



POWER & CONSERVATION SOLUTIONS LTD.

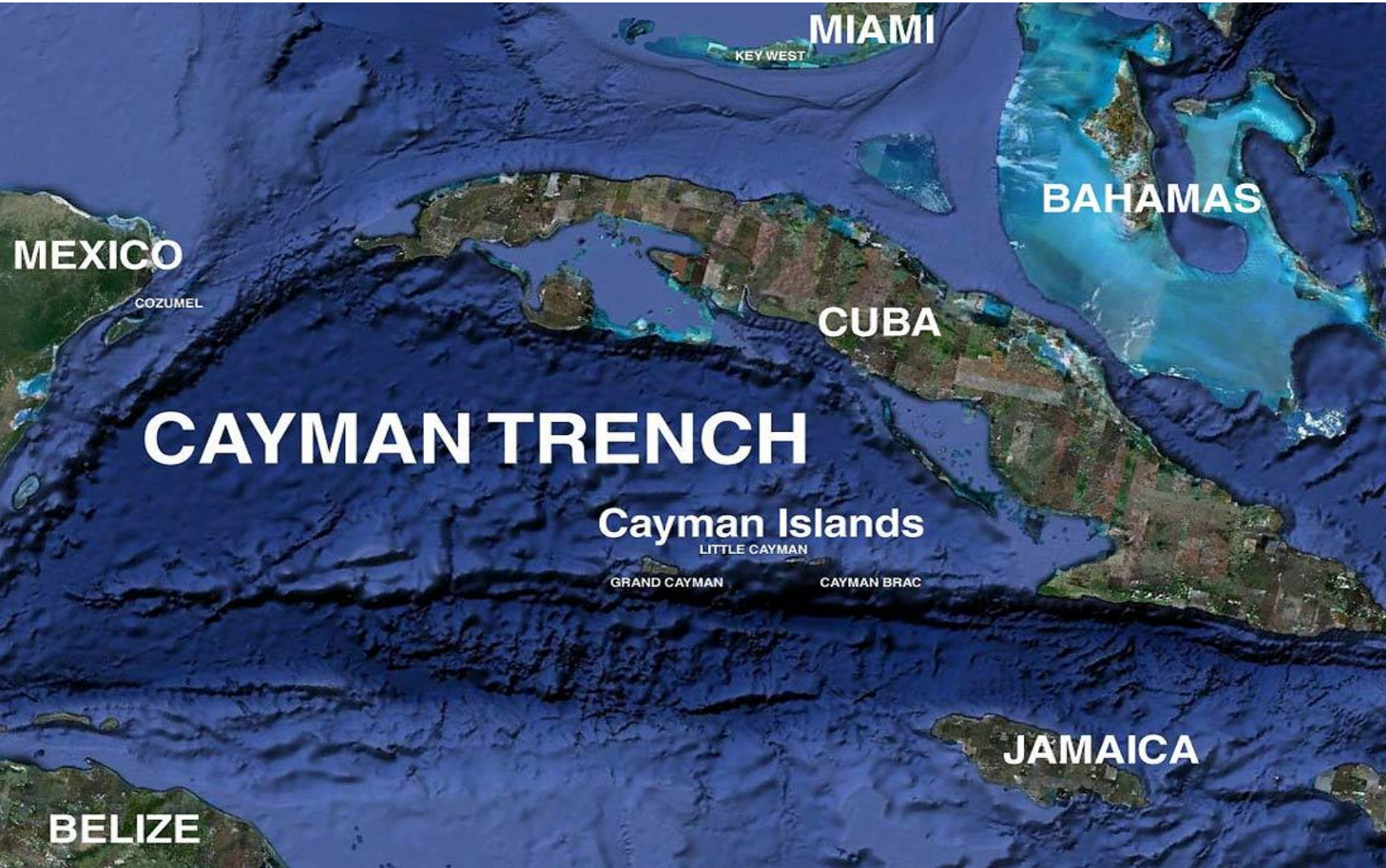
The Cayman Trench and its impact on SWAC projects in the Caribbean

New Leaf Power- Background

New Leaf Power & Conservation Solutions Limited is a full service energy solutions company serving Jamaica and the Caribbean. The Company won a Climate Change Innovation Award from the World Bank for its work developing a solar energy hub for an offshore fishing island off the coast of Jamaica on the Pedro Banks.

NLP has partnered with Bluerise to explore the development of Cooling Districts in the Northern Caribbean in general; Jamaica in particular.

