

## IRRESISTIBLE BOATING

### **COPORATE & SALES PRESENTATION**

By Per Arne Fagervoll Meek



### INAEXPLORER'S HEART:

"The sea, once it casts its spell, holds one in its net of wonder forever."

Jean Yves Cousteau

## PRESENTATION HIGHLIGHTS

**About Us**Product Strategy



# ABOUT US

### IRRESISTIBLE BOATING







#### **PIONEERING**

Evoy leads the way into uncharted waters, discovering and exploring, attentively navigating around obstacles, to open new routes for an irresistible boating experience. Being pioneering is demanding, but also extremely rewarding to those involved and those who follow in the wake.

### **POWERFUL**

To accelerate the green shift at sea, we need solutions that take big steps forward. We are driven by the will to do good that lives inside all of us. We shape solutions that are powerful enough to make change happen - and proceed full throttle!

### **RESPONSIVE**

We intend to change an entire industry. The boat market is changing rapidly, and we need to be responsive to succeed and ready to alter course frequently. Fitting into common plans with the marketplace.

### **GENUINE**

We believe in making a real impact, by eliminating fossil fuel at sea. To make real changes, we also must be genuine - by being honest, fact based and transparent.



# MEET OUR TEAM LEADERS



Leif A stratvostand Co-founder & CEO



Per Arne Meek CCO



Terrance Blanchard COO



### BOARD OF DIRECTORS



Alf-Helge Aarskog
COB



Anne-Mari Sunndal Bøe CFO, Fjord 1



Jenny Carenco CEO, Prosper Social Impact, Sweden



Roger Flølo Partner, Fjord Invest



Knud Lorentzen
Independent Lawyer

Evoy take pride in bringing onboard the best possible helpers and advisors at any time. So is also the case with the agile and professional board, where their diverse and combined expertise is sure to put Evoy on the course to a bright future for all the stakeholders involved.



### ADVISORS



**Silje Vallestad**Future Talks, Founder



Trond Riiber Knudsen
TRK Group, Founder &
CEO



**Johan Brand** Kahoot, Co-founder



Eric Wahlforss

Dance, Founder & CEO



Knut Heiberg Andersen Windy Boats, Executive Chairman

Evoy has attracted extraordinary individuals to the Advisory Board to guide strategic direction, create industrial ties and accelerate the financial sustainable growth.



