

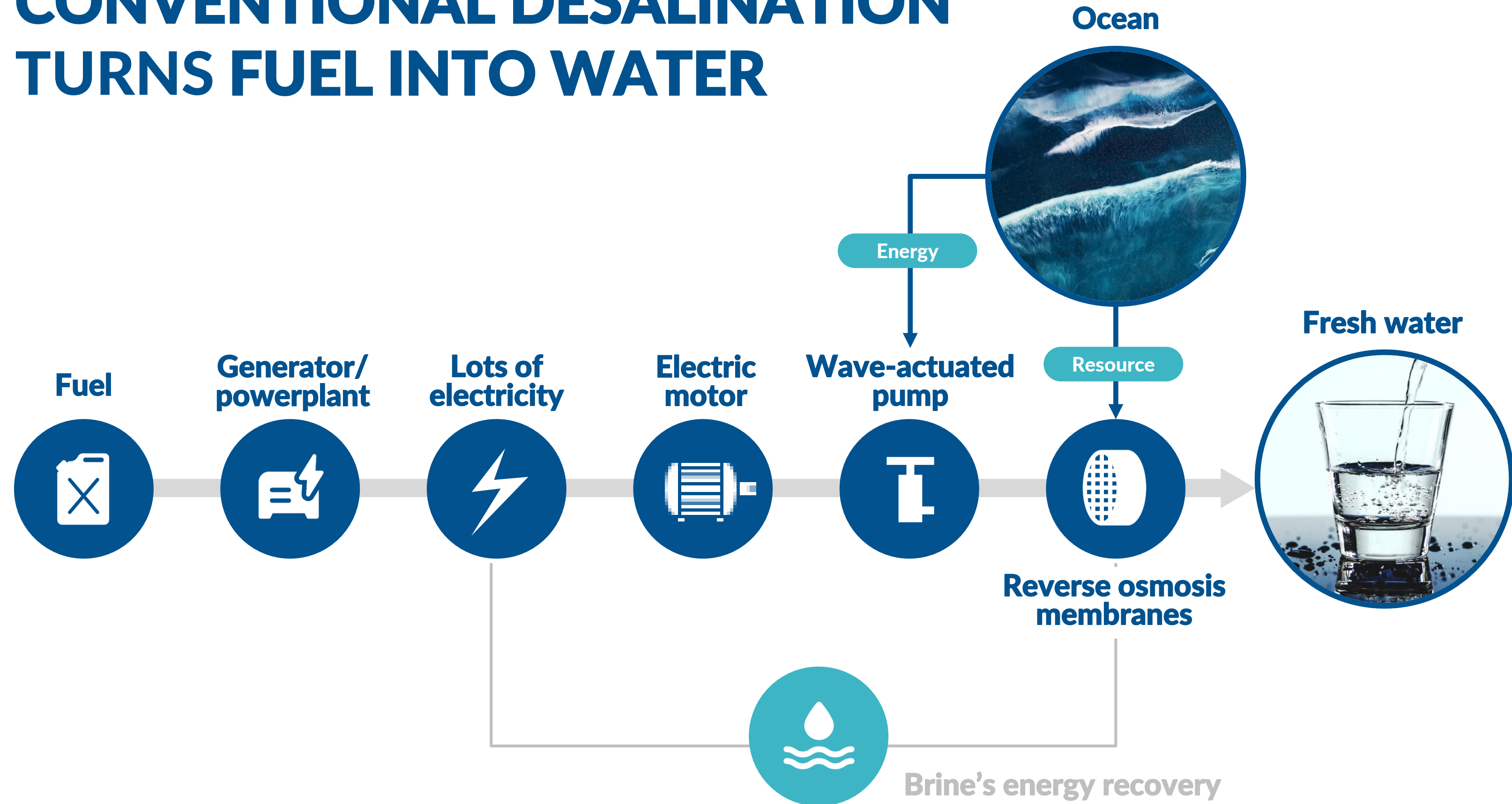


Oneka

**WAVE POWERED
SUSTAINABLE DESALINATION**

Making the oceans a sustainable and affordable
source of freshwater

CONVENTIONAL DESALINATION TURNS FUEL INTO WATER



CONVENTIONAL DESALINATION COST BREAKDOWN

20,833

m³/day plant example

15%

