



# WAVES TO WATER

## TECHNICAL NARRATIVE TEMPLATE DESIGN STAGE

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### Win/win pathfinder

Join us to save the earth for common cause

### Team

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The wave powered, thermal desalination processor related a novel solution, a self-power water desalination processor to delivery water or clear during disaster relief and recovery in a remote or separate oil from seawater in case oil spill .

The core technologies behind the processor is based on a shaft-less turbo-machinery as a thermal /membrane technology , the thermal /membrane technology is a first stage, the next stage would be developed with a self-pumped system by harvesting the wave energy , so the wave power generator only provide heat energy as well as pressure energy , the shaft-less turbo-machinery is the state art technology and is prove the concept a well as at prototype stage , a disrupt innovation will revolution the 300 years history of the turbo-machinery, while thermal /membrane technology is a mature technology,

The processor is based on module design or off-shelf components ( like pump ,heater , water tank ) and is scalable up to 2.5–3 MW 3 with 5 base models and so versatile for both desalination or oil/water separation as well as along with offshore wind farm or a stand along power generator located less than 500 meters from shore, the further simulation and test could be conducted as digital twin around the coastal states or water rich inland states to provide each local solution and reduce risk of mismatch between the product and local ocean conditions.

We like to have funding from American corporations , federal , state and local governments ( 1 to 2 million ) as well as hire talents from computer science , mechanical engineering , electrical engineering and sales , assemblers and testers ( 20 to 50 people ) for delivering renewable energy by making (1) wave power generator housing (2) wave turbine (3) (3.1) for large size geared satellite electrical generator (3.2) for small size single electrical /magnetic/ stator and rotor and work with the coastal states as well water source rich inland states to work together for our common goal to save the earth and our life as well as our grandchildren and deliver the product as a wave powered thermal desalination processor or a wave power generator between 2021 - 2022.

Sales goal is

2021 -2022	2 million	2022- 2023	5 million
2024- 2025	10 million	2024- 2025	25 million

# Supplementary Information

TECHNICAL NARRATIVE WORD COUNT:   307   TOTAL WORDS