project information. This data does not consider the total amount of statistics per component, only the 100 statistics included in the Tier 1.



# Strengthening Climate Change and Disaster Statistics in the Caribbean (2/4)

## Environmental Statistic Self-Assessment Tool (ESSAT)

Conducting a diagnosis on the availability of environmental statistics using the **Environmental Statistic Self-Assessment Tool (ESSAT)** in Antigua and Barbuda, Belize, Dominica, Grenada, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, and Suriname.



Source: Elaborate by the authors, based on project information. FDES component abbreviations: 1. Environmental conditions and quality; 2. Environmental resources and their use; 3. Residuals; 4. Extreme events and disasters; 5. Human Settlements and Environmental Health; 6. Environmental protection, management, and engagement. This data does not consider the total amount of statistics per component, only the 100 statistics included in the Tier 1.

# Strengthening Climate Change and Disaster Statistics in the Caribbean (3/4)

workshops and side-events

**Eight national workshop** with data producers and users and the **Global Set of Climate Change statistics and indicators**

## Results:

- 33 calculated indicators (average, 4 by country)
- For three main national climate change and disaster issues, identified the status of the demand for statistics and indicators
- For the indicators built during the workshop, identified the main challenges and enablers associated with the dissemination and sustainability
- 154 participants attended

**Number of built indicators during National Workshop, by UNFCC policy areas**



**Three Side Events and one Subregional Event** with data producers and users and the **Global Set of Climate Change statistics and indicators**

## Results:

- 418 participants attended
- Understand the opportunities and challenges related to climate change and disasters indicators production in the LAC region
- Explored the links between statistical production and policymaking related to climate change adaptation and resilience
- Discussed innovations and ways to improve the production of climate change and disaster statistics and indicators in the SIDS context

# Strengthening Climate Change and Disaster Statistics in the Caribbean (4/4)

## All Activities

Activities and products	Saint Lucia	Antigua And Barbuda	Suriname
1. Environment Statistics Self-Assessment Tool (ESSAT) – Part I and II	✓	✓	✓
2. Report analysis ESSAT	✓	✓	✓
3. Live workshop and new indicators build	✓	✓	✓
4. Report analysis Workshop	✓	✓	✓
5. Follow-up activities	✓	✓	✓
	100%	100%	100%

Activities and products	Dominica	St. Vincent & Grenadines	Belize	Saint Kitts and Nevis	Grenada
1. Environment Statistics Self-Assessment Tool (ESSAT) – Part I and II	✓	✓	✓	✓	✓
2. Report analysis ESSAT					
3. Live workshop and new indicators build	✓	✓		✓	
4. Report analysis Workshop					
5. Follow-up activities					
	32%	38%	35%	40%	35%



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# ECLAC Project DA12: Outputs

## Regional Network of Environment and Climate Change Statistics



### Active discussion groups



**National and Regional Events**

This section shows relevant information and details of national and regional workshops, webinars, and side-events undertaken by the ECLAC team in collaboration with their national...

3 members 0 discussions 0 comments [Read more](#)



**National Environmental Information Systems in the Caribbean**

National Environmental Information Systems (NEIS) are a powerful mechanism to integrate and make available data to a broad variety of users for evidence-based decision making...

3 members 0 discussions 0 comments [Read more](#)



**Environment and Climate Change Statistical Compendia produced by Caribbean Countries**

Environment and climate change are highly relevant topics for Caribbean countries as they are more vulnerable to suffer the effects of climate change. Statistical Yearbooks...

3 members 0 discussions 0 comments [Read more](#)

[View all groups](#)

## Online Course: "Introduction to Environment Statistics Caribbean Region"

Introduction to Environment Statistics - Caribbean Region 2022

Dashboard / My courses / EnvironmentStats2022

**General Introduction**

Announcements

- Discussion forums (among students)
- Webinars
- Certificate
- All certificates

**Objective**

Welcome to the course and introduction to the environment statistics domain and the importance of quantitative environmental information in the context of a growing global, regional, and national demand for data.

**CONTENT**

Video - Introduction and welcome to the course

Rayén Quiroga from ECLAC presents the objectives and guidelines of the online course "Introduction to Environment Statistics".

**Complementary materials**

- Brochure Climate Change and Environment Statistics Unit
- Report "Horizons 2030 Equality at the Centre of Sustainable Development" of ECLAC
- Video - Presentation of the Horizons 2030 report: equality at the centre of sustainable development

Module 1 - Introduction to Environment Statistics

Module 2 - Statistical production: Basic notions about data, statistics and indicators and the main methodologies

# ECLAC Project DA12: Events pictures



# The road of the ECLAC Project...



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**Thank you!!**

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