



SIM GENERAL  
ASSEMBLY  
2024

# Metrology Activities Report

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Panamá, Panama

November 21<sup>st</sup>, 2024

Mr. Nicol Best

Technical Officer - Metrology, CROSOQ  
Technical Secretary, CARIMET Committee





# Agenda

SIM GENERAL  
ASSEMBLY  
2024

- 1. CROSOQ and CARIMET**
- 2. CARIMET Operational Plan 2024**
- 3. Recent Developments and Achievements**
- 4. Future Plans and Proposed Initiatives**

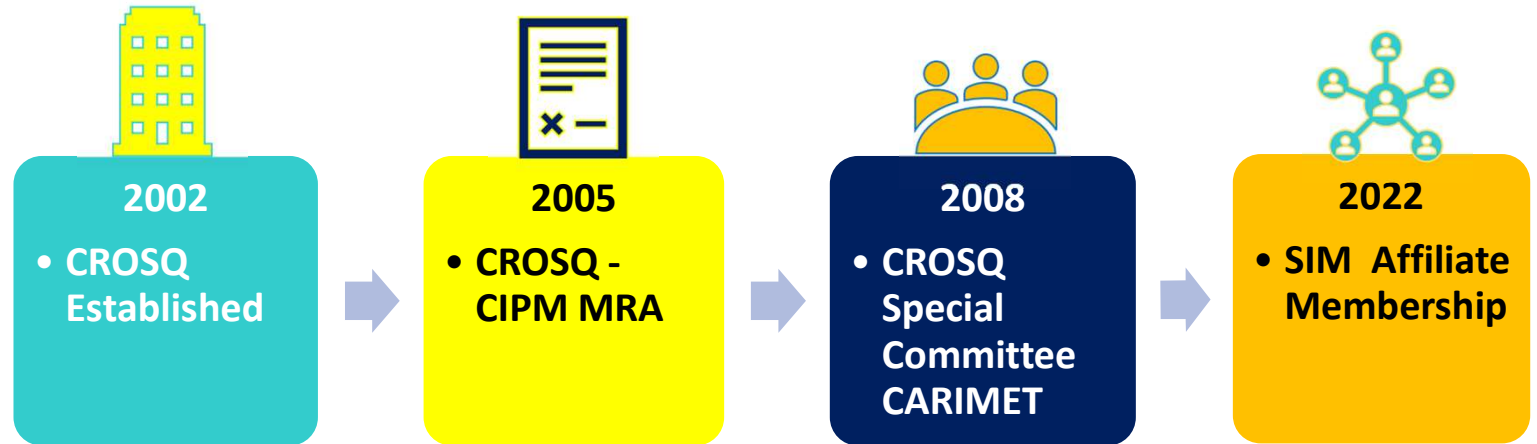




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1. CROSQ and CARIMET
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# CROSQ AND CARIMET





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# CROSQ AND CARIMET

## Mission

To strengthen and promote an internationally recognised measurement infrastructure in the countries of CARIFORUM to meet the current and future needs of the region.

## Vision

To be a resilient, unified and inclusive metrology network.

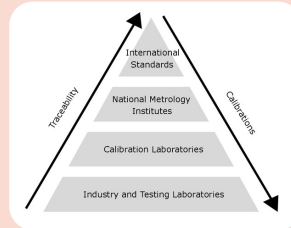


# Agenda

# CARIMET Operational Plan 2024

## Overview

1. CROSQ and CARIMET
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1.  
**CARIMET  
Governance &  
Operations**

2.  
**Measurement  
Traceability,  
Equivalence  
and  
Recognition**

3.  
**Knowledge  
Management  
and  
Dissemination**

4.  
**Promotion of  
CARIMET**

5.  
**Use of  
Information  
Technology  
(Cross-cutting)**



# Agenda

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# CARIMET Operational Plan 2024

## 1. CARIMET Governance & Operations

### CARIMET Technical Framework – completed

- About CARIMET
- Risks to CARIMET
- CIPM MRA
- Training and Development
- CMC Approval Process
- BIPM and SIM
- Legal Metrology
- Quality Management
- Knowledge Management



**CARIMET  
TECHNICAL FRAMEWORK  
POLICY AND PROCEDURES MANUAL**

Version Final      Dated: April 8, 2024  
Prepared By: The CARIMET Committee  
Approved: 44<sup>th</sup> CROSO Council Meeting – Open – April 8, 2024



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## CARIMET Operational Plan 2024

### 2. Measurement Traceability, Equivalence and Recognition

**Development of three Caribbean Reference Laboratories (CaRLs) – 11<sup>th</sup> EDF Supported Activity – completed**

Peer review - Humidity (TTBS)

Peer review - Pressure (TTBS)

Peer reviewers from within SIM.

Technical assistance and support from NRC, CENAM – Mexico.

International recognition - Accreditation.

MOU to be developed.



**REVIEWED**





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# CARIMET Operational Plan 2024

## 2. Measurement Traceability, Equivalence and Recognition

### Conducting CARIMET ILCs – Mass, Volume and Temperature by 2025 – (Mass ILC completed)

- Protocol completed and approved by SIM.
- Comparison registered in the KCDB.
- BSJ Jamaica is the pilot lab.
- CENAM Mexico as the co-pilot lab
- Participating countries: Jamaica, Guyana, Saint Lucia, Trinidad and Tobago, Mexico
- 11<sup>th</sup> EDF Supported Activity.







