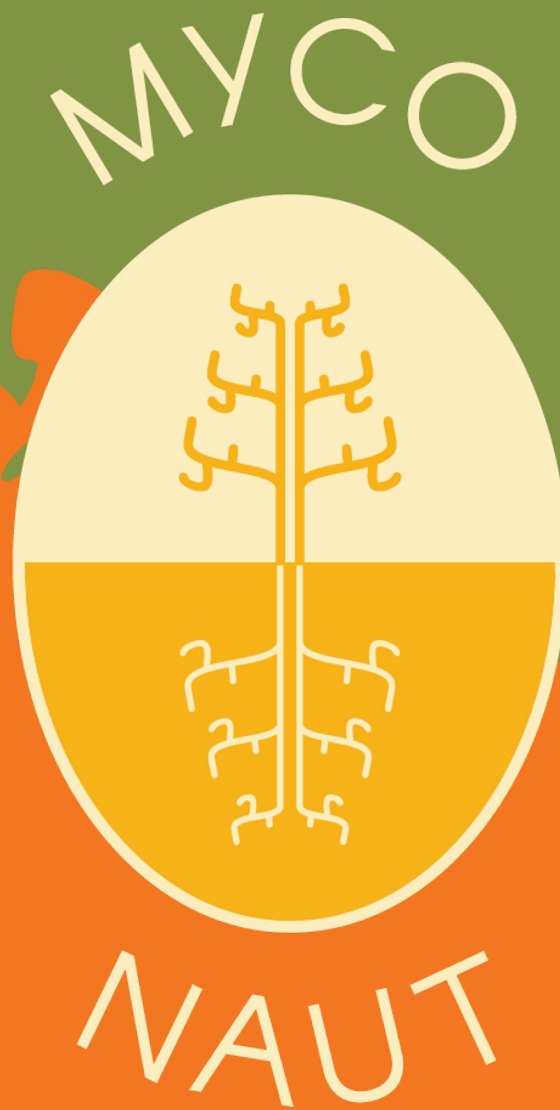
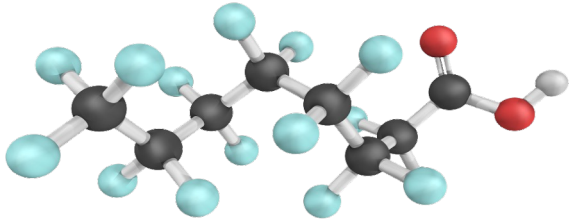


