



**Voluntary Cooperation for the bulk purchase and
distribution of Renewable Energy Technologies:**
*pooled procurement initiatives across SIDS to accelerate
the clean energy transition*

AOSIS Presentation

SB 64 - Article 6.8 In-session Workshop

June 9, 2026

Alliance of Small Island States

The SIDS challenge:

- Ambitious NDCs based on adoption of RE technologies
- Dependency on imported fossil fuels, the increasing costs of this dependency, and climate and economic vulnerability provide the motivation for a transition to domestic clean energy sources
- Yet fragmented markets, limited scale constrain access to competitive financing and RE technologies
- Pooled procurement can be a lever to accelerate the uptake of clean energy technologies
 - aggregating demand across countries to unlock better pricing
 - reducing transactions costs
 - de-risking investments
- Examples of regional cooperation in the Caribbean and Pacific

Example: The Caribbean Efficient and Green Buildings Project (CEGEB)

- World Bank–financed regional initiative (US\$131.7 million)
- Supporting Grenada, Guyana, Saint Lucia
- Aims are to
 - increase use of renewable energy (RE) in public buildings and facilities to save energy, reduce heavy reliance on imported fossil fuels, lower GHG emissions, cut electricity costs, and
 - enhance regulatory framework for investments in energy efficiency and renewable energy in participating Caribbean countries.
- Objectives and initiatives
 - **Building Retrofits:** Upgrading nearly 500 public facilities with energy efficiency (EE) measures
 - **Renewable Energy (RE):** Installing an estimated 50,670 kWp of solar photovoltaic (PV) systems across these public properties.
 - **Regulatory Development:** Strengthening institutional capacities and updating regional frameworks, including the CARICOM Regional Energy Efficiency Buildings Code.
 - **Pooled Procurement:** Using a coordinated regional approach to bring down technology costs and accelerate the deployment of green infrastructure.
- Organisation of Eastern Caribbean States Commission (OECS) - responsible for pooled procurement on behalf of participating countries; Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE) supports regulatory aspects



CARIBBEAN CENTRE FOR RENEWABLE ENERGY & ENERGY EFFICIENCY

AN INSTITUTION OF



Example: The Caribbean Aggregation Procurement Programme (CAPP) for RE and BESS

- Programme launched by the independent non-profit organisation **REL**P in partnership with the **Global Energy Alliance for People and Planet (GEAPP)**, to accelerate the clean energy transition across Caribbean Small Island Developing States (SIDS).
- **First Regional Workshop:** May 26-28 2026 | Barbados, with 13 countries in attendance
- **The Strategy (2026–2030):** Scaling utility-scale Renewable Energy (RE) and Battery Storage (BESS) across target countries through phased, high-level procurement rounds
- **Overcoming Market Barriers:** Aggregating and pooling regional demand to bypass the limitations of small-scale, isolated grids and high financing costs that currently deter international capital.
- **Strategic Mechanisms:** Delivering direct expert technical assistance, standardising legal and contractual frameworks, and deploying robust credit enhancement mechanisms.
- **Anticipated Regional Impact:**
 - **Lower Tariffs:** Unlocking world-class investment & driving down electricity prices via economies of scale
 - **Energy Sovereignty:** Reducing fossil fuel dependency while significantly enhancing grid reliability and climate resilience

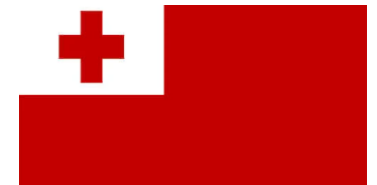
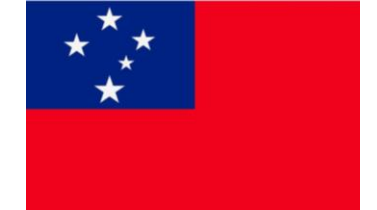
More information: capp@relp.ngo

Example: PCREE Mobilising Investments in Energy Efficiency Programme (PCREE MIEEP)

- The Pacific Centre for Renewable Energy and Energy Efficiency (PCREEE) coordinates regional bulk procurement initiatives to lower costs and phase out inefficient appliances.
- Programs leverage economies of scale to import high-quality, energy-saving technologies (e.g., air conditioners, refrigerators, and lighting) that meet strict performance standards across Pacific Island Countries and Territories (PICTs).
- The ***Pacific Appliance Labelling and Standards Programme (PALS)*** (2012-2019) previously established minimum energy performance labelling and standards (MEPSL) for lightings, fridges, freezers and AC for various PICTs, to stop inefficient appliances from being dumped in the region, reduce household electricity bills, and lower GHG emissions.
- The PCREEE will support PICTs in expanding MEPSL to other appliances such as washing machines, tumblers, dryers, dishwashers, ovens, hot water production, motor, and supply equipment.

Example: Promoting Energy Efficiency in the Pacific (PEEP Phases 1 and 2)

- ADB-financed regional initiative (~ USD \$1.9 million)
- Supporting Cook Islands, PNG, Samoa, Tonga, Vanuatu
- Objectives and Outputs
 - i) Development of an energy use database in the five selected SIDS, with provision for expansion to others;
 - ii) Development of national energy efficiency policies and procedures for use of EE appliances, incorporation of EE best practices in building codes, and capacity building of service providers;
 - iii) Implementation of Energy Efficiency programs in the residential, commercial and government sectors and in public lighting;
 - iv) Dissemination of Information for Public Awareness
- The EE projects implemented were categorized as follows:
 - 1) Energy Efficient Street Lighting Program
 - 2) Energy Efficient Lighting Program for Residential, Commercial and Public Sector
 - 3) Implementation of EE Measures in Hotels and Commercial Sector
 - 4) Implementation of EE Measures in the Public Sector



Example: Rural Electrification in Pacific SIDS

- EU-financed regional initiative (€ 15 million)
- Supporting Federated States of Micronesia, Fiji, Kiribati, Papua New Guinea, Solomon Islands, Vanuatu
- Access to clean and reliable energy for remote Pacific SIDS communities
- Unlocking opportunities in education, health and economic growth.



Lessons learned

- Bulk purchasing across countries is a practical non-market approach (NMA) that responds to SIDS-specific constraints and opportunities.
- A shift from national efforts to coordinated regional action can reduce costs, improve affordability through economies of scale, and build resilience while accelerating the clean energy transition.
- Bulk purchasing is particularly well-suited for standardized EE appliances where specifications are uniform across interested countries and where demand aggregation that can reduce the unit costs of these appliances.
- In SIDS, the context for renewable energy technologies/or systems is more complex, due to:
 - Different national energy systems and grid configuration
 - Different regulatory frameworks and procurement processes
 - Variability in technical specifications and site conditions - some islands run off grids while others on centralized grids.
- These factors require tailored systems designed for country-specific solutions, but solutions are now evolving to make larger-scale standardized bulk purchasing more feasible.
- Cooperation across Parties can be supported by regional platforms - supporting SIDS in meeting their NDCs, reducing costs, reducing emissions and enhancing resilience.



Thank you!

SB 64 - Article 6.8 In-session Workshop

June 9, 2026

Alliance of Small Island States