# TECHNOLOGY LEADER







**CLEANER** 

CONNECTED

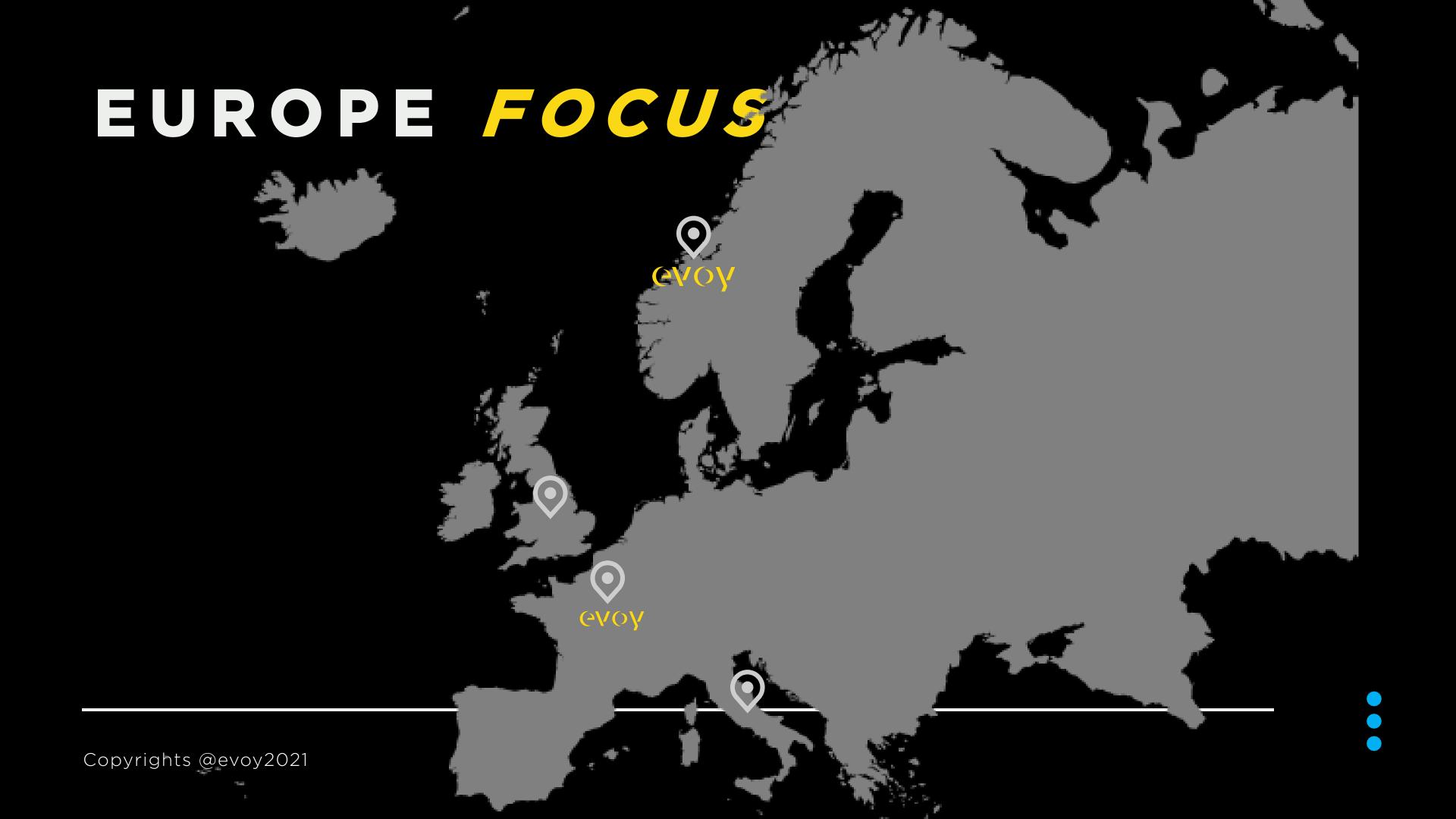
**POWERFUL** 

Reduce your CO2 emissions, reduce the noize at sea.

Open OTA and remote software updates

50 knots, up to 150km, and soon to be faster!





# MARKET RECOGNITION

### **MULTIREWARDED**



2019

Best Hardware & Best New comer



2019 & 2021

Investment of 4,4 M Euros and additionnal 2M in 2021



Prisen for grønn teknologi

2019

Winner



Climate-KIC

Climate-KIC is supported by the

EIT, a body of the European Union

2019

Stage 1 & 2



2019

Winner

### **WHAT THEY SAY**



« Tesla for Seas »



« World fastest Electric Boat »



« Giant Impact

Compagny»

# \$12.3 Billions

By 2027 Market worth Electrical Boating solutions

90% less co2

Less CO2 emissions and 99% less noise pollution

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Sources « Blue economy report 2020 2020 06 blueeconomy-2020-ld final.pdf (europa.eu)

### MORE THAN A VISON A MISSION

### EXPLORING WHILE BEEING AWARE

- Maritime transport is the 3rd source of pollution of these ecosystems, via fuel combustion, waste release and noise emission,
- Hydrocarbon releases and other substances
- Oily and bilge water: unburnt or incompletely burnt fuel, particulates and traces of oil are released into the environment. If, globally, the quantity of these pollutants is small, they might accumulate locally, especially when boats are stationary, which results in an oil film on the surrounding water.
- Noise disturbance: in accordance with standards, the authorized level of noise emitted by new engines has been limited since 2006. However, when operated at speed close to the shore, engine noise is perceived as a nuisance in sensitive areas such as beaches or natural protected areas.
- Depletion in fish stocks: the authors note that compared to overexploitation and illegal, unregulated and unreported commercial fishing, recreational fishing activities have no significant impact on fish stocks.