Total cost of capital
at interest 8%

15%

Total capital cost

18%

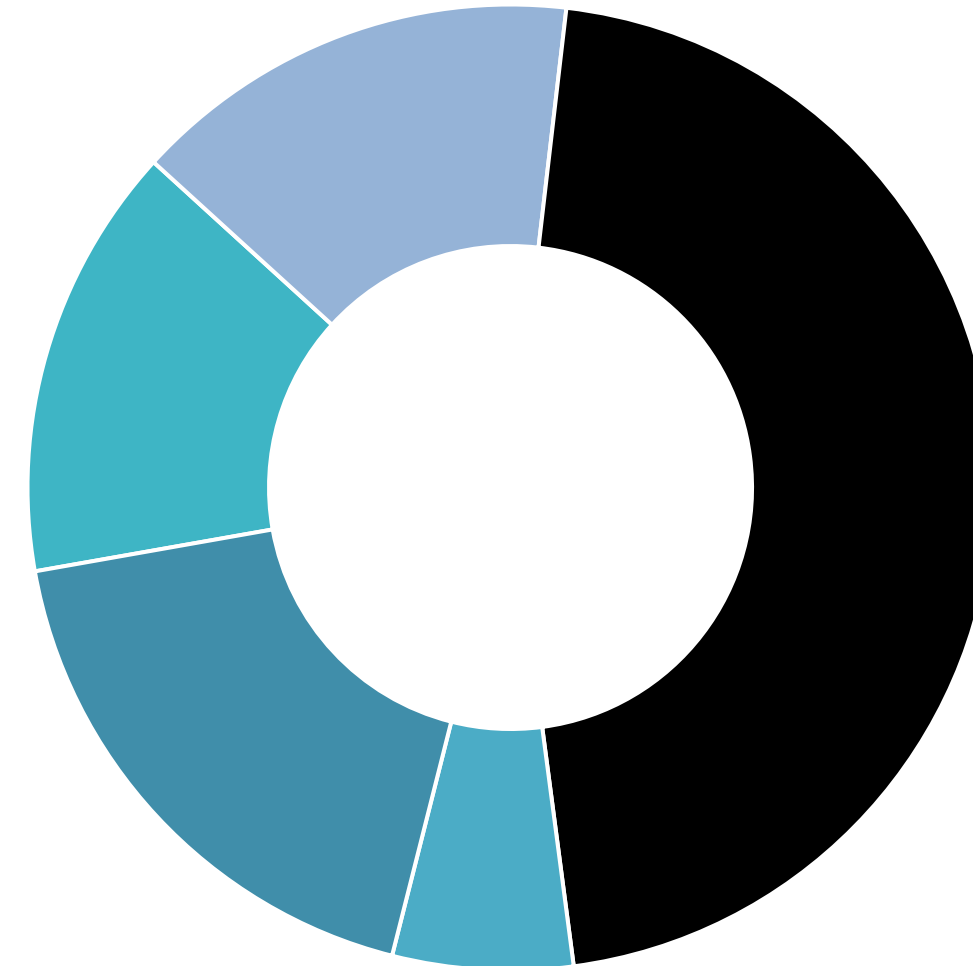
OpEx - total materials
and others

6%

OpEx - total labor

5,500,000 \$/yr

Numerous suppliers (>10) and stakeholders sharing the Capital costs and Operational costs value chain



