



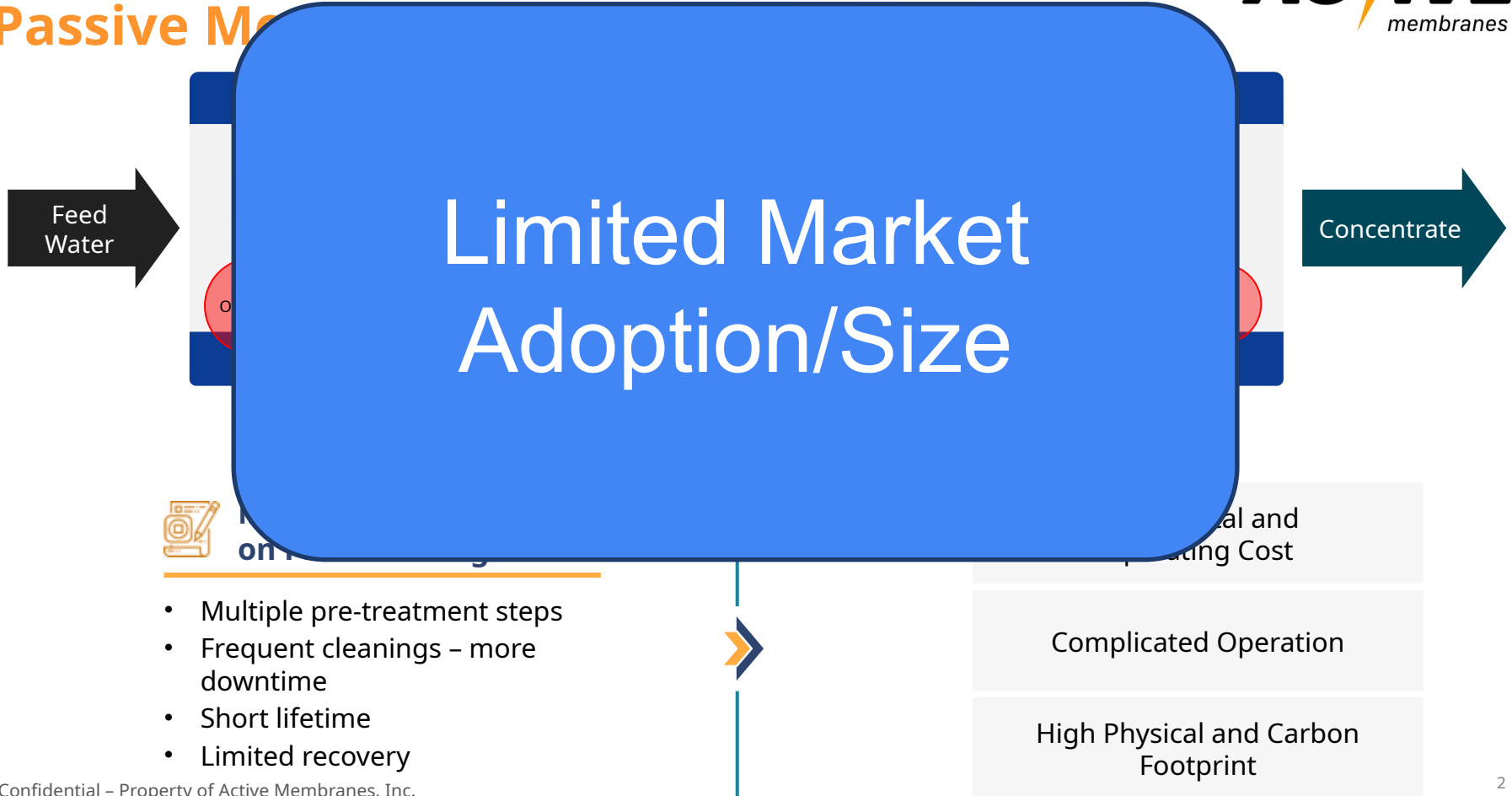
Cost Effective & Sustainable Water Desalination at Any Scale



Confidential – Property of Active Membranes, Inc.

