



# STATISTICS 2 MILLON 10 MILLION FISHES ARE KILLED TONS OF GARBAGE ARE ILLEGALY EVERY THROWN INTO THE SEA MINUTE **EVERY YEAR**

# **DESCRIPTION** The technological product we propose is a buoy constructed from recyclable materials and equipped with integrated sensors for hydrophones, a camera, and GPS. The product detects illegal fishing and monitors water quality, automatically sending emails to the relevant authorities to inform them through the Seansor application. This immediate notification helps in responding to and intervening in cases of violations in fish farming areas and protected Natura areas.





More about our technology...



#### **SET OF HYDROPHONES**

Record and classify sounds that different engines make underwater, thus we identify the boat type to decide the level of risk



### TARGET TRIANGULATION & CAMERA

The technique of target triangulation will be used for the precise localization and tracking of the target



#### **GPS**

Alert authorities with position of activity



In the water, sound travels VERY fast, VERY far. You could hear a boat even before you see it.





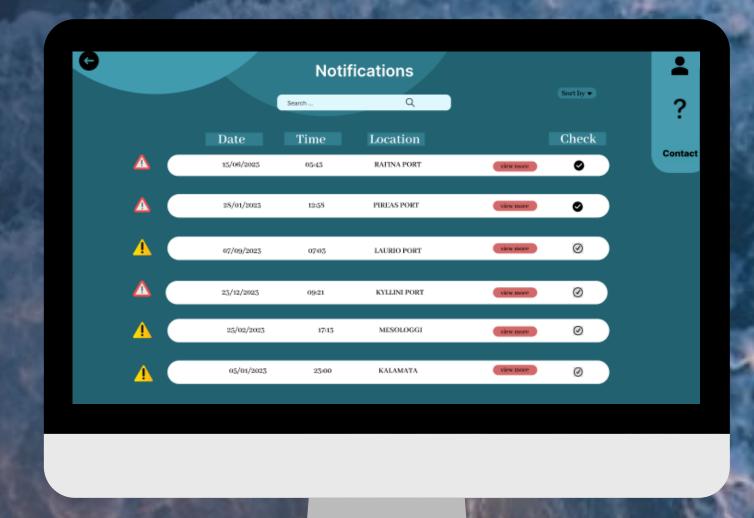
Once the buoy is deployed in a targeted area and we have set up an "alarm" mode, SEaNSOR starts listening to sounds that are suspicious.