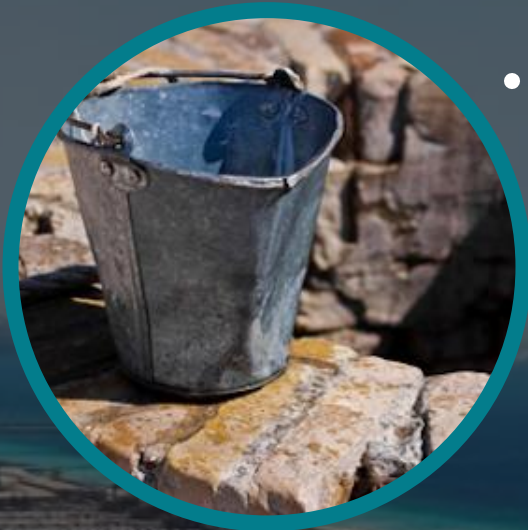
46%

OPEX - TOTAL
ENERGY COST

4,500,000 \$/yr

Single largest cost
One single source

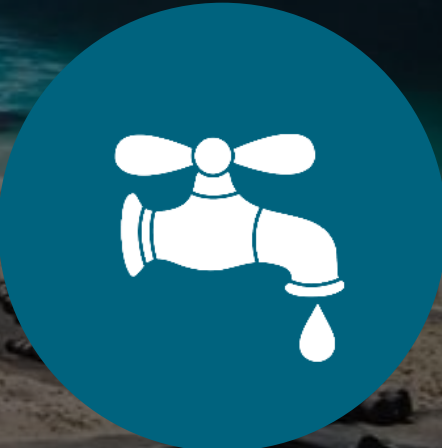
**WATER
SCARCITY**



**CONVENTIONAL
DESALINATION**



**CLIMATE
CHANGE**





DESALINATION OFFERS A SOLUTION, BUT CONVENTIONAL DESALINATION IS CARBON INTENSIVE

2020

2050

~1 %

of world's population
lives on desalinated
water

=

~0,5 %

of world's CO₂
emissions

10 %

of population

desalination expected
to tenfold at current
growth rate

=

~ 5 %

of today's world's CO₂
emissions

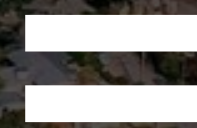
about twice the
aviation industry