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## CARIMET Operational Plan 2024

### 3. Knowledge Management and Dissemination

#### M4DT Awareness and Python Training Workshop - Dominica

- ❖ Use of Python in metrology
- ❖ Live demonstrations and practical exercises.



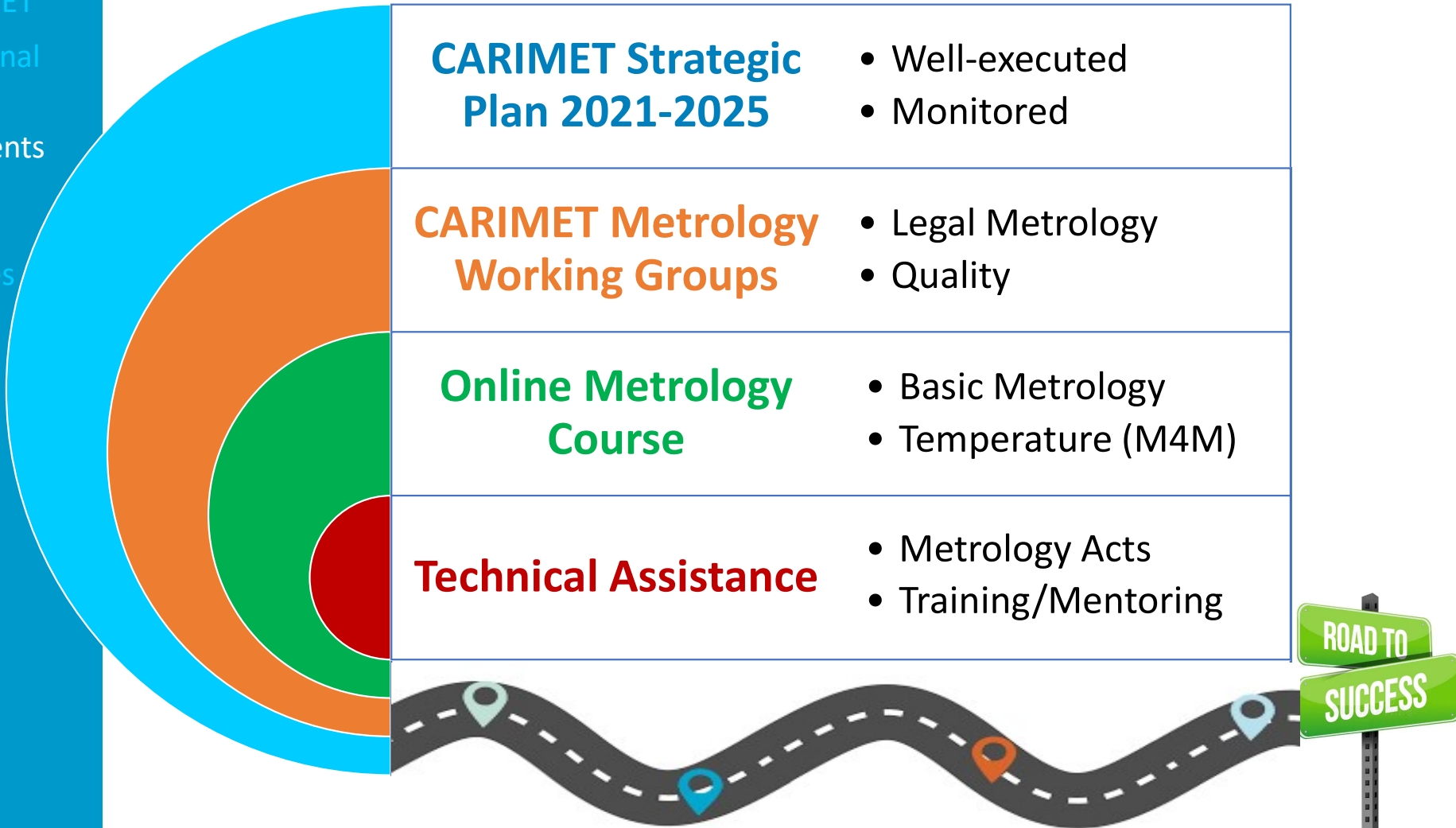
- ❖ Increased awareness about digital transformation in Metrology
- ❖ Increased understanding of M4DT
- ❖ Sharing of knowledge on M4DT



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# Recent Developments and Achievements

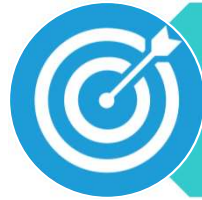




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# Future Plans & Proposed Initiatives



CARIMET Strategic Plan 2026-2030



**Metrology Acts in five (5) Caribbean countries**



CROSQ CARIMET Metrology School





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## Future Plans & Proposed Initiatives

Knowledge Sharing and Technical Exchanges

- Study Tours and Webinars
- Online Metrology Course – Intermediate
- Training/Mentoring Attachments

Continued Regional and International Participation

- SIM Projects and Activities
- BIPM Activities

Organise CARIMET Comparisons in CaRL quantities

- Volume
- Temperature
- Humidity





# Thank You

Mr. Nicol Best

CARICOM Regional Organisation for Standards & Quality  
2nd Floor Baobab Tower  
Warrens, St. Michael  
BARBADOS

Tel: 246-62-CROSQ (27670)

Fax: 246-622-7678

[nicol.best@crossq.org](mailto:nicol.best@crossq.org)