



2022 United Nations Ocean Conference Side Event

Launch of the Global Ocean Energy Alliance (GLOEA)

29 June 2022, 1:00 p.m. to 3:00 p.m., Eurostars Universal Lisboa Hotel,
Lisbon, Portugal

Organized by: Secretariat of SIDS DOCK, United Nations Industrial
Development Organization (UNIDO), Stimson Center Alliance for a
Climate Resilience Earth (ACRE)

TWO PAGE MAXIMUM

Background on the event (one paragraph)

The SIDS DOCK Side Event demonstrated the potential of Ocean Energy and its high relevance to SIDS, LDCs and coastal cities, through visual presentations, centering on the “ABCs of Ocean Energy” and the commercial-scale deployment of ocean-based energy technologies that are appropriate to the SIDS for the development of a Blue Economy. The launch included the historic signing of an agreement to develop an ocean energy power purchase agreement (PPA) with the United Kingdom-based Global OTEC, for the world’s first Floating Ocean Thermal Energy Conversion (OTEC) Platform called, “Dominique,” a 1.5 megawatt (MW) pilot facility to be developed and deployed in Sao Tome and Principe by 2024.

Key Issues discussed (5- 8 bullet points)

- The “ABCs” of Ocean Energy Conversion Technologies and Potential Contribution to the Sustainable Development Goals (SDGs)
- An International Vision for Ocean Energy: Thermal, Wave, Tidal, Wind
- The Kumejima Ocean Thermal Energy Conversion (OTEC) Model
- Ocean Energy For Climate Resilient Economies: Dominique & The People’s Energy Vision for Sao Tome and Principe
- The Ocean Energy For Blue Economies Platform, Powered by SustainChain

Key recommendations for action (5 - 6 bullet points)

- Facilitate full commercialization of a broad range of ocean energy technologies with demonstration projects in the Caribbean and Pacific, as well as African coastal countries. The projects need to demonstrate strong links to productive uses and key industrial sectors in SIDS and coastal LDCs.
- Raise financing for the first Floating Ocean Thermal Energy Conversion (OTEC) Platform in the Democratic Republic of São Tomé and Príncipe (STP), as an example for SIDS and LDCs. The unique capacity of the members of the GLOEA will provide support throughout the project development cycle, from concept to feasibility studies to financing bankable projects.
- Provide knowledge and data management, capacity building, policy and planning support for Governments, ocean energy industry and financiers. There will be strong emphasis on cross-cutting issues such as gender, digitalisation and poverty reduction.
- Establish a regional network of ocean energy expertise through UNIDO's GN-SEC, SIDS DOCK in SIDS, and coastal LDCs.

Voluntary Commitments (one paragraph)