**WAVE
ENERGY**

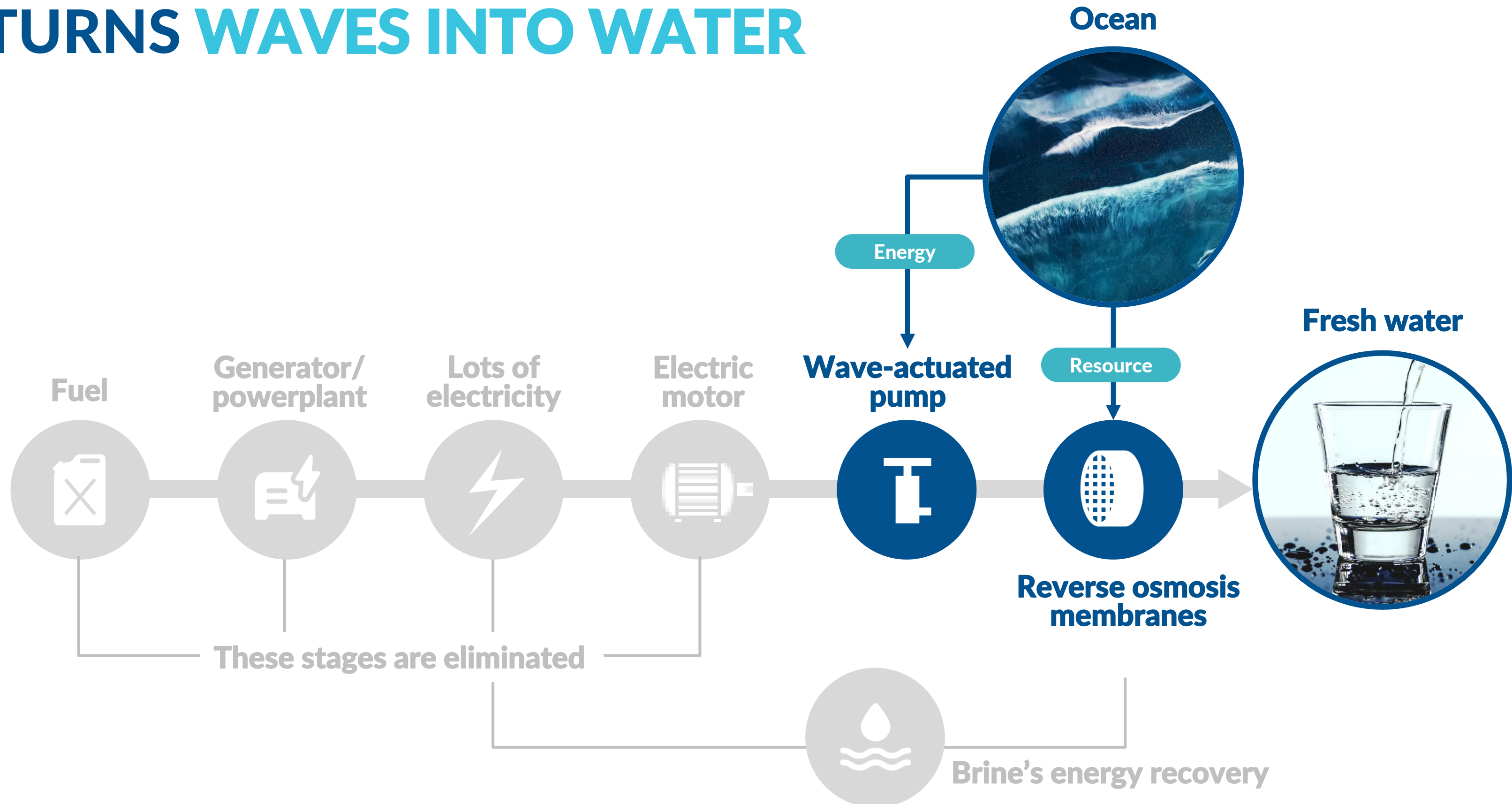


**SEA
WATER**



**UNLIMITED
& SUSTAINABLE
SOURCE
OF FRESHWATER**

ONEKA SUSTAINABLY TURNS WAVES INTO WATER



BEYOND PROVIDING FRESHWATER: BUILDING SUSTAINABLE COMMUNITIES



**REDUCE CARBON
INTENSITY**

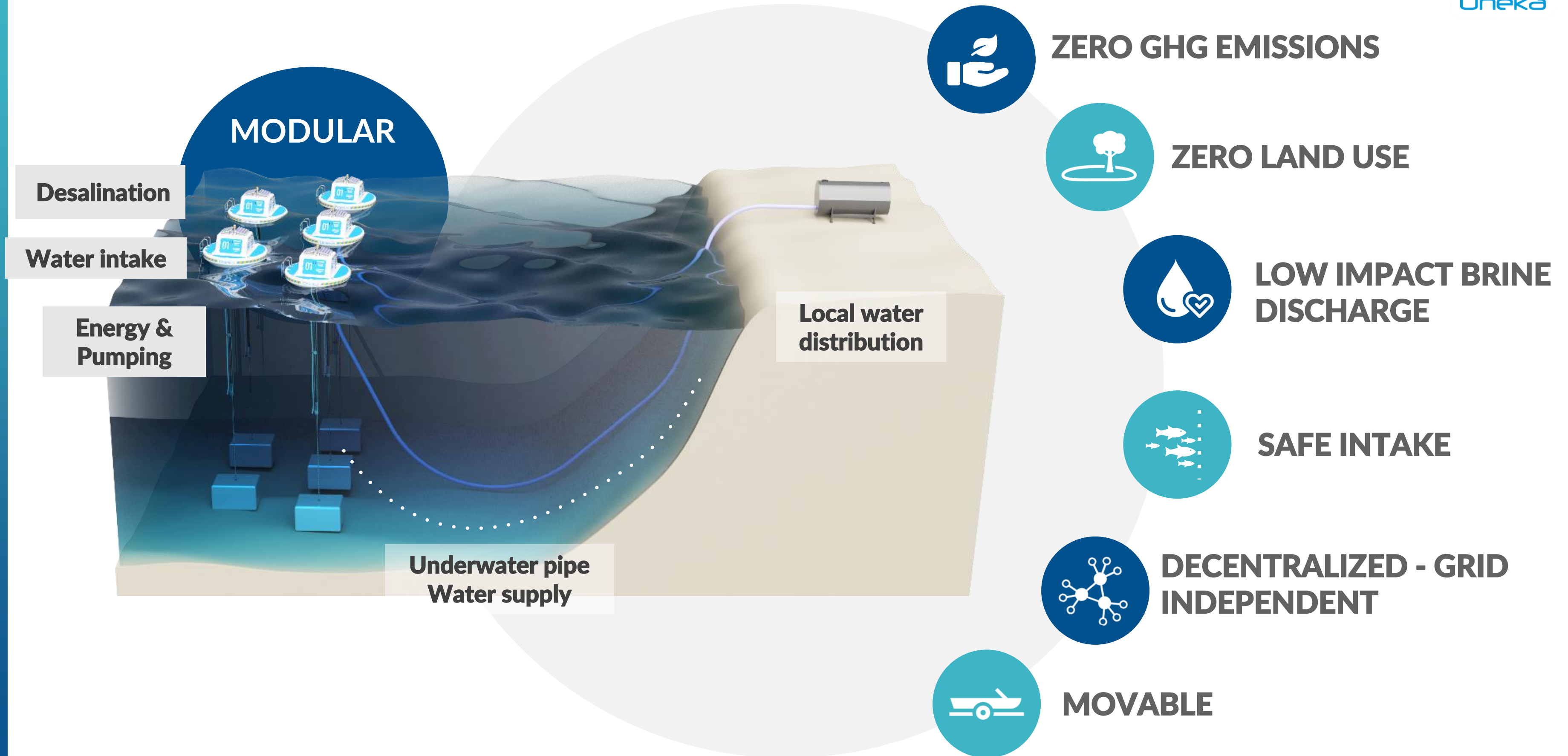


**MITIGATE
SOCIAL RISKS**



**DECREASE
OPERATING
COSTS**

ONEKA'S WATER TAP FROM THE OCEAN



PROVEN AND SCALABLE TECHNOLOGY



- #1 trial: Extreme wave conditions in Canada
- #2 trial: Tough feed water in Florida
- #3 trial: Deployment at user site in Chile



Survived Storms with
14 ft Hs Waves (near 20ft max)