Ryan Iacovacci
Co-Founder
Ryan@myconaut.us



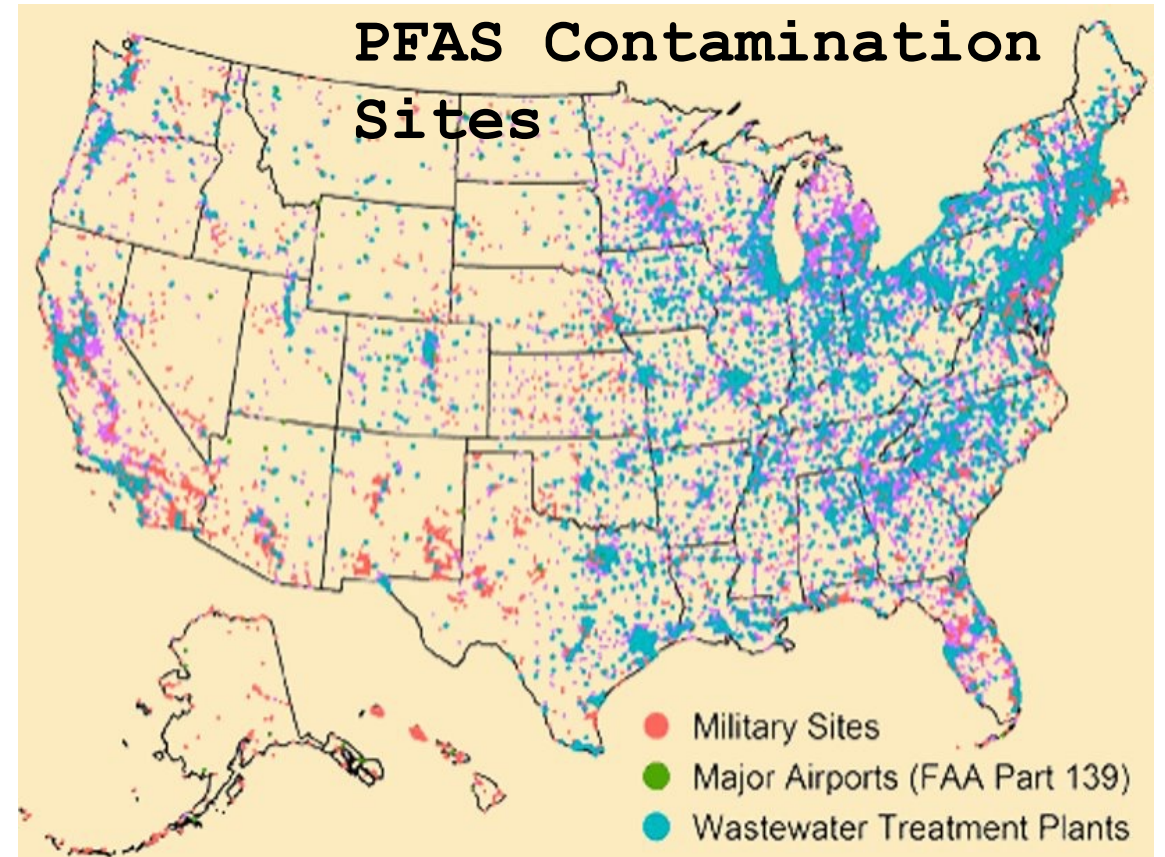


The PFAS Problem

99.7% infiltration

200+ million people

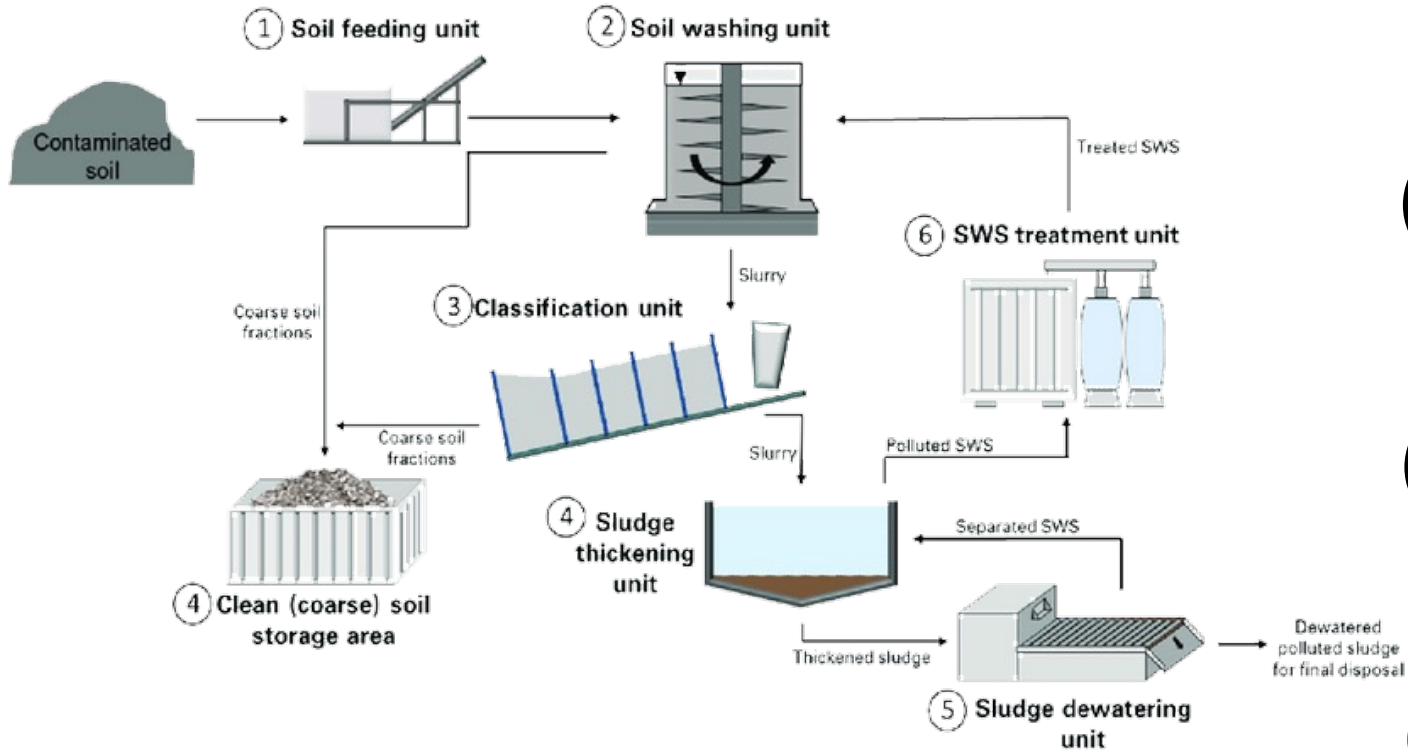
20+ million acres



"When available at the pilot-study stage or commercial application stage, this bio-enhanced remediation product will be highly sought after in the environmental remediation industry"

- Trimedia Environmental Engineering

Current Treatment Problem



1

High Costs

~\$800/ton (1000 tons/acre)
= \$800k per acre to clean

2

Complex Specialized Equipment

3

Ecosystem Disruption

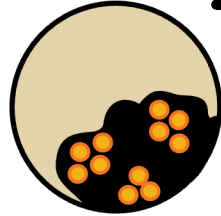
Soil Washing/Incineration

Integrated Biological

