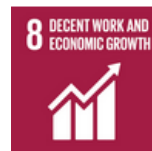




BLUE BARRIERS

Cleaning the Rivers to save the Oceans

July 2020



Our Belief



**The only way to make
environmental protection
projects scalable and
sustainable is to make them
PROFITABLE**

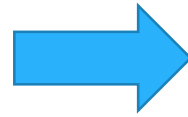
The SEADS BLUE BARRIERS are CERTIFIED by the Solar Impulse Foundation as Environmentally&Socially Beneficial, and Profitable.

Where does Ocean plastic comes from?

- 10M tons of plastic enter our Oceans every year
- 80% comes from rivers, 60% from only 10-20 large rivers



Polluted rivers



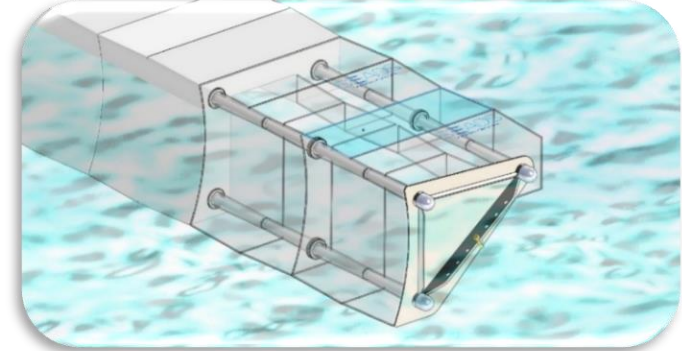
Polluted oceans

Our Solution - The Blue Barriers



- No Impact on River Life nor Boat Navigation
- **100% Collection Effectiveness - 92% in flooding** (tested at University of Florence Hydrodynamic Lab)
- Local production - to optimize costs and generating new local job opportunities

Resilient for resisting to any condition



Modular and adaptable to any river



What happens to the collected waste?

High
Quality
Plastic
(20-30%)



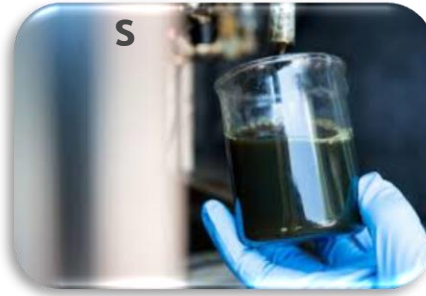
Existing Plastic
Recycling Market



Low
Quality
Plastic
(20-30%)



Pyrolysi
s



NEW PLASTIC

ENERGY



Organic
Waste
(40-50%)



Compost



Wood chips

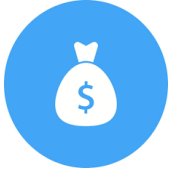


Environment
Reintroduction



Why would a public administration install them?

Profit



We provide a comprehensive System to STOP, SORT & DISPOSE of waste while generating a POSITIVE ROI (>40% over 10 years)

Pollution control

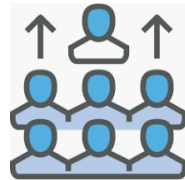


Decrease in Ocean Plastic Pollution



Improve Local waste management

Social impact/local economy



Jobs Creation



Improve conditions for fisheries



High Media Exposure



Increase in tourism

Human health



Reduce Flooding-related risks
(by removing waste from riverbeds)



Protect Human Health
(by preventing plastic to enter the Food Chain)

SEADS Financial KPIs

- Addressable market: \$1-6 B (4,000 rivers*)
- Blue Barriers average price (average river - 150m): \$300K
- Blue Barriers System average cost (average river - 150m): \$1.5M

	2020	@3Y	@5Y	@10Y
installations per year	2 rivers	5 rivers	25 rivers	20 rivers
REVENUES	\$350K	\$1.3M	\$11M	\$15M
Recurrent (Maintenance & Plastic Sales)	\$10K	\$150K	\$2.5M	\$8M
EBITDA	\$100K	\$500K	\$5M	\$10M

