



United Nations Decade of Sustainable Energy For All (2014-2024)

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“Ocean Energy in small islands...as long as the sun exists”

SIDS DOCK and UK-based Global OTEC Resources announce partnership to develop and deploy Floating Ocean Thermal Energy Conversion (OTEC) Technology Concept in small islands

07 July 2021, United Nations Headquarters, New York, U.S.A.: SIDS DOCK, the Small Island Developing States (SIDS) Sustainable Energy and Climate Resilience Organization, has signed an agreement with the United Kingdom (UK)-based Global OTEC Resources Limited, to collaborate on developing and deploying Floating Ocean Thermal Energy Conversion (OTEC) Technology Concept in SIDS. The signing ceremony took place on Friday, 2 July 2021, by means of a virtual conference between representatives in Seychelles, Jamaica, Portugal and the United Kingdom. Global OTEC Resources breakthrough floating OTEC plant design stems from focusing efforts on small scale projects. Previous developers have attempted going the route of, ‘too fast, too soon,’ before having an operational grasp of the fundamentals of the cold-water pipe. Collaborating with leading riser manufacturers and scientists on the cutting-edge of subsea riser designs, the company has a concept that reduces the technological and financial risk in deploying floating OTEC plants. This partnership is a game changer as Global OTEC Resources recognize ten gigawatts (10 GW) of installed fossil fuel capacities amongst SIDS DOCK countries that need to be replaced with high-availability, clean, affordable power. The SIDS are a springboard for innovation led OTEC deployments before we go on to address the global practical resource, expected to reach 900 GW by 2050.

(MORE)

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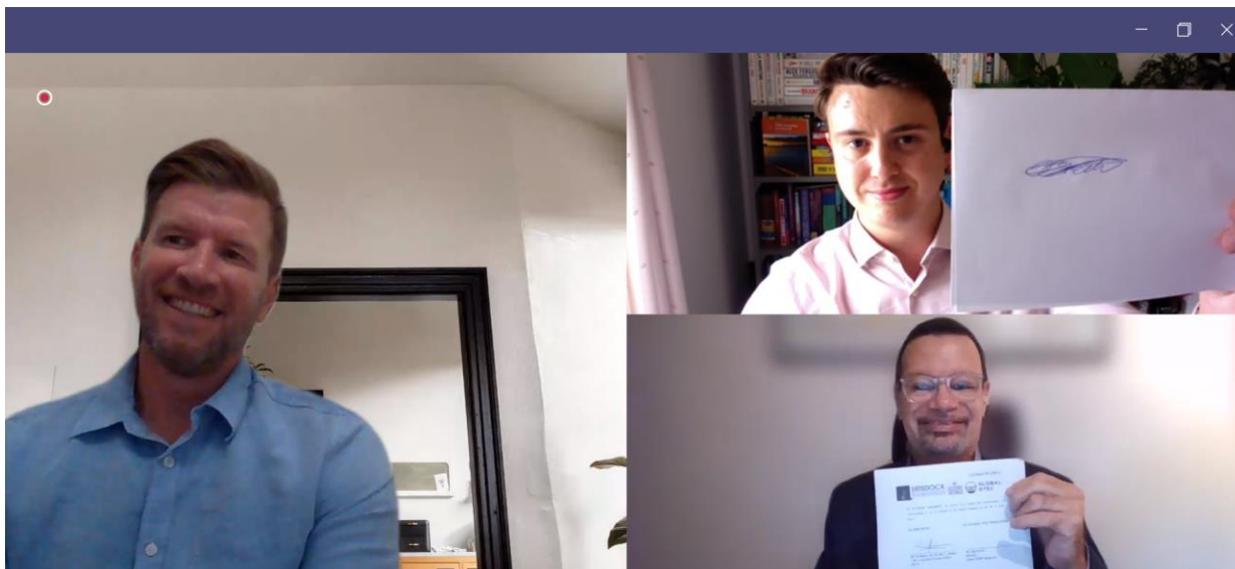


Photo from left to right: Hayden Ashfield, Global OTEC Resources Ltd.; Dan Grech, Director, Global OTEC Resources Ltd. (top right); His Excellency Mr. Ronald J. Jumeau, Chair, Executive Council of SIDS DOCK (bottom right)

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SIDS DOCK is a United Nations (UN)-recognised international organisation established in 2015, with all the rights and privileges for addressing climate change, resilience, and energy security in small islands. SIDS DOCK represents 32 small islands and low-lying developing states across the globe, and is so named because it is designed as a “DOCKing station,” to connect the energy sector in SIDS with the global markets for finance and sustainable energy technologies. The organisation’s work is coordinated by the Secretariat, in Belmopan, Belize.

Global OTEC Resources is a United Kingdom (UK)- based company, founded by Dan Grech. In 2015, Dan worked as a marketing manager for a well-known luxury fashion company. One evening, watching a rerun of Frozen Planet, Dan had a cliché epiphany moment that prompted him to leave his job immediately and join the global efforts in reversing the climate crisis. Dan started Global OTEC in 2017, and used his experience in building teams with exceptional people and setting big visions to launch the company. Dan recruited the founding team and has been the main driver of business development and partnerships. Global OTEC Resources has raised significant amounts of financing in the forms of grants and angel investments, and is now collaborating with small islands on multi-million-dollar low carbon investments to facilitate the wide deployment of OTEC Floating Power Plants across small islands.

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