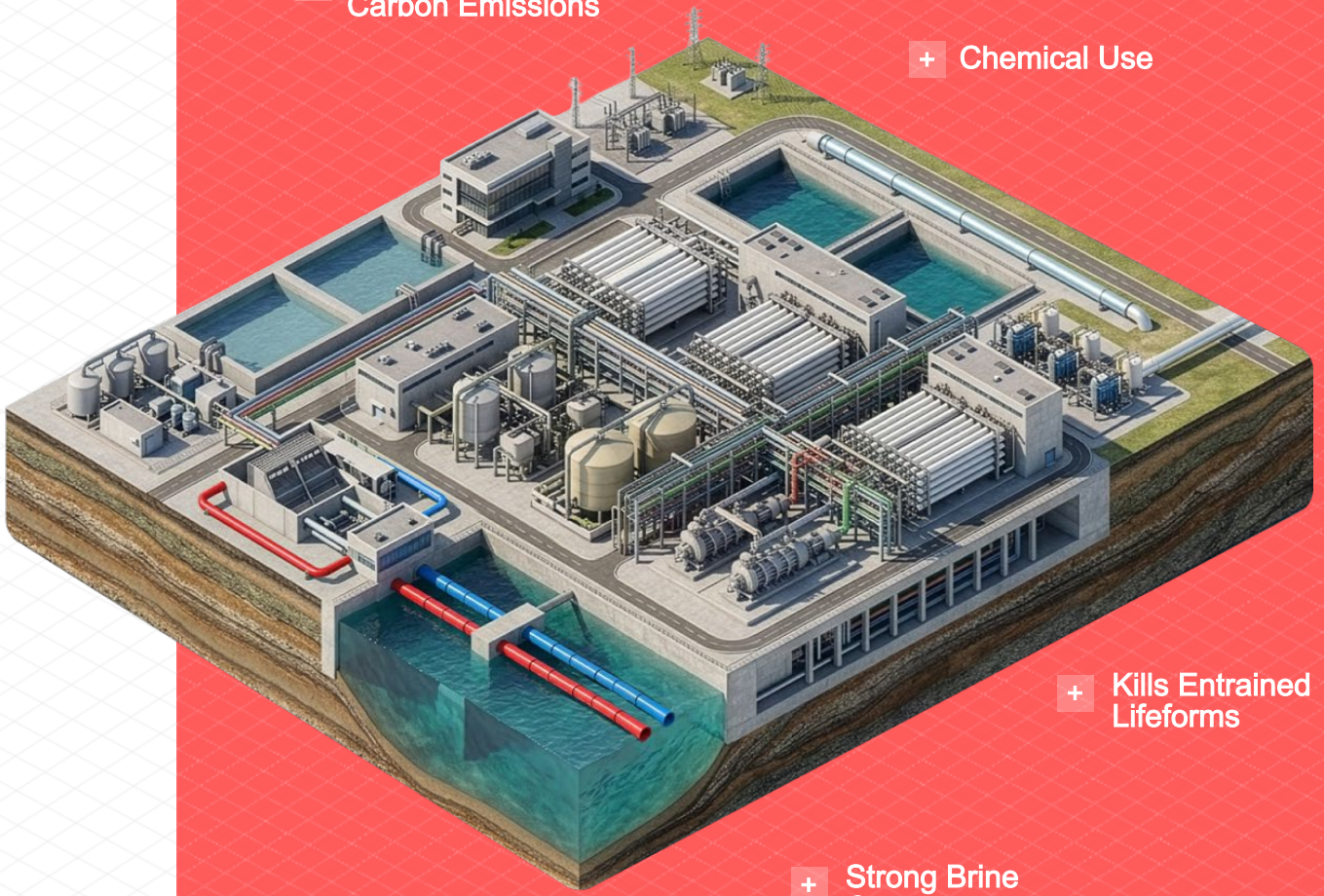
OceanWell | GLOBAL WATER SUMMIT 2026

Desalination Reimagined for a Water - Scarce World

Robert Bergstrom
Chief Executive Officer

The Challenge of Traditional Desalination

Onshore Desalination has failings that create widespread resistance.