1.8 GPM capacity

**Ocean-Test Early
Learn and Iterate Rapidly**



V1



V2



V3

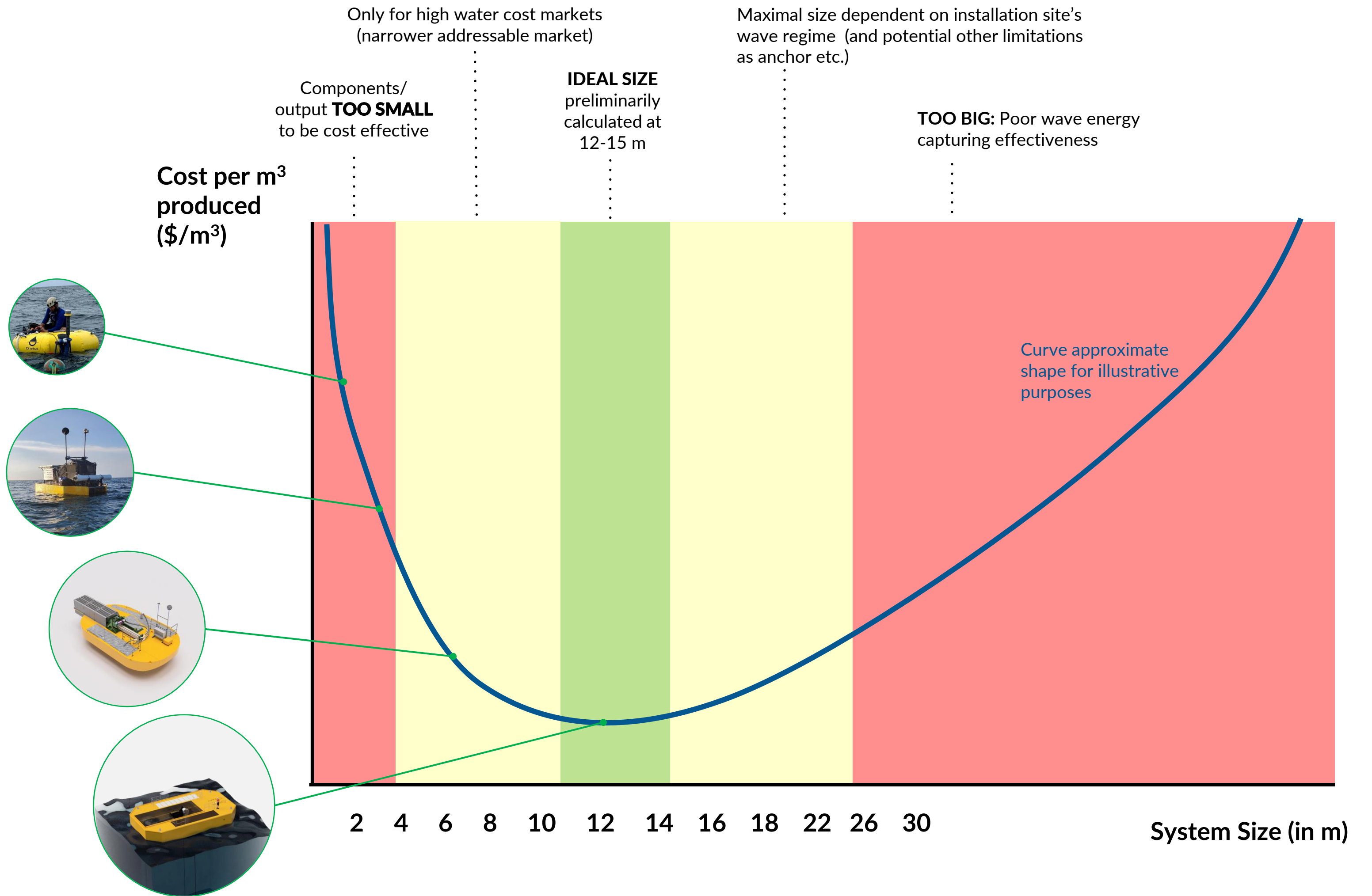


V4

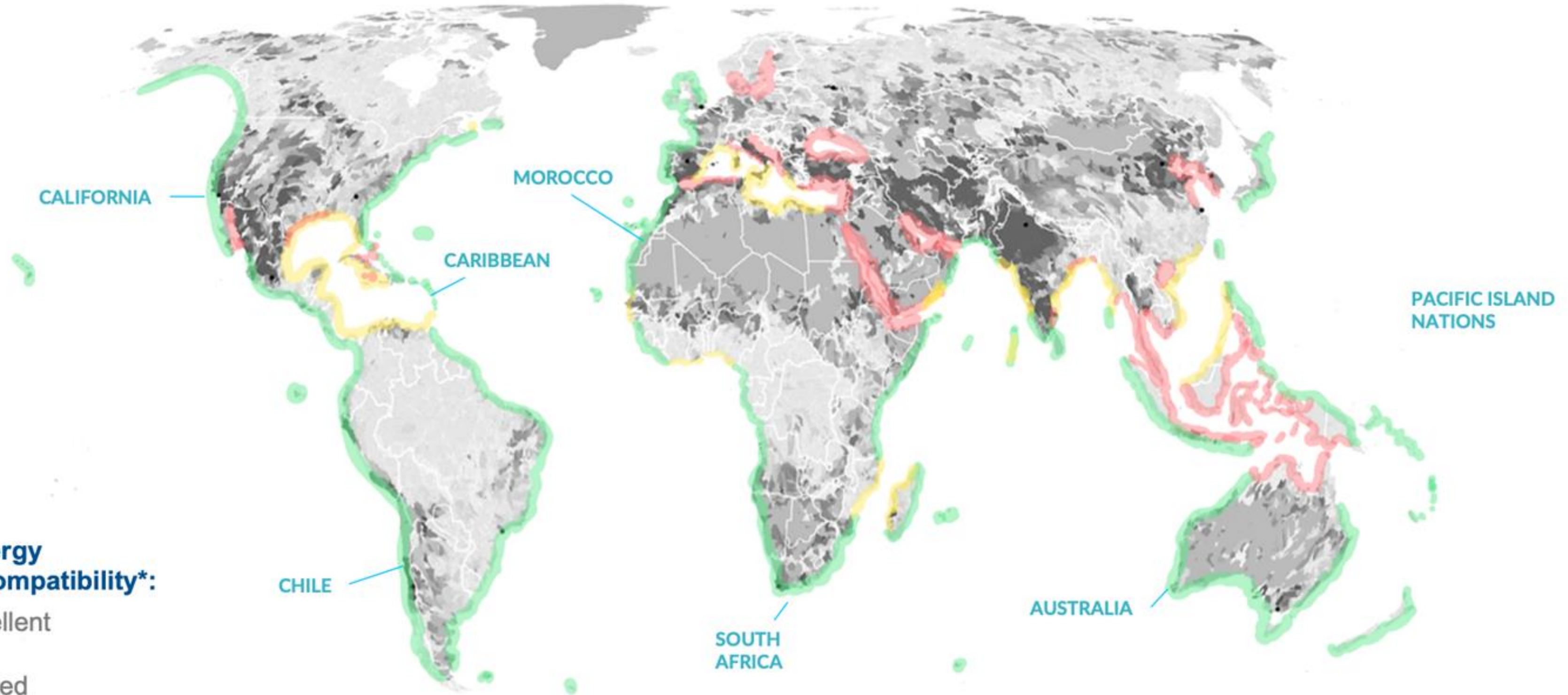


V5

UNIT SIZE VS DELIVERED WATER COST



WAVE ENERGY MEETS WATER SCARCITY



Wave Energy density compatibility*:

- Excellent
- Ok
- Limited

*approximative zones for indicative purposes

Market examples facing water scarcity

Markets


California
Fort Bragg

Iceberg

Caribbean

 Water scarce

 High energy cost

 Great waves
& clean transition

Chile
Coquimbo



Leveraging
the local pilot

