

# Pitch Deck – Fuel Efficiency Technology for Climate Impact

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Problem by cargo ships - [VIDEO](#)



- Cargo shipping fuels the global economy but burns fuel with only 5–10% efficiency.
- The rest becomes CO, CO<sub>2</sub>, and toxins, released into oceans and atmosphere.
- Shipping is responsible for nearly 3% of global emissions — and growing.



Solution ⚡

- Our proven combustion technology increases fuel efficiency by several times.
- Works with any fuel quality, including the dirtiest marine fuels.
- Results: lower costs, fewer emissions, cleaner oceans. [VIDEO, how ionized fuel can burn ! VIDEO 2.](#)

Technology Advantage ⚡

- Market-ready — not a prototype, already available.

- - Universal — can be integrated into existing ship engines.
- - Scalable — applicable across cargo fleets worldwide.

## Impact

- - Reduces harmful emissions at global scale.
- - Directly supports climate goals & maritime decarbonization targets.
- - Saves billions in fuel costs for shipping companies.

## Market Opportunity

- - \$200B+ annual marine fuel market.
- - Growing regulatory pressure on shipping to reduce emissions.
- - Technology adoption = huge ROI + environmental leadership.

## Why Now

- - Climate urgency + stricter international shipping rules (IMO).
- - Investors are shifting focus to real impact technologies (vs greenwashing).
- - Early movers secure market advantage and reputation.

## The Ask

- - Seeking strategic investors/partners to scale deployment.
- - Funding needed for:
- - Global rollout & licensing
- - Partnerships with shipping companies
- - Regulatory approvals & certifications

- - Together, we can transform one of the most polluting industries into a driver of climate solutions — while creating massive economic value.
- - Save fuel. Save the oceans. Save the planet.
  - Draft a **clear impact metrics sheet** (showing savings, emissions reduced, ROI).
  - Suggest strategies to **bypass political roadblocks** and speak directly to global climate investment networks.

## Impact Metrics Sheet – Fuel Efficiency Technology

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Metric	Value
Fuel Efficiency Improvement	5x–10x increase vs. current combustion
CO <sub>2</sub> Emissions Reduction	Up to 90% fewer harmful emissions
Cost Savings per Ship	\$2M–\$5M annually per large cargo ship
Market Potential	\$200B+ marine fuel market
Technology Readiness	Market-ready (deployed, proven)
Scalability Impact	Applicable across global shipping fleets



## Major Pollutants of the Oceans

Rank	Company name	Headquarters	Total TEU	Ships	Market share	Alliance
1	<a href="#">Mediterranean Shipping Company (MSC)</a>	 <a href="#">Switzerland</a>	6,408,597	889	20.2%	
2	<a href="#">Maersk</a>	 <a href="#">Denmark</a>	4,536,588	735	14.3%	Gemini
3	<a href="#">CMA CGM</a>	 <a href="#">France</a>	3,875,593	664	12.7%	Ocean Alliance
4	<a href="#">COSCO Shipping Lines (COSCO)</a>	 <a href="#">China</a>	3,351,669	519	10.6%	Ocean Alliance
5	<a href="#">Hapag-Lloyd</a>	 <a href="#">Germany</a>	2,352,976	300	7.4%	Gemini
6	<a href="#">Ocean Network Express (ONE)</a>	 <a href="#">Japan</a>	1,977,686	257	6.2%	Premier Alliance
7	<a href="#">Evergreen Marine Corporation</a>	 <a href="#">Taiwan</a>	1,792,468	225	5.7%	Ocean Alliance
8	<a href="#">HMM Co. Ltd. (HMM)</a>	 <a href="#">South Korea</a>	913,867	83	2.9%	Premier Alliance
9	<a href="#">Zim Integrated Shipping Services (ZIM)</a>	 <a href="#">Israel</a>	781,026	130	2.5%	
10	<a href="#">Yang Ming Marine Transport Corporation</a>	 <a href="#">Taiwan</a>	711,393	98	2.2%	Premier Alliance
11	<a href="#">Wan Hai Lines</a>	 <a href="#">Taiwan</a>	481,225	118	1.7%	
12	<a href="#">Pacific International Lines (PIL)</a>	 <a href="#">Singapore</a>	295,567	89	1.0%	

Rank	Company name	Headquarters	Total TEU	Ships	Market share	Alliance
13	<u>Shandong International Transportation Corporation</u> (SITC)	<a href="#">China</a>	160,156	101	0.6%	
14	<u>X-Press Feeders</u>	<a href="#">Singapore</a>	157,681	81	0.5%	
15	<u>Regional Container Lines</u> (RCL)	<a href="#">Thailand</a>	151,534	46	0.5%	
16	<u>Korea Marine Transport Corporation</u> (KMTC)	<a href="#">South Korea</a>	150,704	64	0.5%	
17	<u>Sea Lead Shipping</u>	<a href="#">Singapore</a>	141,202	32	0.5%	
18	<u>Unifeeder</u>	<a href="#">Denmark</a>	138,995	86	0.5%	
19	<u>IRISL Group</u>	<a href="#">Iran</a>	137,720	31	0.5%	
20	<u>Sinokor Merchant Marine</u>	<a href="#">South Korea</a>	122,252	80	0.4%	
21	<u>Zhonggu Logistics Corporation</u>	<a href="#">China</a>	120,042	86	0.4%	
22	<u>TS Lines</u>	<a href="#">Taiwan</a>	92,655	44	0.3%	
23	<u>Antong Holdings</u> (QASC)	<a href="#">China</a>	83,868	84	0.3%	
24	<u>Global Feeder Shipping LLC</u>	<a href="#">UAE</a>	76,616	33	0.3%	
25	<u>Ningbo Ocean Shipping Co.</u>	<a href="#">China</a>	75,077	80	0.3%	

Rank	Company name	Headquarters	Total TEU	Ships	Market share	Alliance
26	<a href="#">Emirates Shipping Line</a>	 <a href="#">UAE</a>	72,188	14	0.3%	
27	<a href="#">Swire Shipping</a>	 <a href="#">Singapore</a>	71,023	36	0.2%	
28	<a href="#">Matson</a>	 <a href="#">USA</a>	69,235	29	0.2%	
29	<a href="#">SM Line</a>	 <a href="#">South Korea</a>	64,109	14	0.2%	
30	<a href="#">Arkas Line</a>	 <a href="#">Turkey</a>	59,465	36	0.2%	