IMAGINE



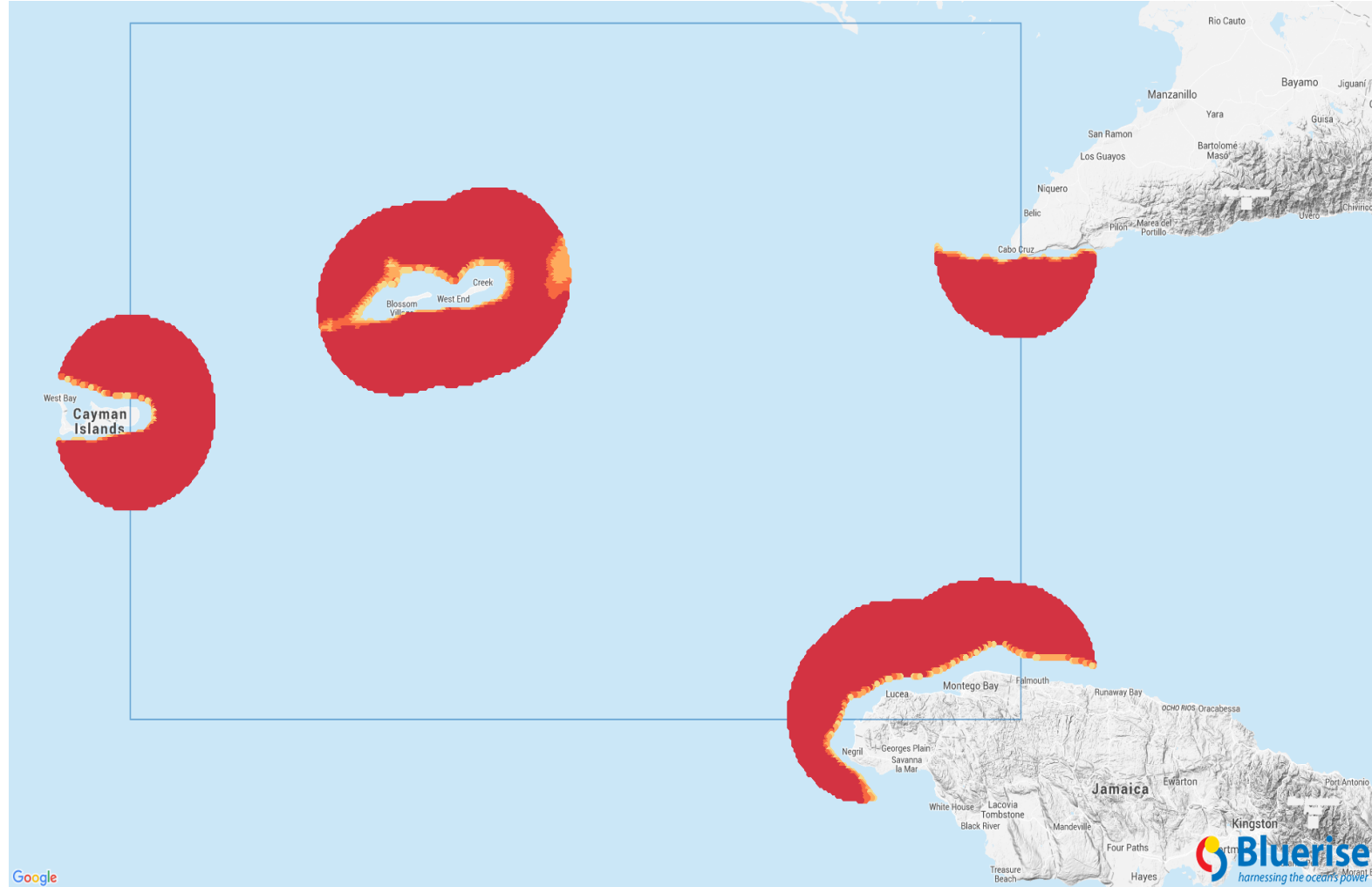
The Cayman Trench

The Cayman Trench, Bartlett Deep, or Bartlett Trough is a submarine trench on the floor of the Caribbean Sea between Jamaica and the south-eastern tip of Cuba. The trough has a maximum depth of **25,216 feet (7,686 m)** with **near freezing temperatures**; the deepest point in the Caribbean Sea. Paradoxically, some of the world's hottest **(up to 400 degrees Celsius)** and deepest deep-sea vents are found in the Cayman Trench some 5 km (3.1 miles) below the surface of the sea.

Under Water Vents – Sea Water Heating Option (SWHOP) ?