The Problem:

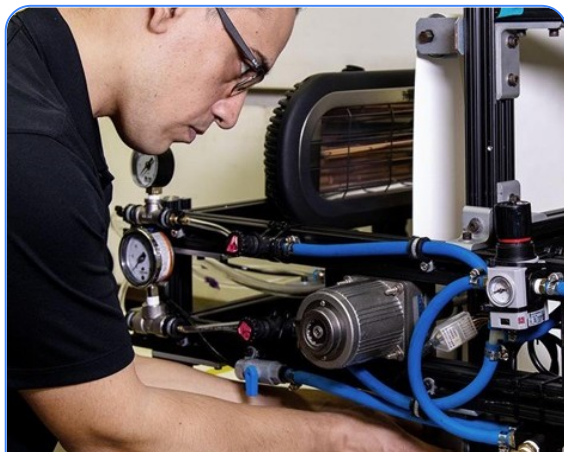
Passive Membranes



Solution: Smart Electro-Active Membrane Separation



How we do it?



**Electrically Conducting
Coating on Top of an
Existing Membrane**

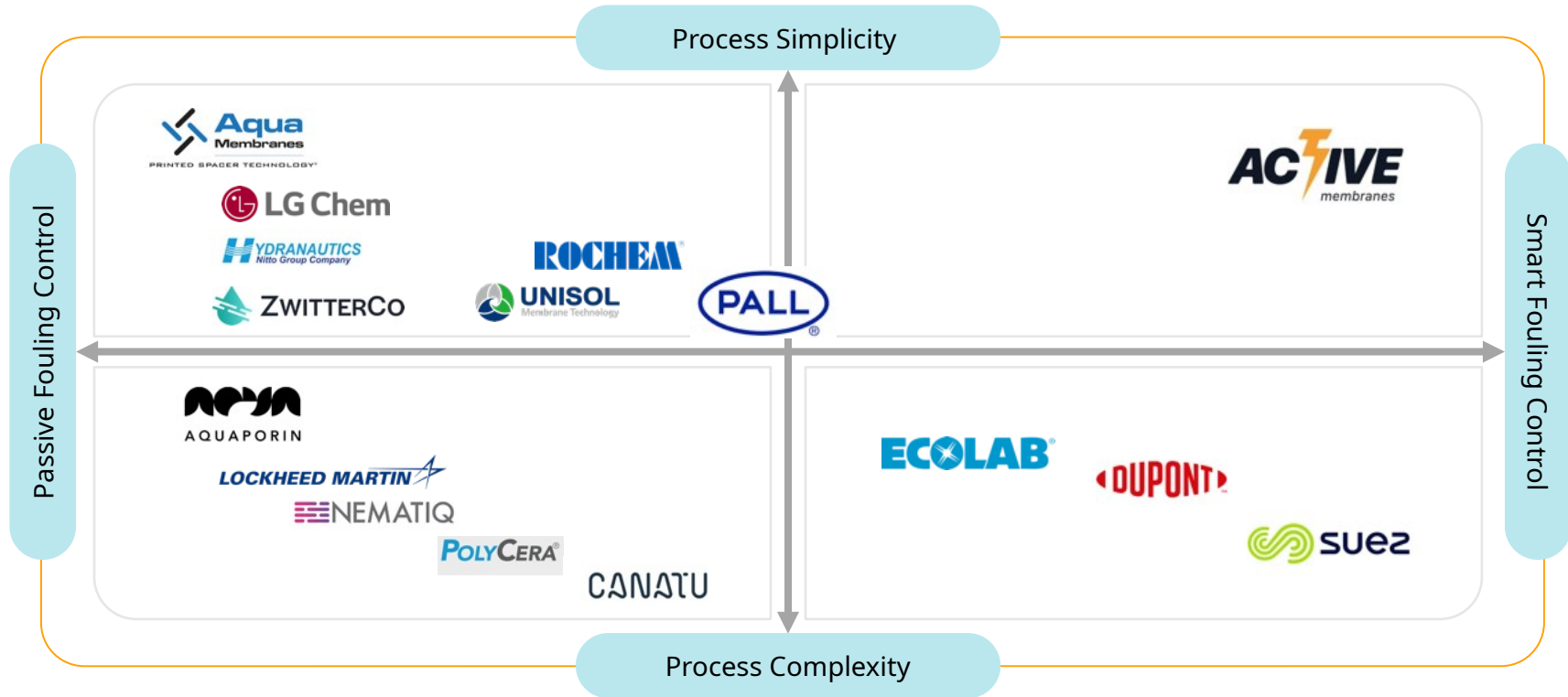


**Spiral Wound Module
Design
(Active Module)
+
Independent
Energization Module
(Active Box)**



**Existing or New
Membrane Systems**

A Unique & Fundamental Shift in How Separation Works...



