



GLOBAL COOLING PLEDGE ASSEMBLY

SINGAPORE 15 - 18 SEPTEMBER 2026

Parallel Session: Regional Country & Partner Dialogues

Latin America & Caribbean Dialogue: Heat Resilience and Cooling Action

13:30 – 14:30



Ministry of Sustainability
and the Environment
— SINGAPORE —



MC



Gulnara Roll

Head of Sectoral Transitions Section,
Mitigation Branch, Climate Change
Division, UNEP



IGCC Workplan 2027-28

ACTION AREAS

#1 Flagship Initiative
– Heat Resilience
Roadmap for a
Warming World

#2 National and
multi-level cooling
action and
investment plans

#3 Market
Transformation and
deployment for
sustainable cooling

#4 Mobilizing Finance and
investment for Cooling
and Heat Resilience for
Pledge's implementation

#5 Scientific foundation, political coordination, and
advocacy on sustainable cooling and heat resilience



Opening remarks and regional overview



Adalberto Maluf

National Secretary of Urban Environment,
Water Resources and Environmental
Quality,
Ministry of Environment and Climate
Change,
Brazil

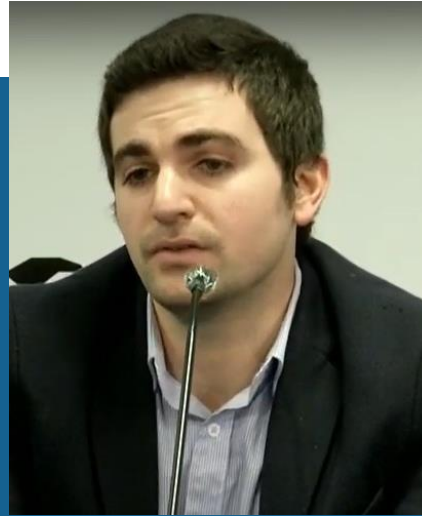


Country presentations



Adalberto Maluf

National Secretary,
Urban Environment, Water Resources
and Environmental Quality,
Ministry of Environment and Climate
Change,
Brazil



Sebastian Wainberg

Advisor, Energy Demand, Access and
Efficiency Area,
National Energy Directorate,
Ministry of Industry, Energy and Mining,
Uruguay



Dawn Pierre-Nathaniel

Chief Sustainable Development and Environment Officer
Sustainable Development & Environment Division
Department of Sustainable Development
Saint Lucia



GLOBAL COOLING PLEDGE ASSEMBLY

SINGAPORE 15 - 18 SEPTEMBER 2026

LATIN AMERICA & CARIBBEAN REGIONAL DIALOGUE

FROM PLANNING TO INVESTMENT

Dawn Pierre-Nathoniël

Chief Sustainable Development and Environment Officer

Saint Lucia



Ministry of Sustainability
and the Environment
— SINGAPORE —



WHAT THIS PRESENTATION COVERS

01 POLICY FOUNDATION

02 PRIORITY SECTORS & INVESTMENT NEEDS

03 FINANCING & RESOURCING GAPS

04 PARTNERSHIPS & TECHNICAL SUPPORT



Saint Lucia is not starting from zero

A strong policy foundation exists. What is needed now is delivery.

The priority is to align existing instruments and turn priorities into financed action.



EXISTING FOUNDATION

- **Draft National Cooling Strategy**
- **KIP Stage I**
- **HPMP Stage II**
- **NDC 3.0**
- **2025 GHG inventory**
- **NAP-e.g. Tourism, Education, Infrastructure SASAPs**
- **Draft Loss & Damage SAP**



Where investment is most needed

A portfolio of implementation needs ...not a single cooling project.

TOURISM & COMMERCIAL

- Cooling demand is concentrated in tourism & commercial activity.
- Efficient procurement can shape the market.

PUBLIC & CRITICAL FACILITIES

Health, education, infrastructure & planning provide entry points for heat resilience & efficient cooling.

MARKET & LIFECYCLE SYSTEMS

Compliance, technician capacity & refrigerant management require sustained implementation support.

Human resource capacity is a key constraint: even where there is strong policy & will, limited staff capacity can slow coordination, project preparation & implementation.

Why investment in implementation matters



Opportunities and benefits are clear. Need for coordinated implementation.

6.8%

RAC share of national emissions, excluding LULUCF; a key category.

~17,100

Estimated wall-mounted split AC units; ~39% are in hotels.

36 GWh

Modelled annual 2030 electricity savings if model-level MEPS are adopted and enforced.

Again: Human resource capacity is key a constraint: even where there is strong policy & will, limited staff capacity can slow coordination, project preparation & implementation.

The finance gap is not a lack of ideas

SLU's Draft Cooling Strategy identifies financing options. The challenge is making them work in practice.

WHAT THE DRAFT STRATEGY CONSIDERS

- Replacement programmes
- On-bill finance
- Leasing
- Bulk procurement
- Cooling as a service
- Bonds
- Tax incentives

WHAT IS MISSING

- Project preparation
- Market testing
- Transaction structuring
- Implementation capacity

WHAT SAINT LUCIA SEEKS

- Project preparation
- Financial structuring
- Human resource / delivery capacity
- Access to appropriate capital

Finance should support a prioritized implementation pipeline.

PRIORITIES → PROJECTS → TRANSACTIONS → CAPITAL



Regional cooperation can turn small-market constraints into delivery opportunities : implementation mechanism-not only knowledge exchange



1 SHARED TESTING & COMPLIANCE

Appliance testing,
product information &
regional compliance
tools

2 TECHNICIAN CAPACITY

Shared training,
certification & practical
tools

3 REFRIGERANT LIFECYCLE

Collection, sorting,
reclamation &
downstream management



For the consideration of partners

Practical support, inclusive of human resources, that takes existing policy foundation to an investment pipeline

01 REFRESH & ROADMAP

Update the Strategy and translate priorities into a costed implementation and investment roadmap

02 PROJECT PREPARATION

Support feasibility, transaction structuring and market testing for viable cooling investments

03 HEAT RESILIENCE

Build a practical SIDS heat-risk evidence base linked to NAP and key sectors (e.g. tourism, health, education, infrastructure), Loss & Damage SAP, NDC

04 REGIONAL DELIVERY

Develop Caribbean approaches for testing, technician capacity and refrigerant lifecycle management

REFLECTIONS



What the Saint Lucia experience suggests for the next phase of the Pledge

01 Move from plans to delivery

Existing strategies should feed directly into prioritized, costed actions. **Bankable to attract public & private capital.**

02 Treat finance as a delivery system

Project preparation, transaction design, human resources and implementation capacity matter as much as access to capital.

03 Use regional scale deliberately

For SIDS, regional testing, training and refrigerant lifecycle systems can overcome small-market constraints. Adapted to Caribbean market conditions.

Cooling links **mitigation, energy demand, thermal comfort & heat resilience (adaptation & loss & damage)-coordinated, integrated investment programme**



Moderator for the Group Discussion



Hanane Hafraoui

Program Management Officer;
Global ABC Lead, UNEP



GLOBAL COOLING PLEDGE ASSEMBLY

SINGAPORE 15 - 18 SEPTEMBER 2026

Guided Discussion

- National and Multi-level Cooling Action
- Market Transformation: Scaling passive and transforming markets for efficient, climate-friendly cooling
- Mobilising finance and investment for implementation



Reflections and closing



Gulnara Roll

Head of Sectoral Transitions Section,
Mitigation Branch, Climate Change
Division, UNEP



Coffee Break

14:30-15:00 15 September 2026