Approach

Phytoaccumulation

Degraded PFAS accumulates in aboveground plant biomass

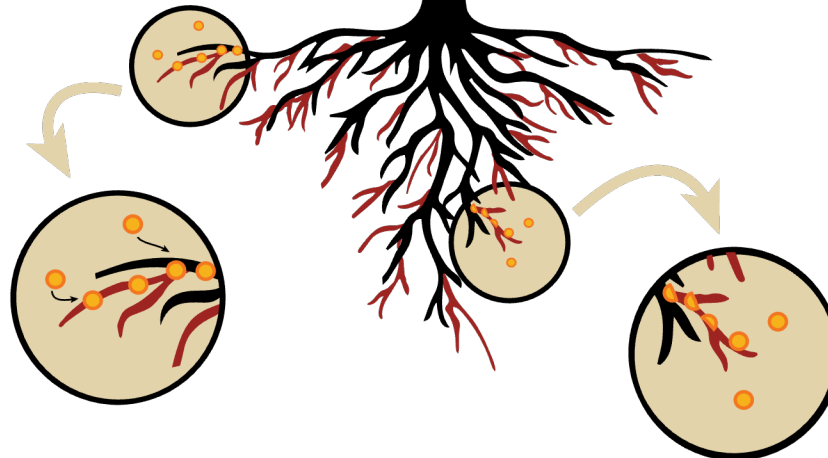


Ecosystem Resilience

Increased stability of forest ecosystems due from nutrient cycling, enhanced plant health, and increased diversity

Phytoextraction

Plant roots and fungi work together to absorb PFAS from the soil



Symbiotic Relationship

Fungi add in nutrient uptake for the trees and receive carbohydrates in return

Carbon Sequestration

Fungi help increase the amount of carbon dioxide that trees can capture and store

Fungal Degradation

Fungi can degrade long-chain PFAS into smaller PFAS that are more easily absorbed by plants