Impact Example

2018 – Passive Membranes



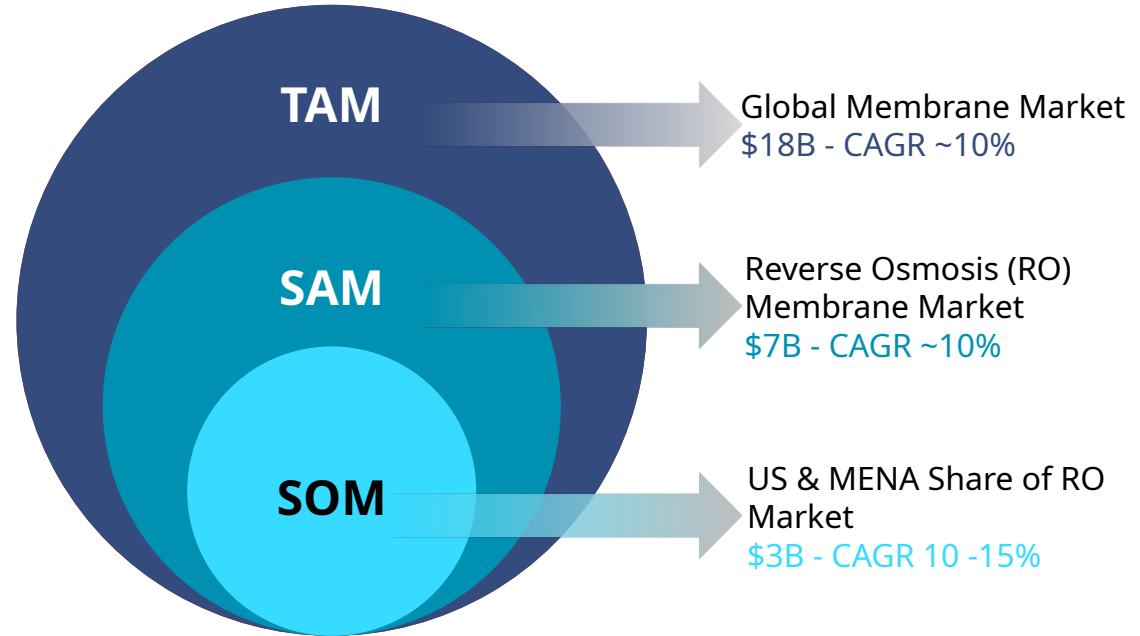
2025 – Active Membranes



53% lower Life Cycle Costs
61% Less Footprint
13% Less Carbon Emissions
No Chemical Pre-treatment



A Growing Market Ripe for Disruption

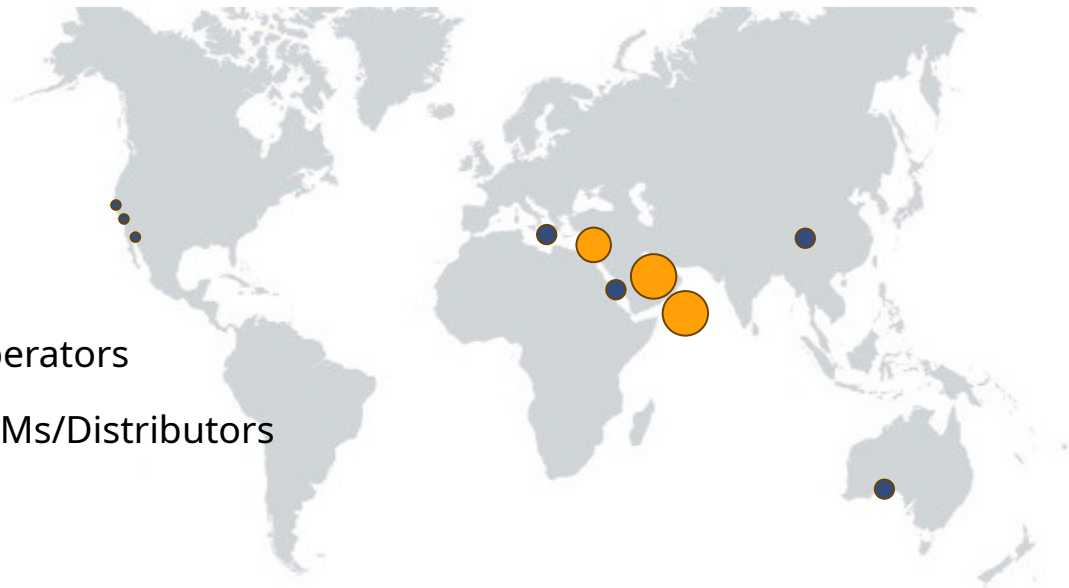


Beachhead Applications:

