

SOLAR OYSTERS



MEDIA KIT

MEDIA KIT

MEDIA KIT 2025

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COMPANY OVERVIEW



Solar Oysters offers an innovative new platform with on-site solar-powered automation for oyster aquaculture. The patent-pending Solar Oysters Production System (SOPS) will expand grow capacity while decreasing labor demands and the size of the lease area required to grow oysters.

In 2019, Solar Oysters designed and built the first SOPS prototype in partnership with the University of Maryland Center for Environmental Science (UMCES). After a successful test run, a second, larger prototype was built and launched in 2021. With support from the Chesapeake Bay Foundation and a grant from Baltimore's Abel Foundation, the larger SOPS prototype was used to grow 400,000 oysters for planting on CBF's restoration reef in Baltimore Harbor between 2022 and 2023. Over those 2 years, oysters grown on SOPS had high growth rates and high survivability.

Solar Oysters is currently partnering with Hoopers Island Oyster Company as we continue to test and prove our SOPS technology. SOPS will be commercially available in 2026.

BRAND STATEMENT

Oyster aquaculture technology has been static in an industry that needs and is beginning to grow to meet global protein demand and to advance restoration. Solar Oysters is an innovative technology company using sustainable energy to automate and maximize production while minimizing labor inputs.

CONTACT INFO



Steve Pattison

BUSINESS MANAGER

✉ steve@solaroysters.com ☎ 410-493-8645

At Solar Oysters, Steve serves as Business Manager responsible for coordinating marketing and sales, business plan development and implementation, identifying and responding to grant opportunities, and stakeholder engagement/outreach and permitting/licensing.



Ed Mihalski

COMMUNICATIONS

✉ ed@solaroysters.com ☎ 240-205-5368

Ed Mihalski is Solar Oysters' Communications Specialist. He helps develop strategy, messaging, and materials for marketing, social media, events, and other Solar Oysters activities. He also helps with operations during all-hands-on-deck events on SOPS and onshore.

KEY FACTS

YEAR FOUNDED: 2019

LOCATION: PARKTON, MARYLAND

PROTOTYPE TEST AREA: BALTIMORE HARBOR & FISHING BAY, MARYLAND

KEY PARTNERS: HOOPERS ISLAND OYSTERS COMPANY, CHESAPEAKE OYSTER ALLIANCE, AND THE CHESAPEAKE BAY FOUNDATION

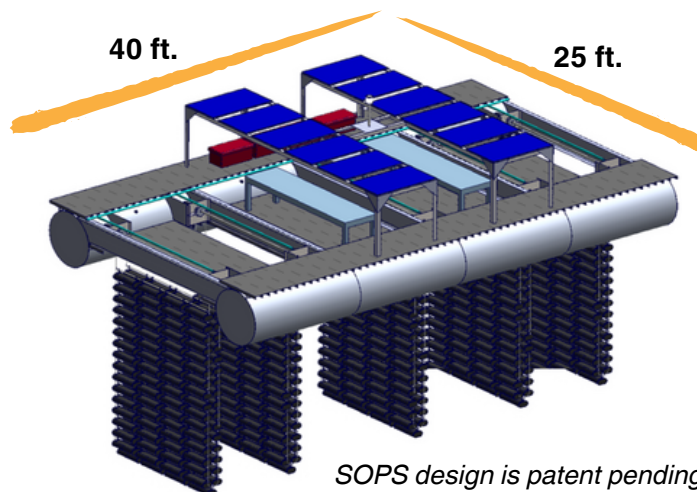
PROPRIETARY INNOVATIONS: OUR SOPS TECHNOLOGY IS CURRENTLY IN THE PATENT PENDING PHASE

PROTOTYPE INFO

40'x25' Aluminum Pontoon Structure

12 374W Solar Panels

5 Rotating Oyster Ladders

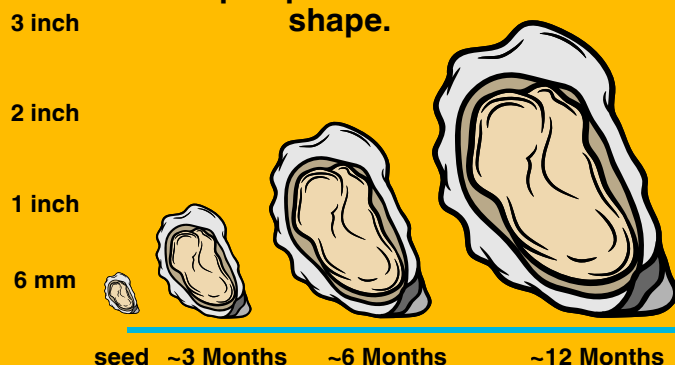


575 Hexcyl Oyster Baskets

20 ft. Water Depth

Pressure Wash Spray System

SOPS produces oysters with high meat-to-shell ratio, deep cups and uniform shape.



Environmental Benefits

- Increased water filtration
- Sequestration of Nitrogen & Phosphorus
- Increase biodiversity
- Improve water quality
- Potential to generate nutrient credits
- Sustainable, clean oyster production

TESTIMONIALS



Tanner Council

Chesapeake Oyster Alliance

"I couldn't be more excited about the incredible work being done at Solar Oysters. This is exactly the kind of game-changing innovation in sustainable aquaculture we need to see more of in the Bay region. Solar Oysters' technology will also help Chesapeake Oyster Alliance reach its goal of adding 10 billion new oysters for the Bay. I'm proud to back a project on its promise to protect the future of the Bay."