GLOBAL WATER SUMMIT 2026

+ High Energy Costs & Carbon Emissions

+ Chemical Use

+ Kills Entrained Lifeforms

+ Strong Brine Concerns

+ Large Coastal Footprint

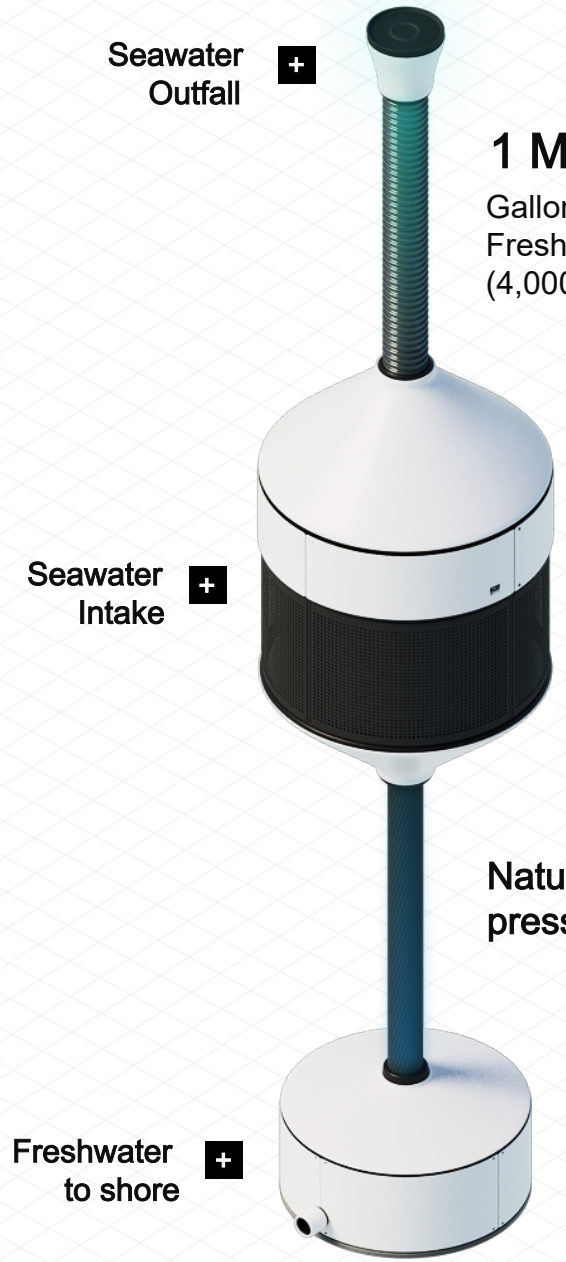
Summary | OceanWell's Solution

The Solution

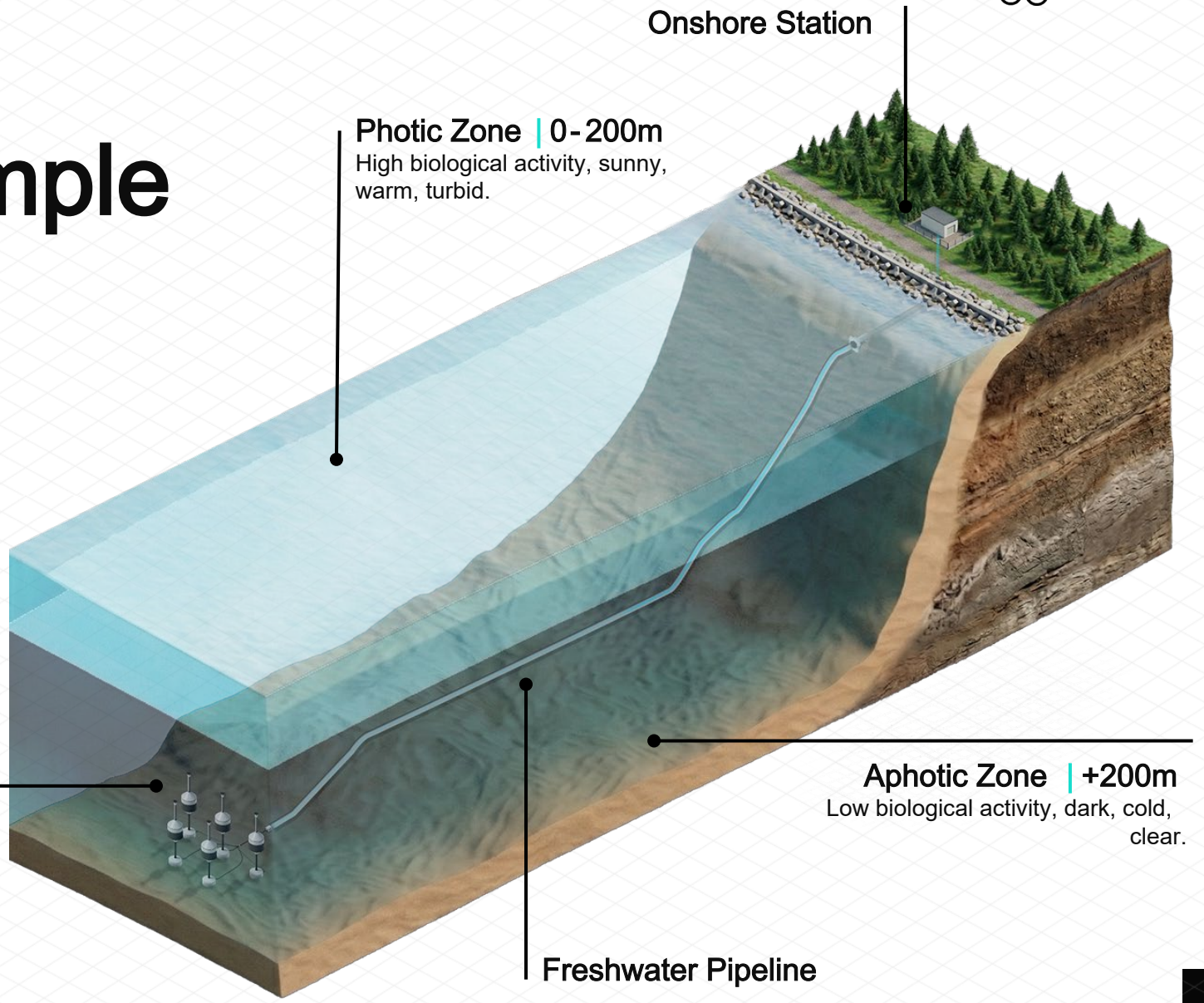
Modular subsea Pods leverage the ocean's pressure at depth to vastly improve freshwater production:

- →Up to 40% energy reduction
- →Prevents Marine Life Impact
- →No toxic brine
- →No onshore plant
- →No chemicals
- →No solid wastes
- →Extremely cold
- →Boron

This unlocks affordable desalination at massive scale



OceanWell is simple and benefits the environment.