Innovative Solution: Fungi

An Integrated Biological Approach



Cost Effective

<50-100% cost reduction



Environmentally Friendly

Ecosystem restoration + CO2 sequestration



Countless Benefits Downstream

Expand the demonstrations and abilities of
bio/myco remediation



Partnerships

Academic

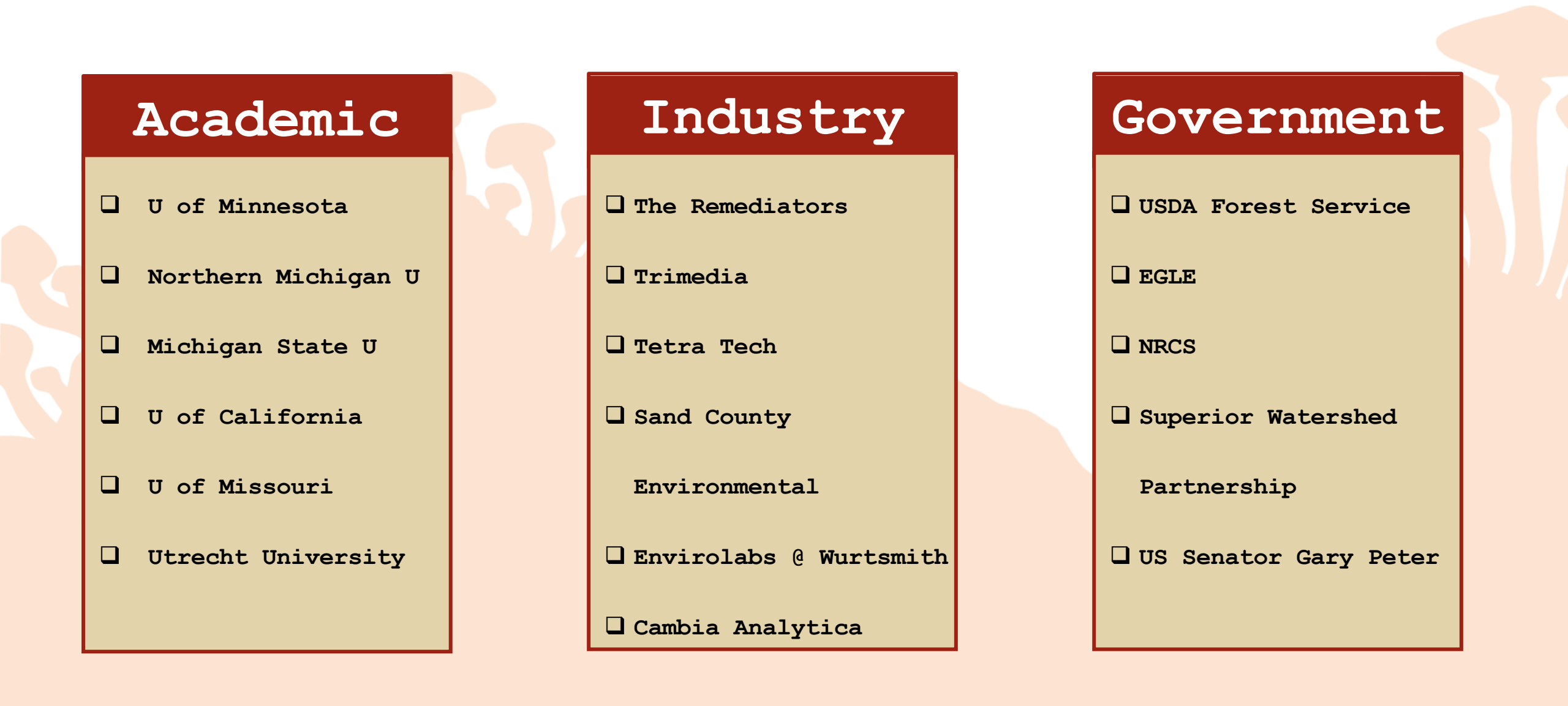
- U of Minnesota
- Northern Michigan U
- Michigan State U
- U of California
- U of Missouri
- Utrecht University

Industry

- The Remediators
- Trimedia
- Tetra Tech
- Sand County
Environmental
- Envirolabs @ Wurtsmith
- Cambia Analytica

Government

- USDA Forest Service
- EGLE
- NRCS
- Superior Watershed
Partnership
- US Senator Gary Peter