Kellie Fiala

Chesapeake Bay Foundation

"New technologies such as SOPS give us the ability to think innovatively and increase oyster production to help us achieve this goal. Over two years, we were able to increase the numbers of oysters grown in Baltimore Harbor by more than 60% by working with Solar Oysters."

Jordan Shockley

Blue Oyster

"We are excited to partner with Solar Oysters to bring this innovative, game-changing technology to the aquaculture market."



MEMBERSHIPS



Chesapeake
OYSTER ALLIANCE
10 Billion for the Bay



PRESS COVERAGE



WEARE**AQUACULTURE**®

aquaculture
magazine Serving the aquaculture industry for 50 years

Chesapeake Bay
MAGAZINE



BRAND STANDARDS

LOGO: Logo not to be used without written approval by Solar Oysters. Solar Oysters is a registered trademark of Solar Oysters LLC



SOLAR OYSTERS® 

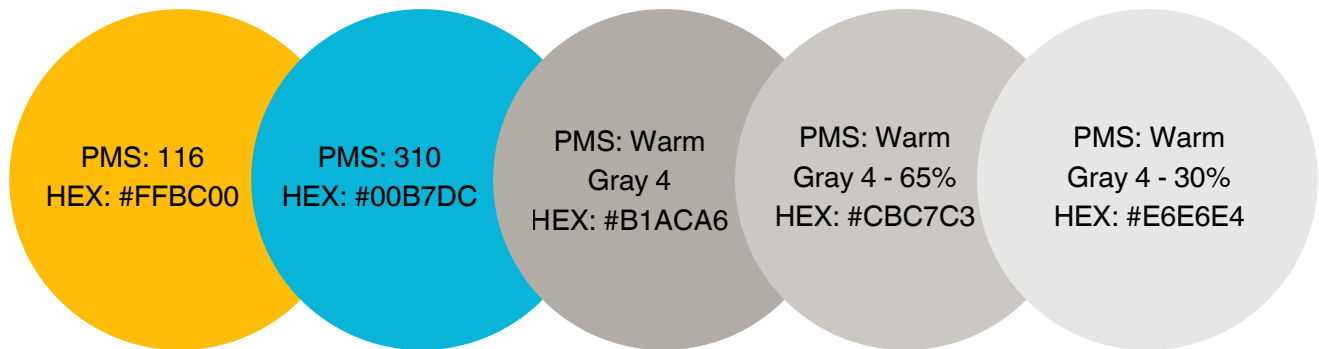
NAME:

Solar Oysters always has an “s” at the end of Oysters and is two words.

Good: Solar Oysters

No good: Solar Oyster, SolarOysters, SolarOyster

COLORS:



DISTRIBUTABLE GRAPHICS & IMAGES:

-  **SOPS Factsheet**
-  **SOPS Info Poster**
-  **SOPS with Labels**
-  **Solar Oysters Gallery**

TAGLINES:

- “A new way to grow oysters”
- “Minimal effort, maximum growth”
- “The future of oyster farming is bright”
- “Smarter aquaculture, powered by the sun”
- “Minimal visual impact, maximum harmony”



CONTACT INFO

Let's talk!

MEDIA CONTACT



Ed Mihalski
240-205-5368 ed@solaroysters.com

BUSINESS CONTACT

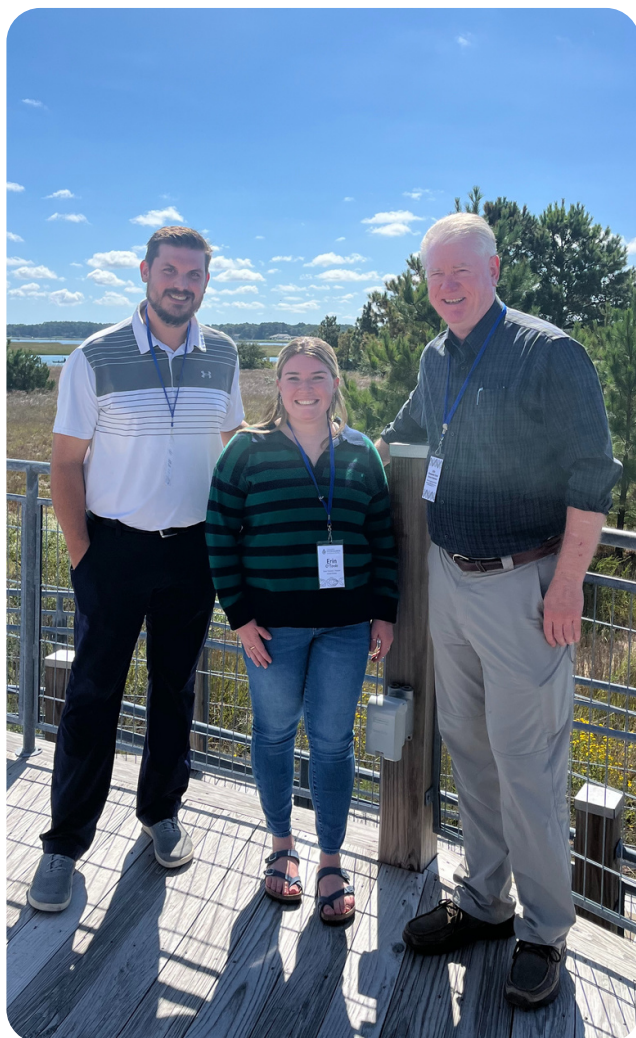


Steve Pattison
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GENERAL INQUIRY



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Jordan Shockley, Erin O'Toole, and Steve Pattison at the 2024 Chesapeake Oyster Science Symposium