A Game Changing Technology

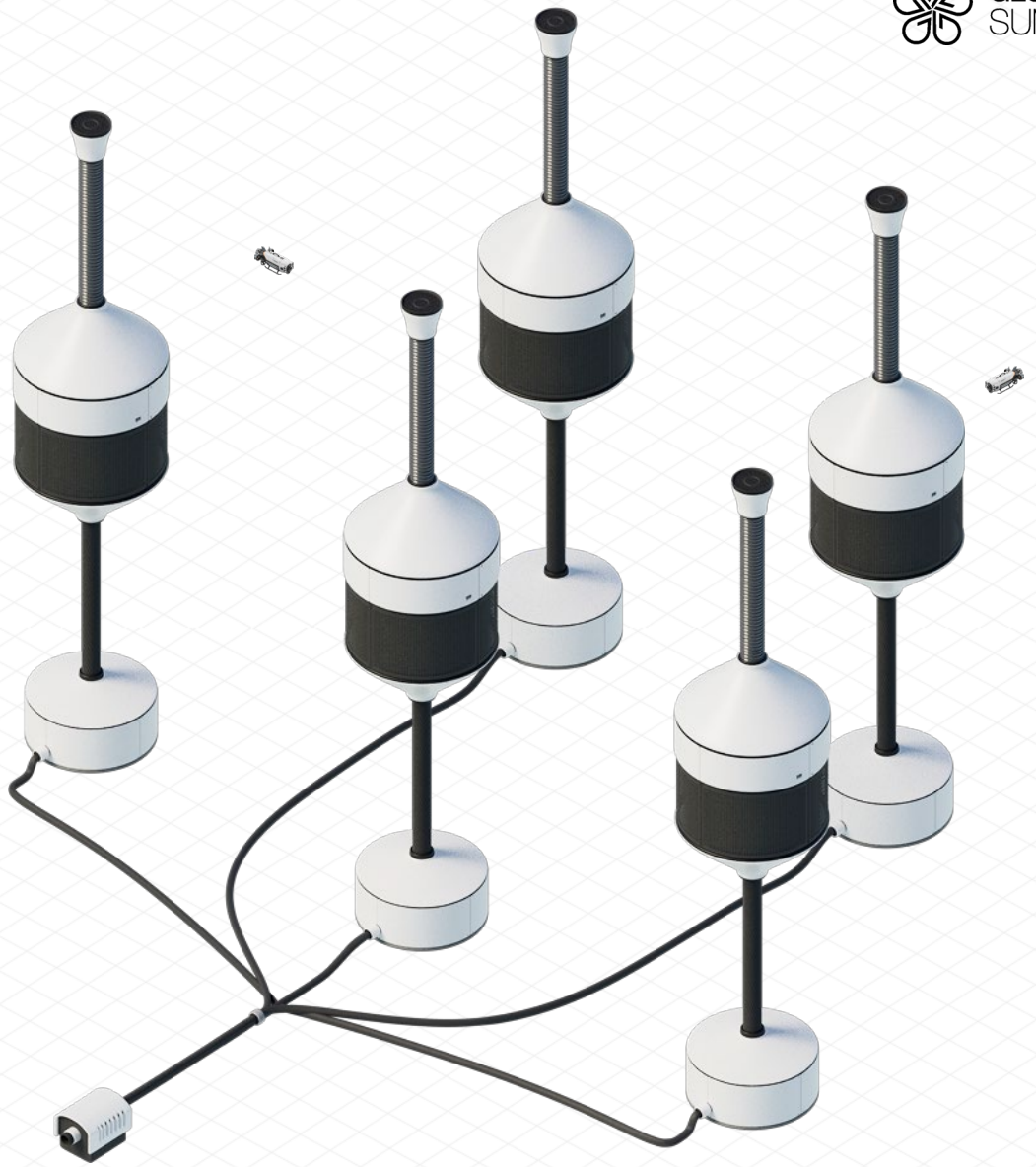
Summary | OceanWell Farms

- → Drought Proof
- → Climate Proof
- → Substantial Energy Savings
- → No Brine Problem
- → Minimal Sea Life Mortality
- → Modular, Start Small and Build Up
- → 60 - 90% Reduction in Onshore Footprint
- → Permittable and Buildable

Summary | OceanWell's Solution

Advantages of SRO

- Free pressure = 1.5X water per kilowatt
- Produces no "toxic" brine
- Feedwater from deep below photic zone
- Reduces common points of failure
- Factory built
- Scales up economically
- Massively redundant
- No chemicals required
- Lower cost water