Cooling District Opportunities in Proximity to the Cayman Trench

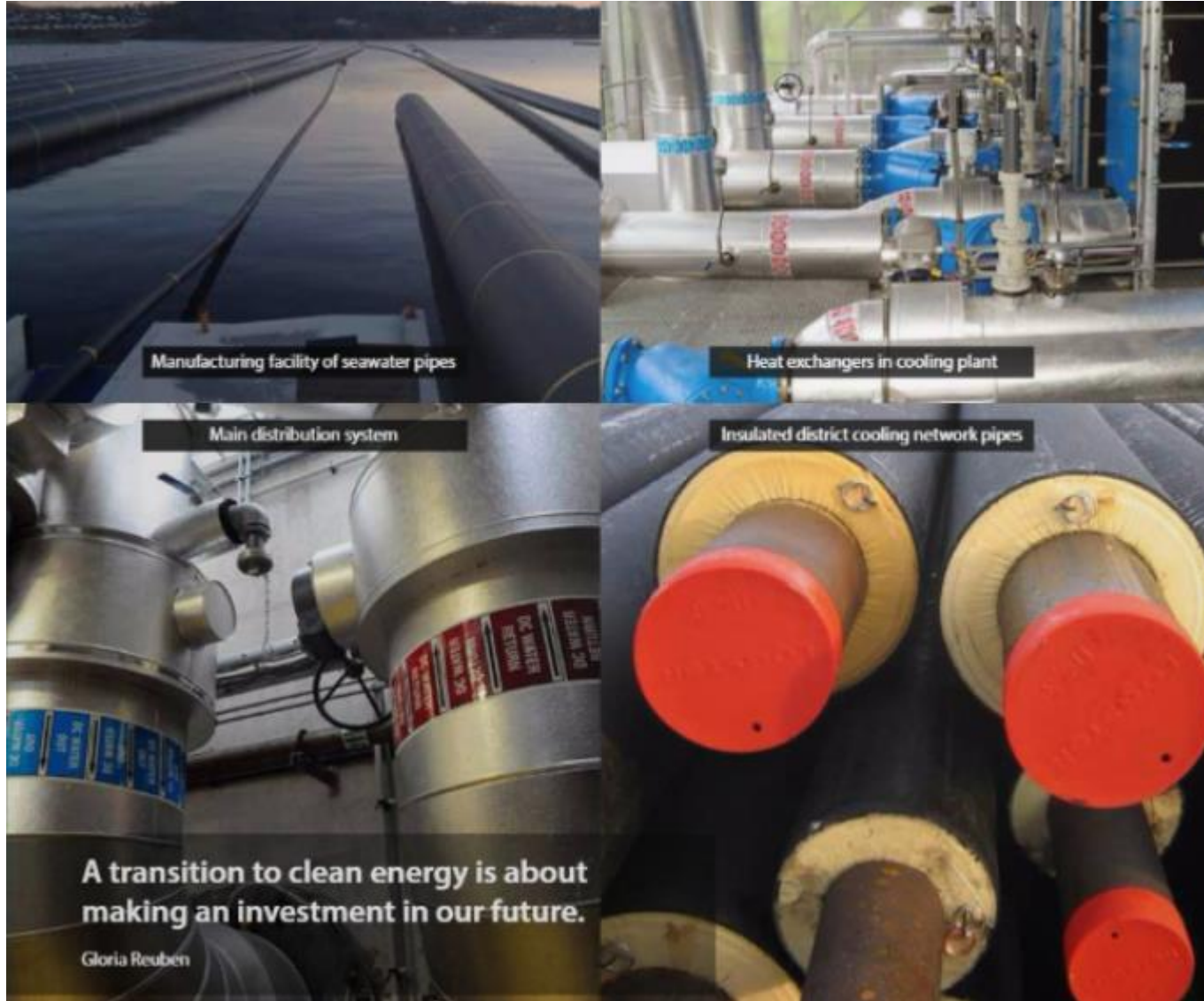


Jamaica, Cuba and Cayman all benefit from access to an inexhaustible source of cold deep sea water based on their proximity to the Cayman Trench.

Undersea currents brought this extremely frigid water from the Arctic thousands of years ago and the Trench has the regions coldest *and* hottest waters.

New Leaf Power and Bluerise have partnered to pioneer the development of this capital intensive infrastructure.

Cooling District Benefits:



- Lower cooling costs
- Predictable costs
- No Noise Pollution
- Reduced dependence on imported fuels which require foreign exchange
- Significantly less CO2 emissions
- Climate Change Mitigation
- Reduced emission of ozone-depleting refrigerants
- Supports protected agriculture and cold water fish farming
- Supports innovative spa and recreational facilities like ice rinks and tropical ski slopes

Thank you for listening

Any Questions?

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