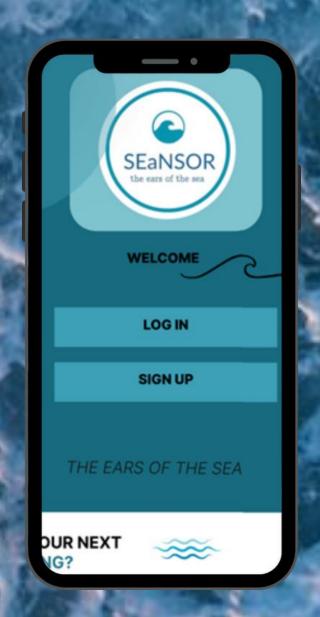


### **OUR APP**

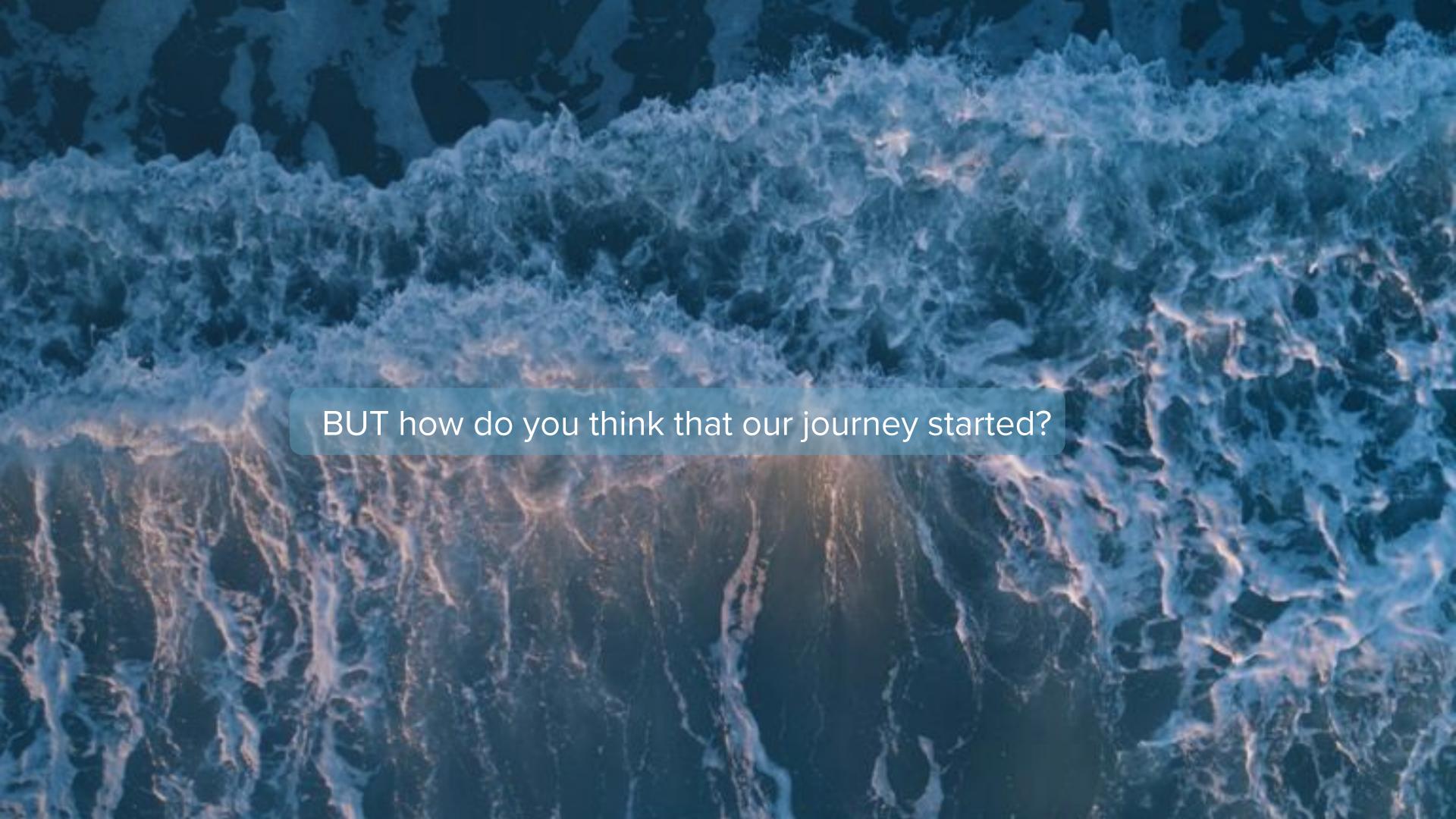


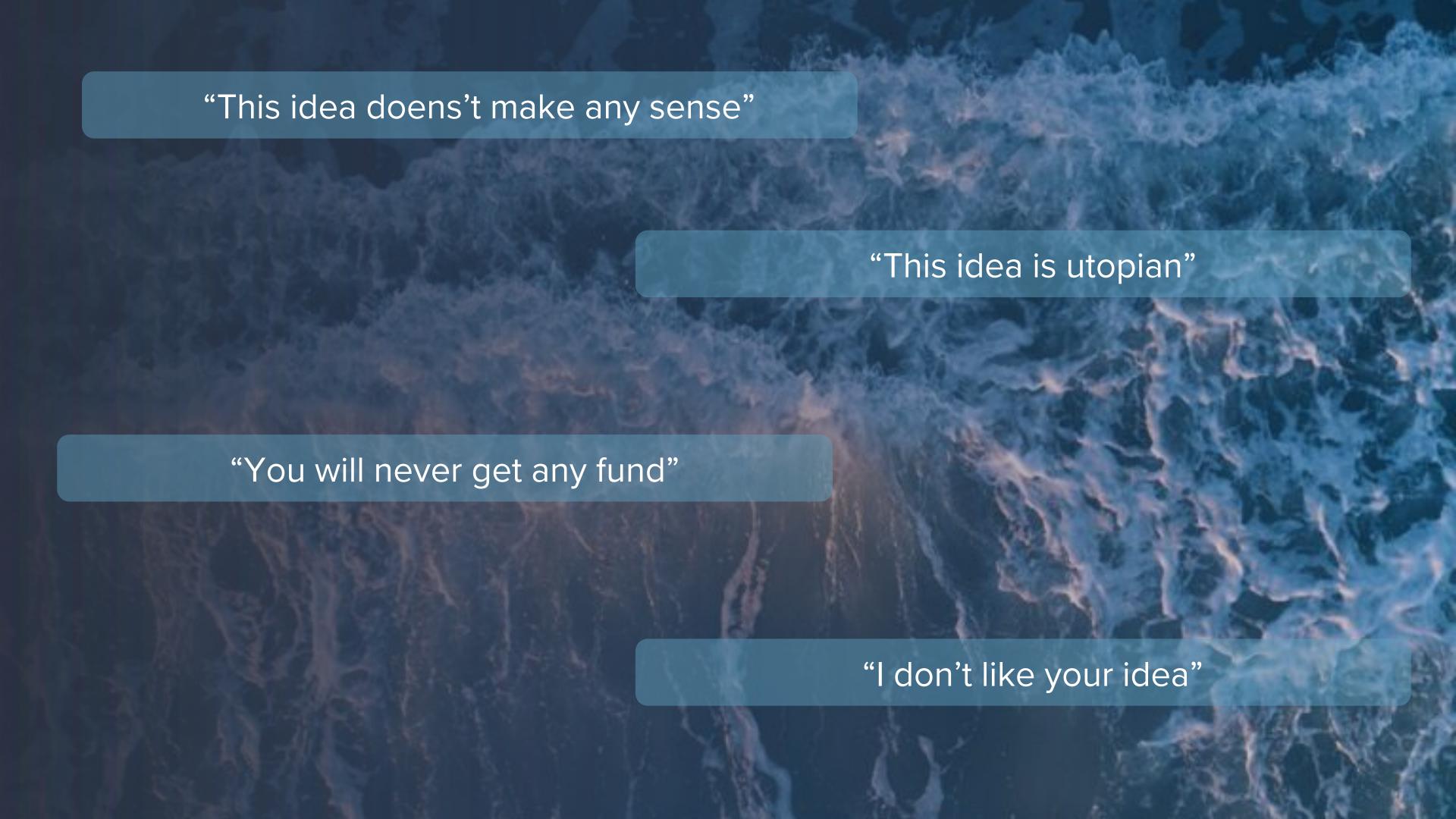






Notifications to the user for suspicious movements, info about exact time, place and type of danger









### **VALIDATION**



**Hubert Gambs** 

European Commission/ Deputy

Director-General & SME Coordinator

DG GROW



Salvatore D'Acunto

European Commission/ DG GROW, Head of Unit



#### **Thomasine Kamerling**

Huhtamaki, Executive Vice President,

Sustainability and Communications



**Thibaut L'Ortye** 

AmCham EU, Director of Public Affairs



**European** Parliament fights

against overfishing



Jérôme Pero

FESI, Secretary General



2023 April

SEaNSOR's timeline





2023 May

SEaNSOR's timeline













ATHENS CENTER FOR ENTREPRENEURSHIP AND INNOVATION

## October 2023