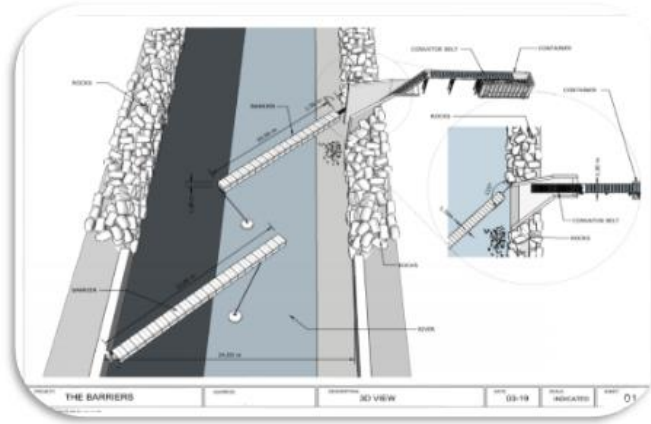
- **Investment needs:** \$400K for financial advisor, and sales&marketing scale up

Incoming installations and active projects

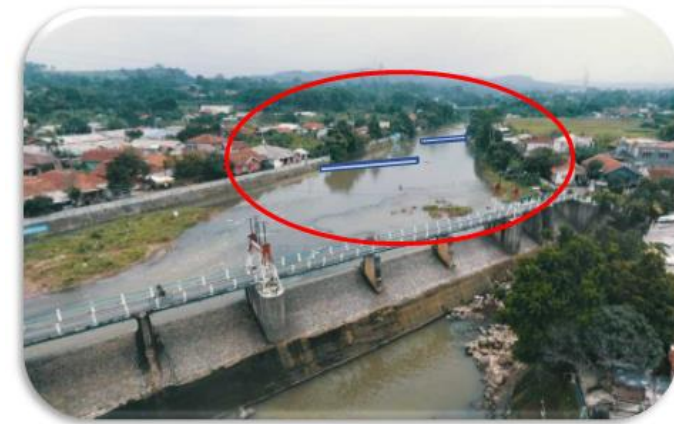
- **2 projects ready for installation.** Currently delayed due to Covid. Target completion: end of 2020
- **LESSONS LEARNED:** Need stronger local grip -> Partners established in key focus areas (Indonesia, China, India, Brazil, Vietnam)

READY FOR INSTALLATION

(Installation authorization in progress)



Sarno river (Naples)



Ciliwung river (Bogor/Jakarta)

WORK IN PROGRESS

Italy

- 5 projects in discussion

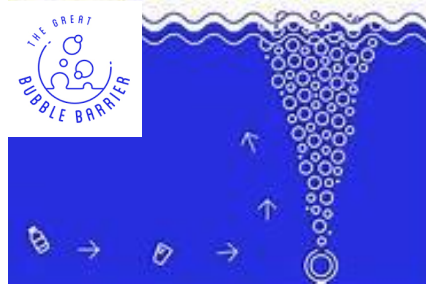
Worldwide

- 7 projects in discussion

Competition Overview

- **USP:** The most effective and affordable solution to River Plastic

EXPENSIVE



HIGH COLLECTION
EFFECTIVENESS

SEADS
Sea Defence Solutions



BLUE BARRIERS

AFFORDABLE



SUPERFICIAL
BARRIERS

LOW COLLECTION
EFFECTIVENESS



BIOFENCES

Team



Fabio Dalmonte - SEADS Co-Founder and Managing Director. Waste management and environmental consultant with more than 10 year experience.



Mauro Nardocci - SEADS Co-Founder and Communication Director. 10+ years experience in FMCG Marketing, Strategy and Leadership.



Dr. Lorenzo Cappietti - SEADS Consultant. Professor at Civil and Environmental Engineering Department, University of Florence



Marco Nannini - SEADS Senior Advisor. CEO of Impact Hub Milano, Senior Advisor of FabriQ.



Prof. Andrew Hursthouse - SEADS Consultant. Vice Dean of University of the West of Scotland.



Dr. Arianna Azzellino - SEADS Consultant. Professor at Environmental Engineering Department, Politecnico di Milano.