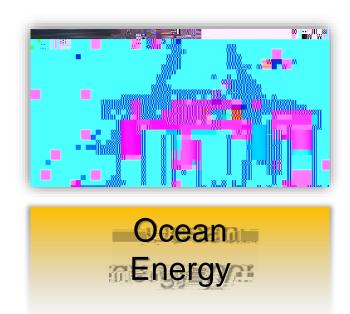




Submarine Cable Software

World's #1 cable software Installed +250k miles





Subsea R&D and Technology



Seawater Air Conditioning (SWAC)



Main Components

Offshore pipes

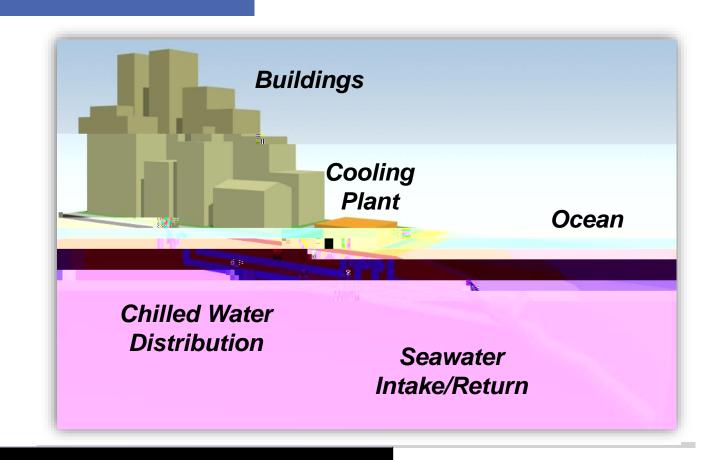
Chilled water loops

Pumps

Heat exchangers

Benefits

Economic payback can be <5 years
Cooling energy reduced up to 90%
Potable water use eliminated
Long lasting, simple components
Multiple commercial installations





Ocean Thermal Energy Conversion (OTEC)



Leverages temperature differential between surface and deep seawater to power ORC

Seawater temperatures remain near constant

Provides baseload power unlike other VREs

Simple Components

Heat exchangers

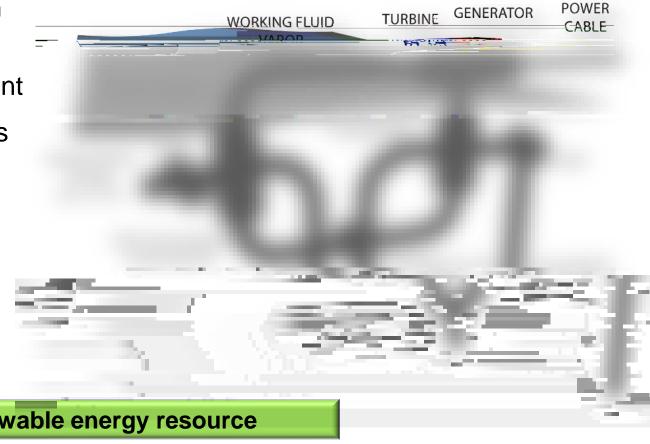
Turbine generator

Seawater pumps and pipes

Working fluid piping and pump

24/7 baseload renewable energy resource









Heat Exchanger Testing

Funded since 2009
Third-party & Makai's own designs

OERC Facility

~45,000 liters/min seawater
High accuracy instrumentation
Fully automatic controls

Takeaway: No heat exchanger on the market meets OTEC's high demands.





Features

Ultra-Compact

Lightweight

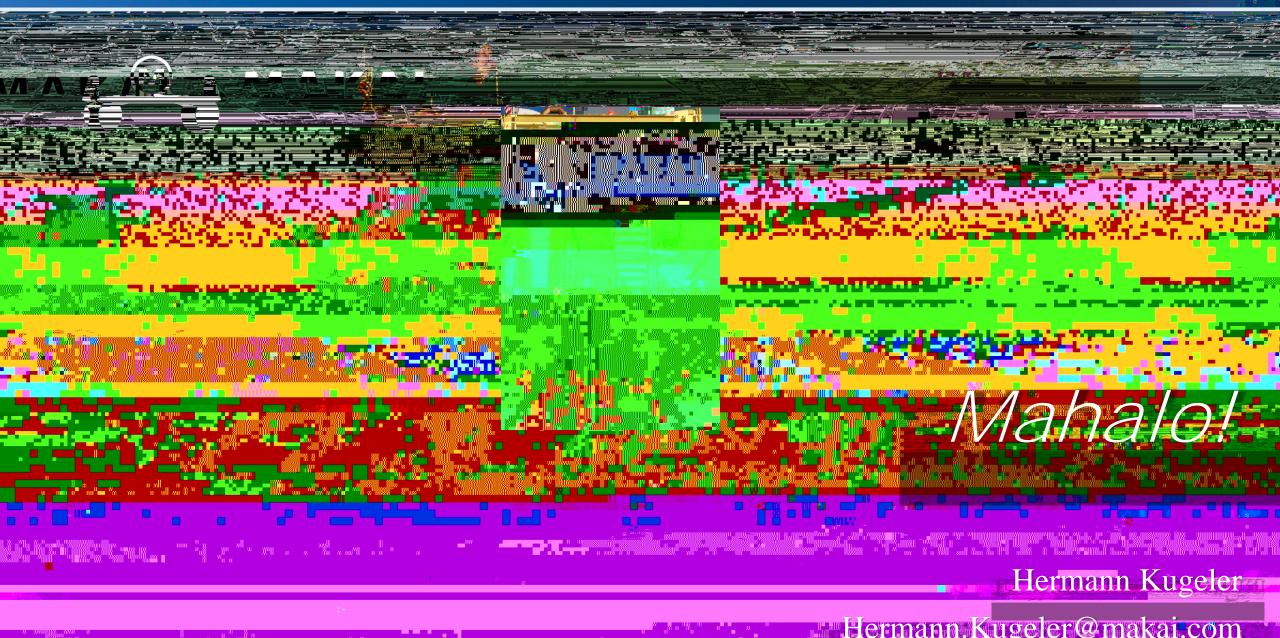
Corrosion Resistant

Form Fitting

Advantages

Up to 5 - 8x more compact





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