Accelerating the Transition to a BioEconomy



Joe Lane
Co-founder
Lab Druid

Field Technician
Product Development
Microbial Specialist

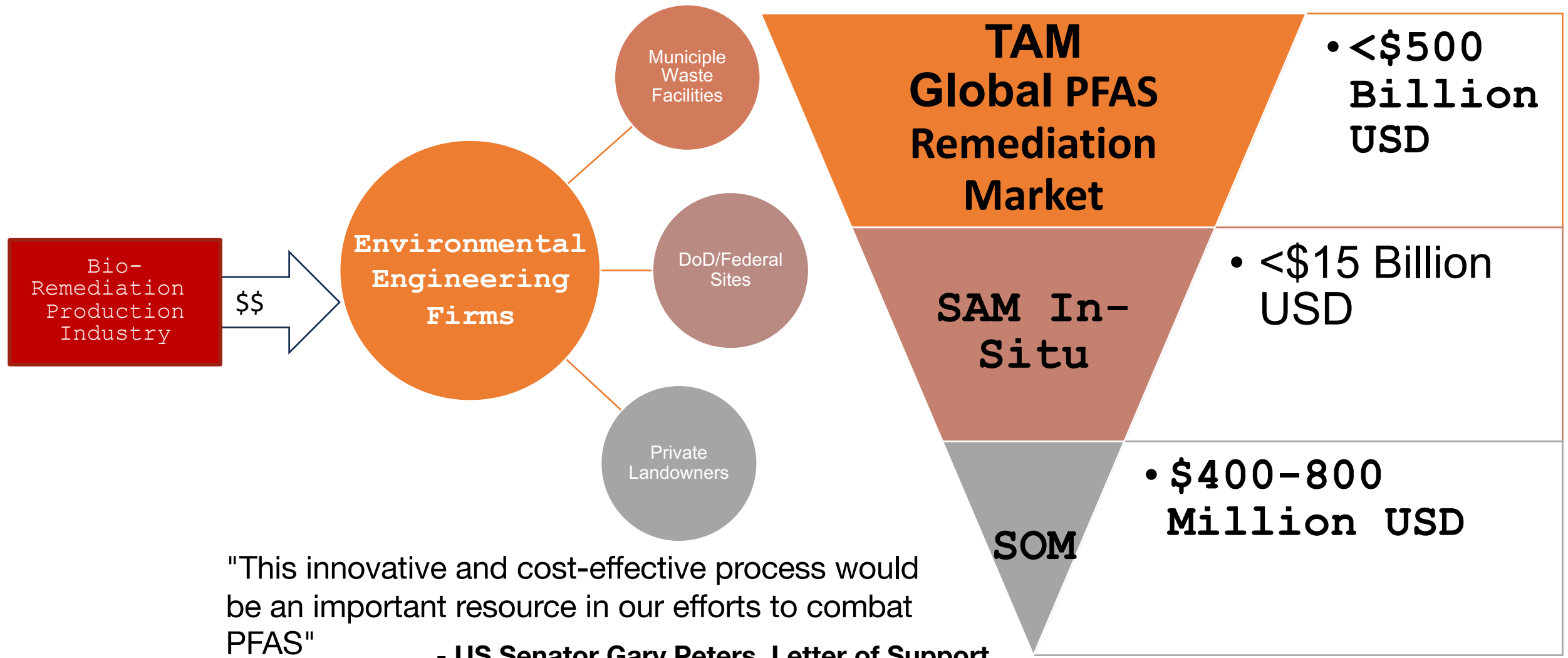
Ryan Iacovacci
Co-founder
Chief Visionary Officer

Business & Supply
Chain Management
Product Development
Sales Lead

Tyler Watson
Research Lead
Analytical Chemist

AI/ML specialist
Lab Safety Certified
Grant Writer

The Market for PFAS Remediation



"This innovative and cost-effective process would be an important resource in our efforts to combat PFAS"

- US Senator Gary Peters Letter of Support



**Environmental
Engineering**



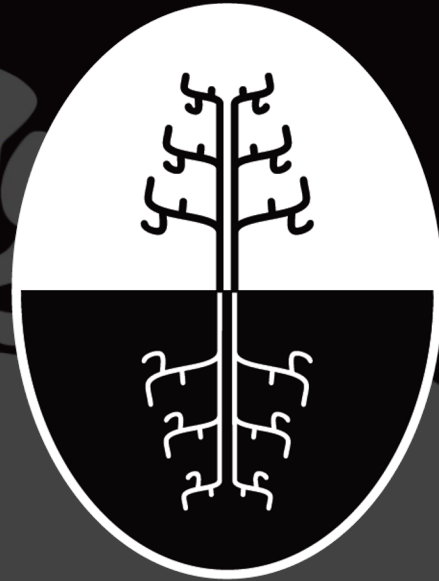
Laboratory



Fungi Cultivation

Thank You

MYCO



NAUT

For more information please visit our website:

www.myconaut.space