- Brackish Water Desalination (US)
- Seawater Desalination (MENA, Mediterranean)
- Industrial water reuse (mining, produced water)

High Impact
Traction:
From Lab to
Global Demand
in 2 years ...

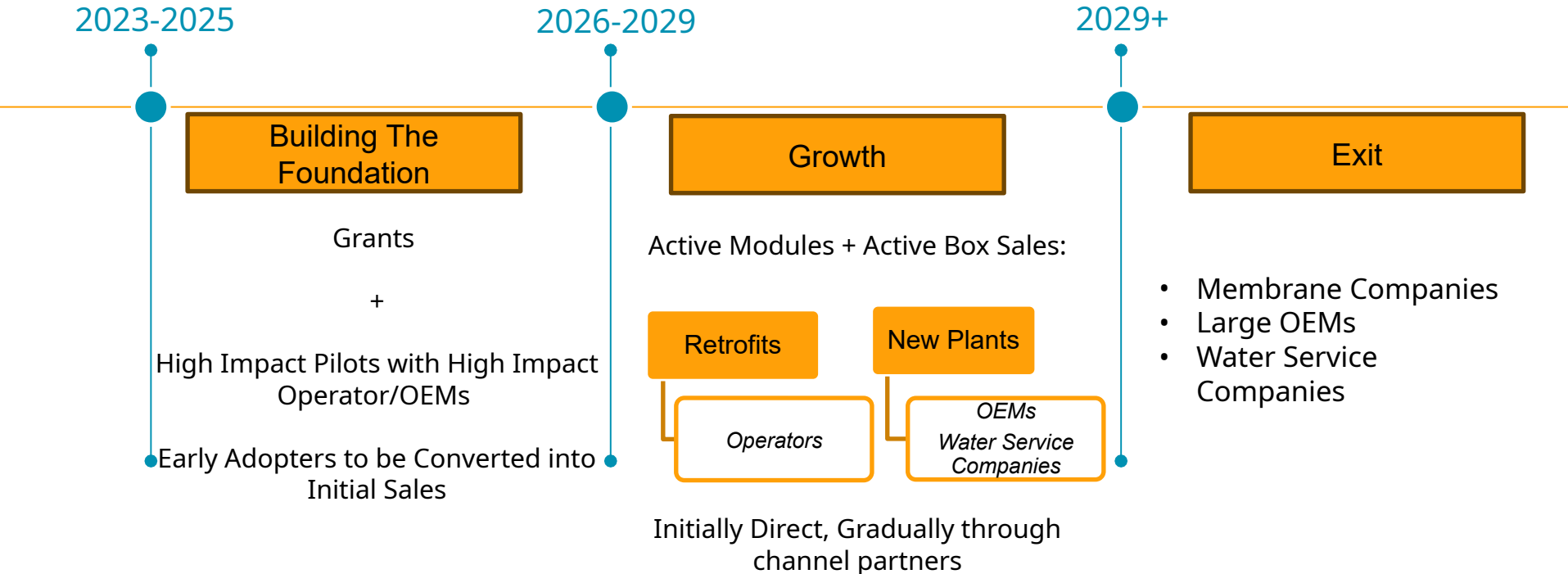
- Operators
- OEMs/Distributors



Opportunities developed with 10.4% of World
Desalination Installation Capacity
Equivalent to \$650M Pipeline

Business Model

Multiple Revenue Opportunities



World Class Industry Professionals



Dr. Arian Edalat
Co-Founder & CEO, Board Member
20 years of global lab to field technology development, commercialization, deployment



Dr. Subir Bhattacharjee
CTO
25 years of lab to field technology development, commercialization, deployment



Dr. Eric Hoek
Co-Founder, Co-Inventor, & Board Member
UCLA Professor – Award winning serial water-tech entrepreneur