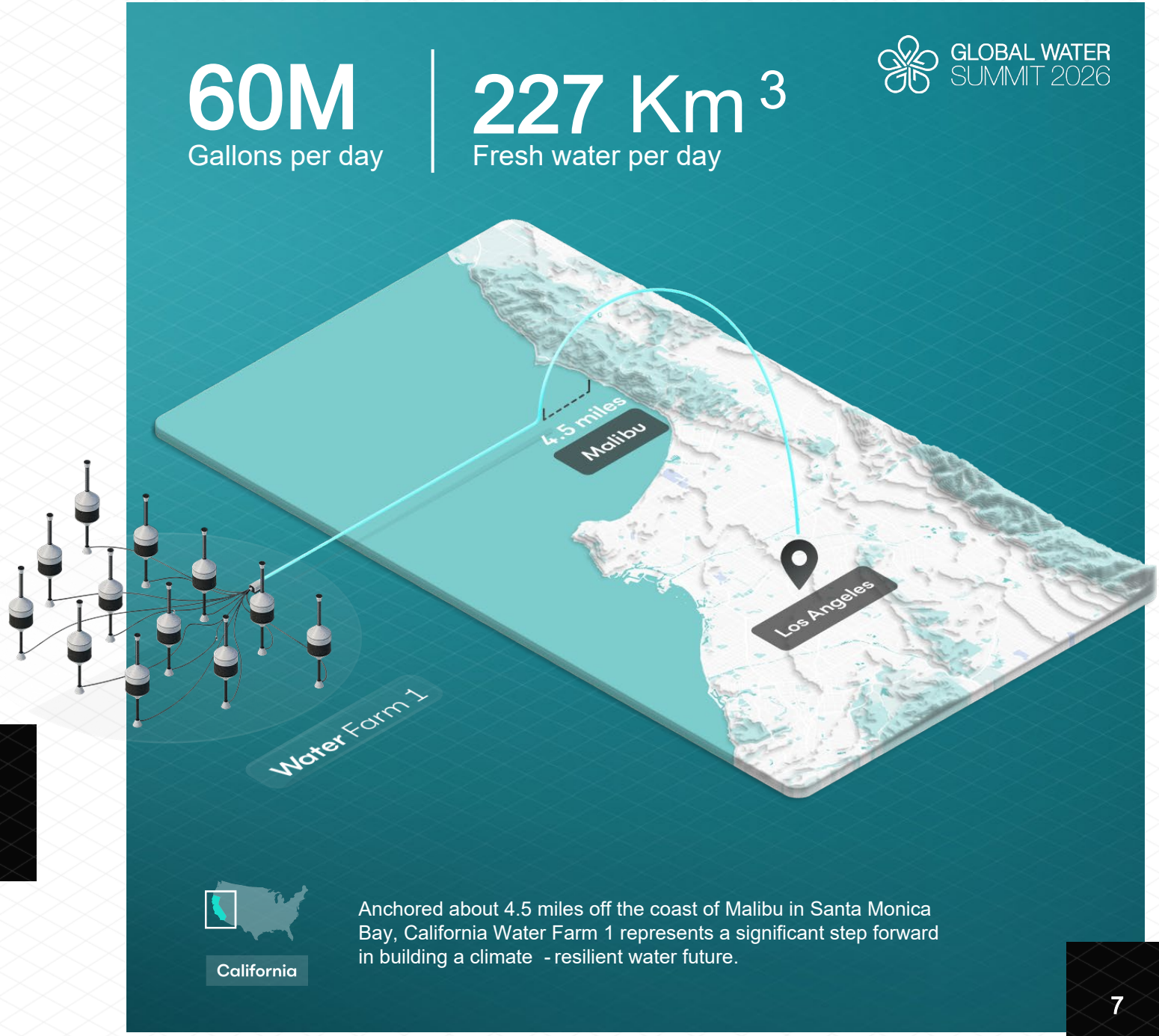


Summary | 1st Commercial Project

Water Farm #01

The first commercial - scale deployment of an OceanWell.

A seven - agency consortium led by Las Virgenes Municipal Water District is funding an independent feasibility study on onshore infrastructure.



Problems Solved by SRO

Summary | OceanWell Farms

- → **Step-change reduction in energy demand per unit**
- → **Environmental impacts:**
  - → Lower GHG/carbon
  - → Reduced brine
  - → Reduced entrainment
- → **Siting:** expanded viable locations
- → **Real estate:** reduced footprint needs
- → **Zoning & permitting:** simplified pathway

OceanWell | Future

The Next Step

- **Scaling water solutions requires a new kind of coalition:** water agencies, capital, NGOs, and public partners...
- **The goal is not more pilots. It's deployment models** that reach vulnerable communities.
- **XPRIZE plays a critical role in pushing the ecosystem** from "innovation" to "execution".

