



## Real-Time Emissions Intelligence Layer

**We help shipping companies cut fuel costs and emissions by up to 8% and prove compliance with live exhaust measurements.**



**Ranked #2 Clean-tech Startup in Finland**



Aalto Startup Center  
Ecosystem

APELAGO  
Initiative



Pending  
Patent



Ranked #2 Clean-tech  
And #4 Climate-tech

Port-XL Port of  
Rotterdam

# Shipping still relies on manual estimations

## Resulting into wasting fuel and generating needless emissions



### Partial Compliance

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Complex, manual  
& delayed

€22B+

### Annually

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Unrealized annual  
Optimization



### Verification

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10-15%  
uncertainty rate

## Real-time emissions intelligence by **Hardware + SaaS**

Turning live emissions into **compliance**, enhanced **optimization**, and trusted **verification**.



### Full Compliant

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Multi-gas &  
Automated



### Optimization

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Up to **40%** enhanced  
Cost saving



### Audit-ready

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1-3% uncertainty  
Instant verification

**Over the next decade, trusted emissions data will become as valuable as fuel itself.**

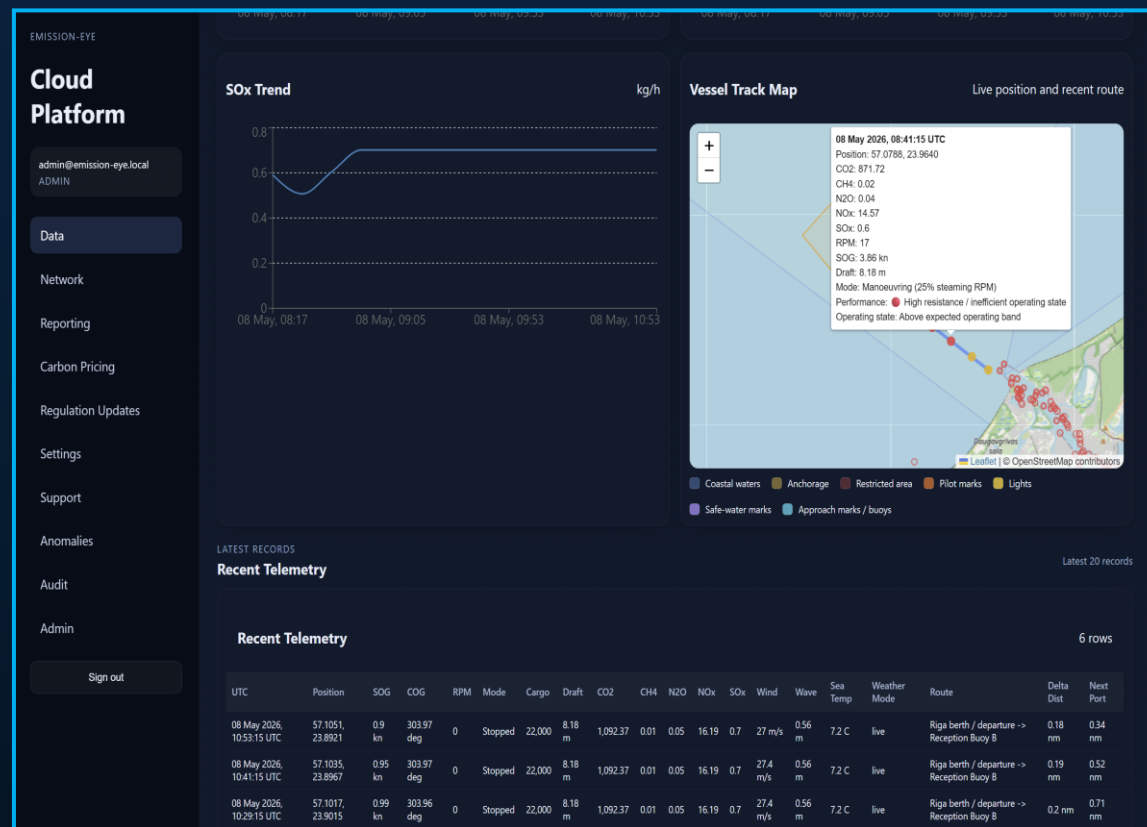
# Built for immutability & accuracy

## Instant operational and financial impact

MVP Node



MVP Gateway



Sensor



Edge Node



Gateway



Cloud



AI Engine



Blockchain



Dashboard

## Measurable operational impact for blue economy and the planet.

You can't **optimize** what you can't truly **measure**.