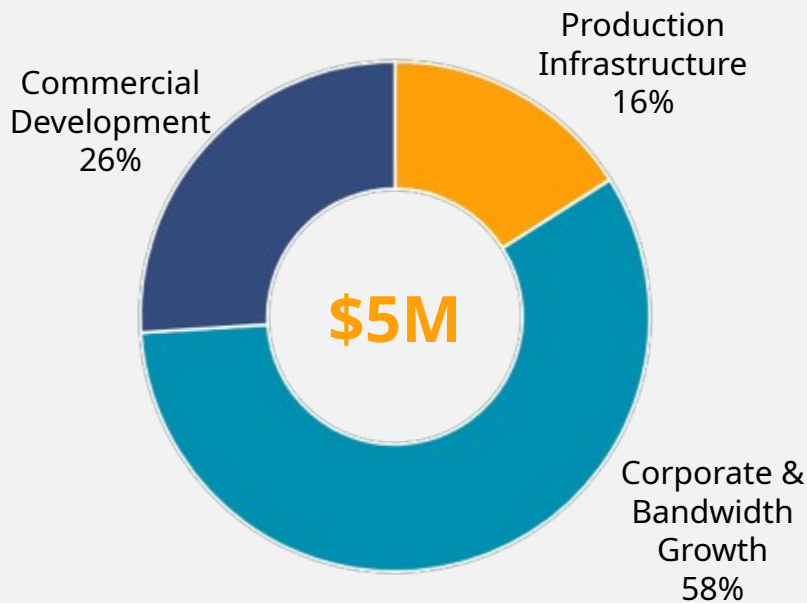
Dr. David Jassby
Co-Founder, & Co-Inventor, Advisor
Water-Tech entrepreneur & Investor, UCLA Professor

Combined 100 Years of Advanced Water Treatment
Technology Development & Commercialization

\$5M SEED Round:

Ramp production & bandwidth to meet a growing demand

Use Funds



Highlights

\$0.9M already committed from current investors

\$4.1M left in the ticket

Looking for lead impact Investor with strong cleantech and scaling experience

Key Milestones:

- Initial commercial installations as early as 2026
- In-House production capacity expansion
- Establish channel networks in beachhead markets

Building Credibility, Capability and Momentum

Journey Started
2022

Grants: \$0.70M
SAFE Note: \$0.85M

Pre-SEED I: \$1.45M
Closed 6/24

SEED : \$5M
Close target: 1/26

Grants



Awards



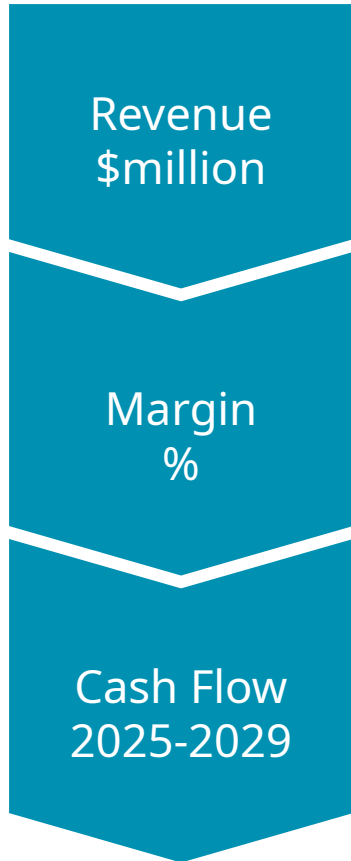
Investors/ Accelerators



High Impact Commercial Pilot Partners



2024-2029 Financial



- Grant/Pilot Revenue 2024 - 2025.
- Initial small scale pilots convert in mid-2026.
- Large-scale pilot conversion - capacity/revenue ramp up.
- Target: Convert 8% of the serviceable market by 2029

- Operating Margin Improves as procurement volumes increase.
- COGS lower as production procedures improve.

- \$1.45M Pre-SEED – Closed July 24
- \$0.9M Bridge Fund – Closed June 25
- \$4.1M Seed – Close Target - Early 26
- \$5M Investment/Debt (capacity ramp up) – 27, 28
- \$22M of Cash Flow unlocked in 2028-2029



Thank You

Contact Details

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<https://www.linkedin.com/company/active-membranes-inc/>



<https://www.youtube.com/@ActiveMembranesInc>