GLOBAL WATER SUMMIT 2026

OceanWell's Design Advantages

- Reduced failure points
- Smaller environmental footprint
- Redundant architecture
- Expandable and resilient

Seawater Outfall

Seawater Intake

Freshwater to shore

Survivable, permittable, resilient design

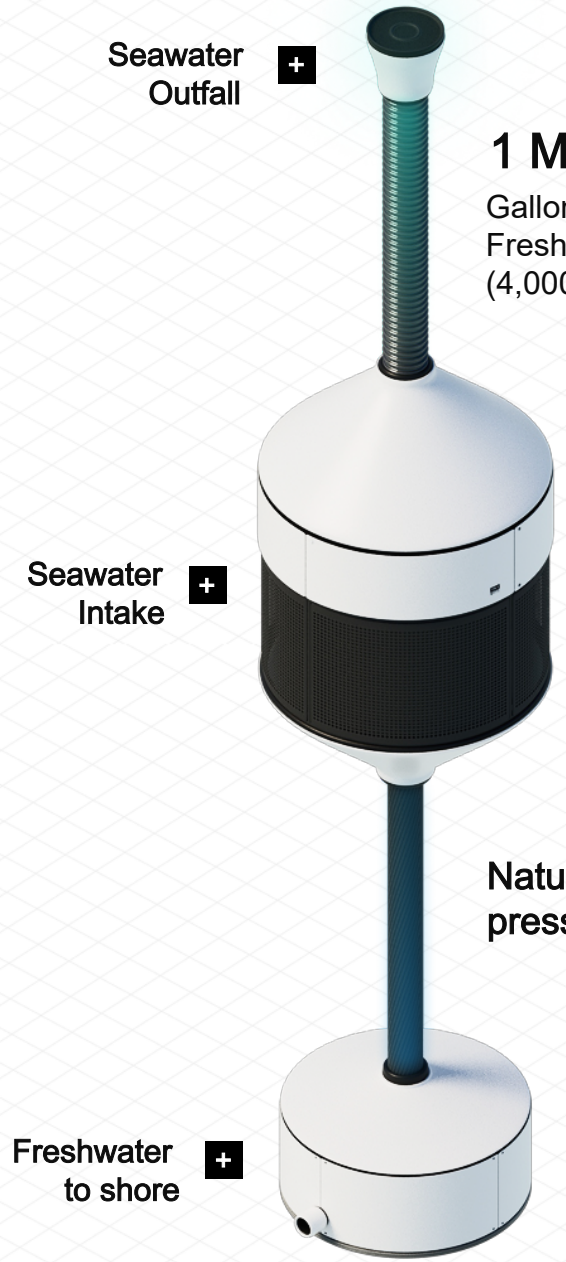
1 Million

Gallons per day Freshwater production ($4{,}000\ m^3$ per day)

OceanWell's Design Advantages

Reduced failure points
Smaller environmental footprint
Redundant architecture
Expandable and resilient

Survivable, permittable, resilient design



1 Million
Gallons per day
Freshwater production
(4,000 m ^{3} per day)

Natural hydrostatic pressure

Thank you!

OceanWell | Future

Why OceanWell?

- → **Solves key pain points**
  - → Environmental opposition
  - → Invisible footprint
  - → Lower cost
- → **Green by design**
  - → Reduced GHG
  - → Protects marine life
  - → Reduced brine impact
- → **Cheaper, faster, better**

OceanWell | Future

SRO Explained

- Submerged reverse osmosis (SRO)
- Substitutes natural high pressure for electricity
- Key advantages:
  - High pressure feed is unlimited
  - Pumping only product water
- Environmental:
  - Lower GHG/carbon
  - Reduced brine
  - Reduced entrainment

OceanWell | Future

Problems Addressed by SRO

- **Step-change improvement** in energy demand per unit
- **Environment:**
  - Lower GHG/carbon
  - Reduced brine
  - Reduced entrainment
- **Siting:** expanded viable locations
- **Real estate:** reduced footprint needs
- **Zoning:** simplified requirements

OceanWell | Future

Why wasn't this done before?

- 1965 patent
- Experiments to validate the concept
- Infeasible
  - Design RO in a box
  - O&M
  - Power
- Design
- Complexity
- Operations and Maintenance

SRO Hurdles

Summary | OceanWell Farms

- → O&M
- → Pretreatment
- → RO redesign required
- → Ships and installation
- → Continental shelf limitations
- → Financing first of a kind
- → Regulatory education and changes