**Up to 70M+ tons**

Potential reduced  
emissions at scale



**1200-2000 tons**

Unlocked extra  
fuel savings



**€0.6M-€2.5M**

total annual cost  
saving per vessel

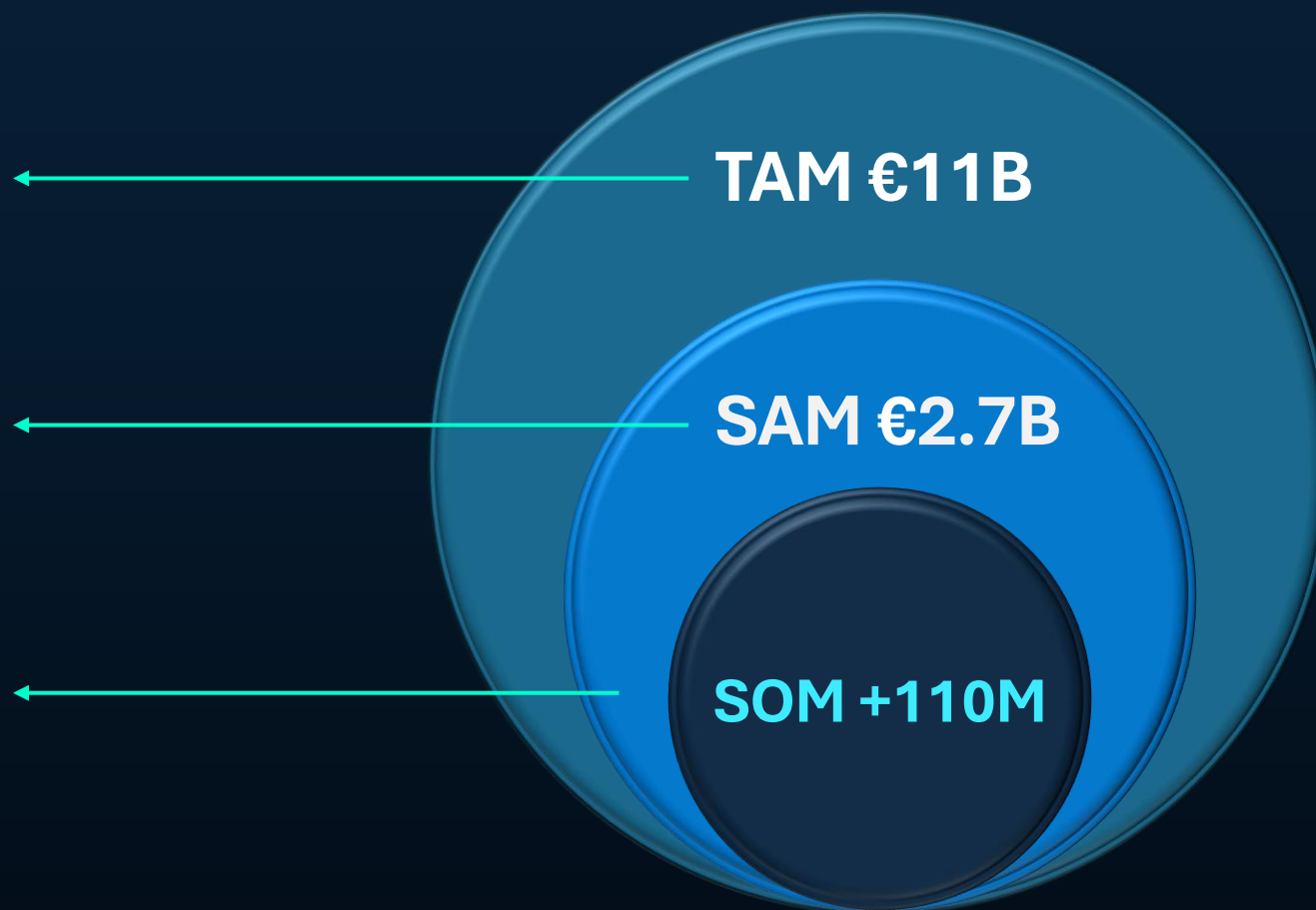
## Expanding emissions compliance market

### regulation-driven markets scale fast

Emission-data SaaS  
CGAR : 18%

Maritime Emission SaaS  
CGAR : 10.2%

3300 ships in 7 years  
Or 4% of SAM



# From 5 Pilots to 3,300 Ships

One-time hardware sale + recurring SaaS per vessel



2033 Target = 110 customers x 30 Ships



Combining **13 years** of maritime experience with **decades** of ML/AI and industrial systems expertise



**Aras Mosafaei**

CEO & Co-founder

13 years at sea  
Former Marine Chief Officer



Maritime Native  
Founder



**Dr. Roger Hult**

CTO & Co-founder

PhD in machine learning  
20+ years in industry



Karolinska  
Institutet



**Mathias Södermark**

CPO & Co-founder

BSc in Computer Science  
10+ years in development



ALTEN



Avalanche  
Studios

# Early Stage LOIs & Validations

**Why Greece?** #1 Ship Owning Nation with 19.1% of global tonnage capacity

## Ecosystems



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**A'PELAGO**

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**Rotterdam PortXL**

## Letters of Intent

**Shipping Company**  
Owns 47 Tankers & Bulkers

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**ETS Operator**  
(Greece)

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**Green Tech. Provider**  
(Greece)

