

An aerial photograph of the Amsterdam harbor at dusk. In the foreground, several blue and white ferries (Roboats) are moving across the water, leaving white wakes. The ferries are highlighted by semi-transparent circular overlays. In the background, the city of Amsterdam is visible, with its dense urban landscape and the large, modern glass-roofed train station (Amsterdam Centraal) prominently featured. The sky is a mix of orange and blue, indicating sunset or sunrise.

# ROBOAT

The future is on the water

Ynse Deinema  
CEO Roboat







An aerial photograph of New York City at sunset. The Hudson River is on the left, and the city's dense grid of buildings extends towards the right. The sky is a mix of orange, yellow, and blue.An aerial photograph of New York City at sunset, showing a different section of the city. The Hudson River is on the left, and the city's dense grid of buildings extends towards the right. The sky is a mix of orange, yellow, and blue.An aerial photograph of New York City at sunset, showing a different section of the city. The Hudson River is on the left, and the city's dense grid of buildings extends towards the right. The sky is a mix of orange, yellow, and blue.

# OVERFLOWING CITIES, UNUSED WATERWAYS





Massachusetts  
Institute of  
Technology



WATERTAXI



WASTE  
COLLECTOR









# FERRY OF THE FUTURE

## Readymade ferry

### SPECIFICATIONS

Size: 3.9 x 9.5 meters

Passenger capacity: 35

Top speed: 11.1 km/h - 6 Knots

Battery capacity: 30 Kwh

Charging power: 3Kw

Weight: 12 tons

Full electric

ES-TRIN approval pending

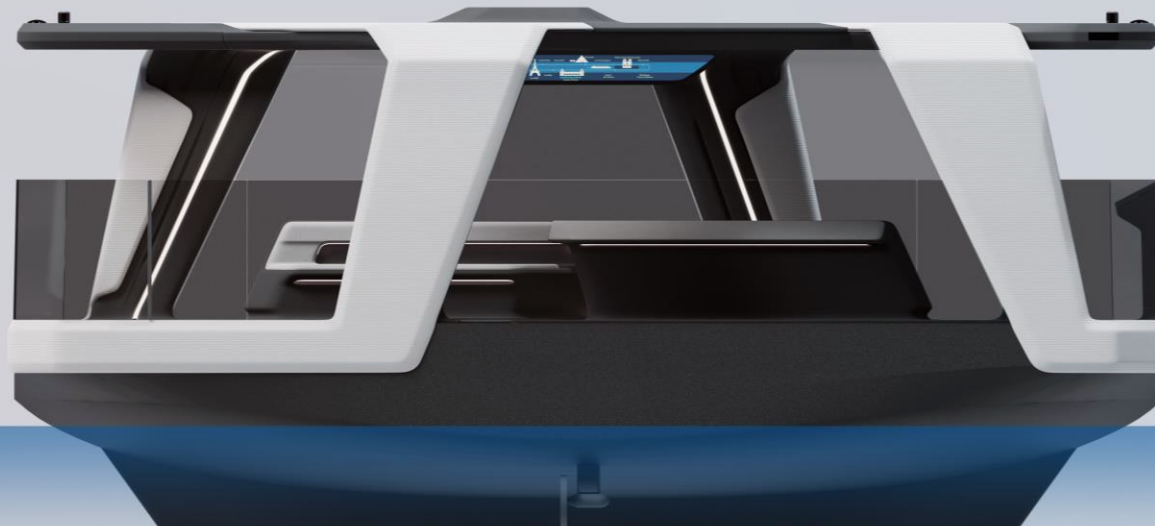
3D printed with recycled plastics

### AUTONOMY

Equipped with Roboat System

Level 3-4 autonomy

Automatic mooring & charging





ROBOAT









any boat

+



=



**ROBOAT**





detection



Data processing



control







## Data processing

Internal data:

GPS

AIS

Engine

Fuel

Controls



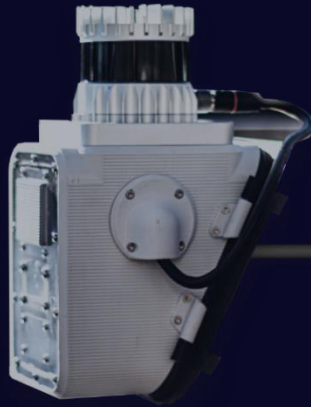




detection



Data processing



Internal data:

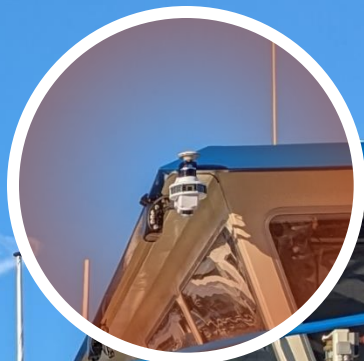
GPS  
AIS  
Engine  
Fuel  
Controls

+

External data:

Camera  
Lidar





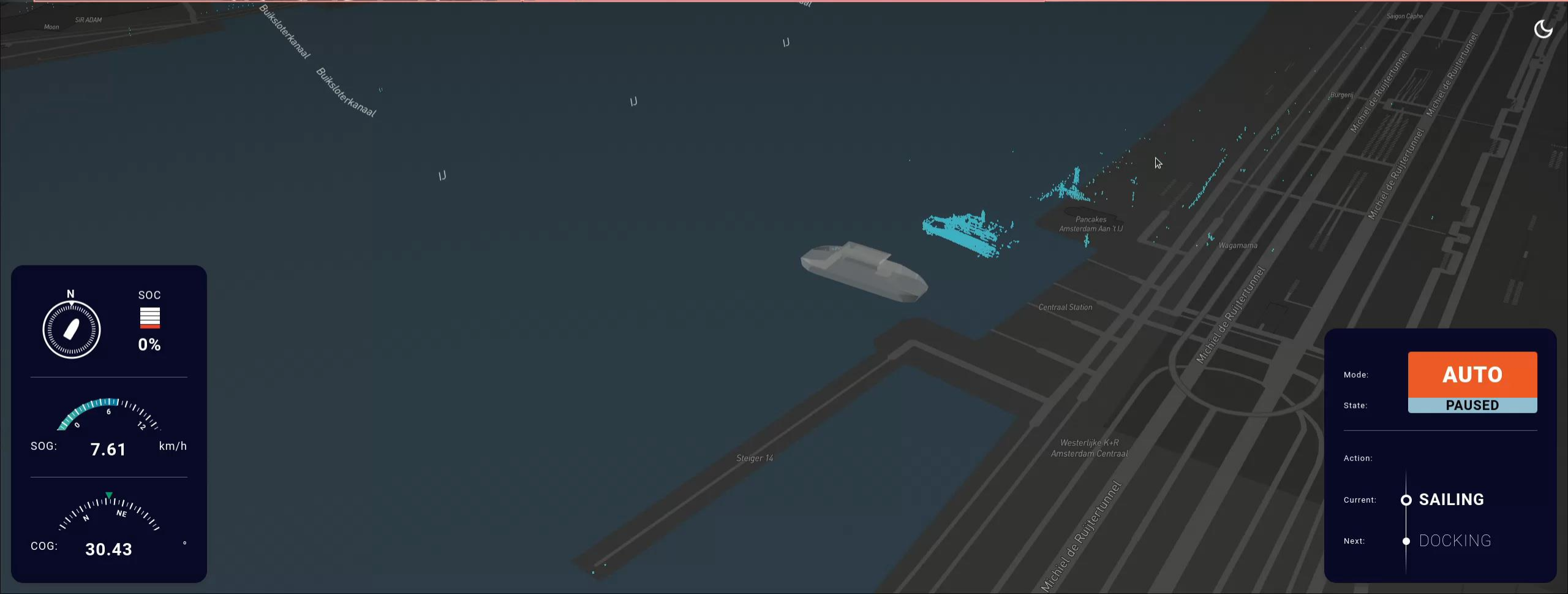




**ROBOAT**



Fleet management



SOC  
0%

SOG: 7.61 km/h

COG: 30.43

Mode:

AUTO

State:

PAUSED

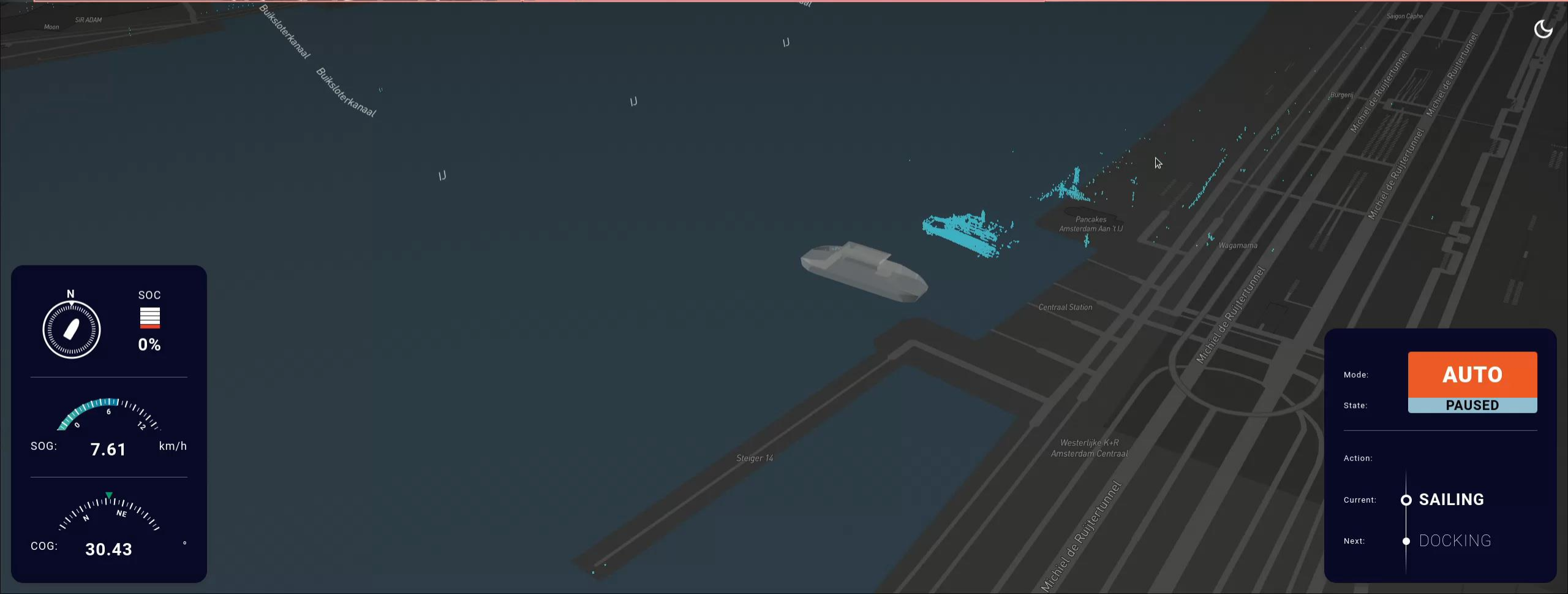
Action:

Current: SAILING

Next: DOCKING



Fleet management



SOC  
0%

SOG: 7.61 km/h

COG: 30.43

Mode:

AUTO

State:

PAUSED

Action:

Current: SAILING

Next: DOCKING



Fleet management



SOC  
0%

SOG: 13.29 km/h

COG: 1.42

Mode: **AUTO**

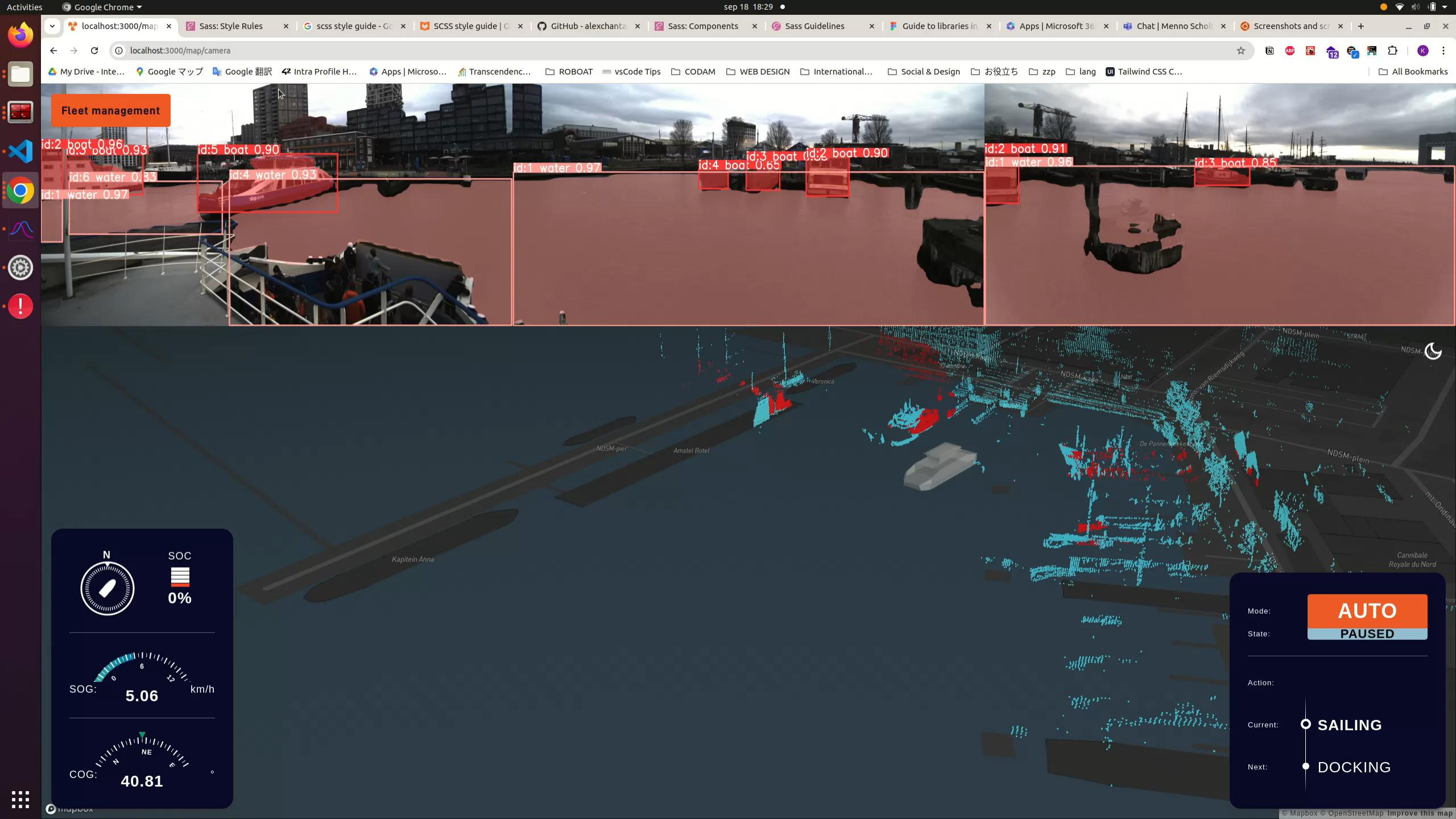
State: **PAUSED**

Action:

Current: **SAILING**

Next: **DOCKING**







**Unlock the full potential of inland waterways  
with automation**

**ROBOAT**