## Rankings



**#2 Clean-Tech**  
Startup in Finland

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**#4 Climate-Tech**  
Startup in Finland

# Built for full compliance & enhanced optimization

## Others report emissions. We help you reduce them.

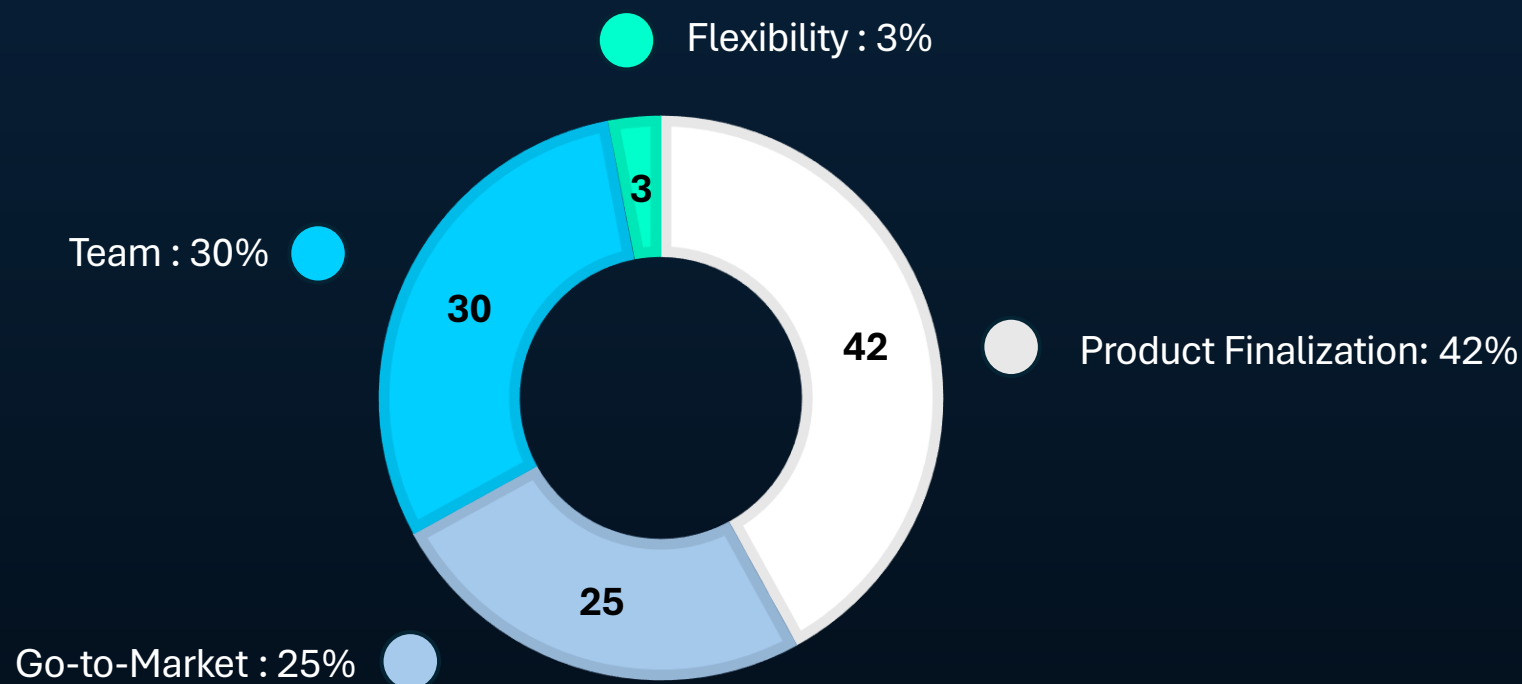
**The only Patented Solution** that solves both sides of the decarbonization:  
Compliance Tool + Incentives

| Feature                         | Emission-Eye | Fuel-based MRV<br>(DNV / NAPA) | O/B sensor tools<br>(Wärtsilä) | Generic ESG<br>(Ceto.ai / Cozero) |
|---------------------------------|--------------|--------------------------------|--------------------------------|-----------------------------------|
| Direct Measuring                | ✓            | ✗                              | Partially                      | ✗                                 |
| Multi-Gas                       | ✓            | ✗                              | ✗                              | ✗                                 |
| Up to 40% Enhanced Optimization | ✓            | ✗                              | ✗                              | ✗                                 |
| Verifier-Ready Audit            | ✓            | Partially                      | ✗                              | ✗                                 |
| Unlocks Fleet Smart Management  | ✓            | ✗                              | ✗                              | ✗                                 |

# Raising €500K in pre-seed round **for 18% of our equity**

20 months runway to achieve:

**5 paid pilots + Finalize commercial product + Obtain key certifications**



Raising before the next wave of emission regulations accelerate demand.

## From product completion to commercial launch & Scale-up



Direct Measurement • Audit-Ready Compliance • Additional 3-8% Cost Reduction

# This infrastructure is too important to build alone

## Seeking investors and strategic partners



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