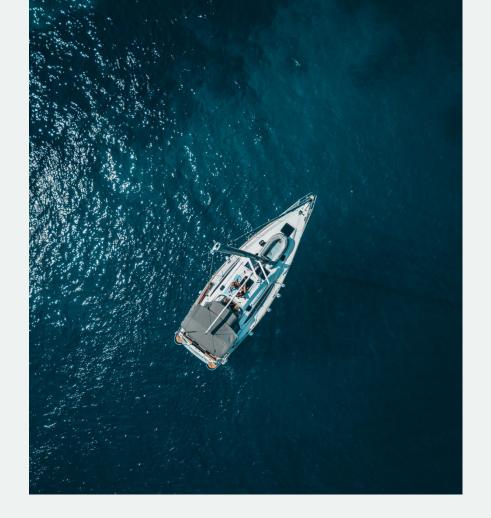


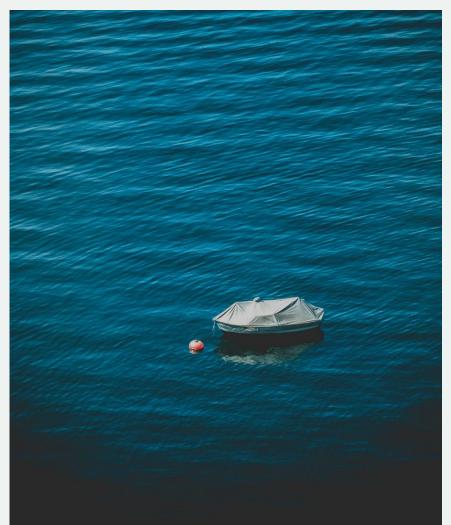


# Our REVOLUTION

### EXPLORING AND FEEL RESPONSIBLE

- 1 system from Evoy typically cuts 50 tons CO<sub>2</sub> annually,
- No Noise pullution
- No oil loss
- Zero-emission performance
- Reduced maintenance costs
- Low-noise & High safety







# EVOY REVOLUTION

### **OUR COMPETITION**

- Low speed
- Low range
- Low ROI
- Long charging
- Low driving experience

### US

- World's fastest motors,
- World's first boat DC supercharger,
- World's smartest e-boat system
- Zero-emission performance
- Reduced maintenance costs
- Low-noise & High safety
- Longer ranges
- Made in Norway
- Existing and commercialized solutions





## UNIQUENESS

### STRONG R&D

- Own our products with Off-The-Shelf components,
- Customer UXUI
- E-Boating, predictive maintenance fleet management,
- Over the Air Software updates

### **LEADERSHIP**

- Our team,
- Board of investors
- Board of Adivisors
- Their passion drives our success.

### **HONESTY**

- About our products capacities,
- Production
- Plans
- Customers success

### **MISSION**

- Standardise and build volume,
- Build a strong partner echosystem
- Help build the futur infrastructurs (charging docks, standardization,,,),



# OUR SOLUTIONS

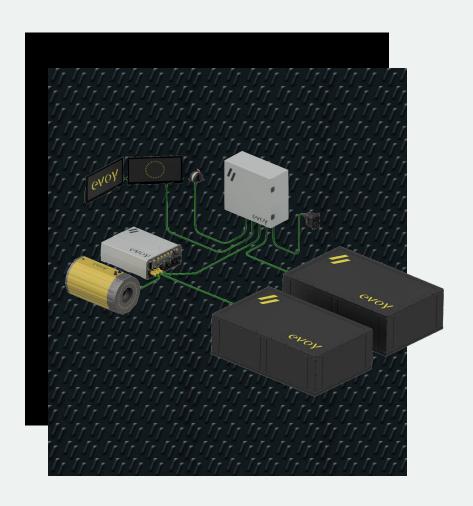
IRRESISTIBLE BOATING



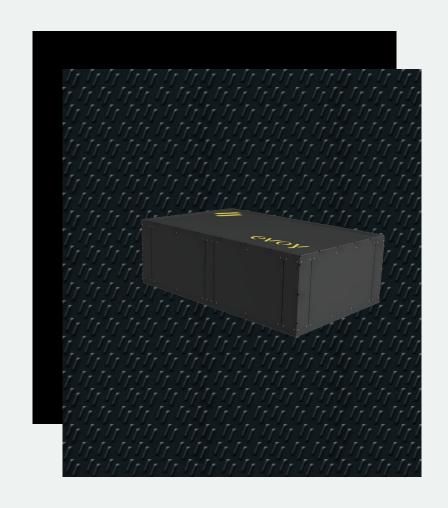
## OUR SOLUTIONS



150 Outboard



PRO & PLEASURE
Inboard



Inboard and Outboard uses





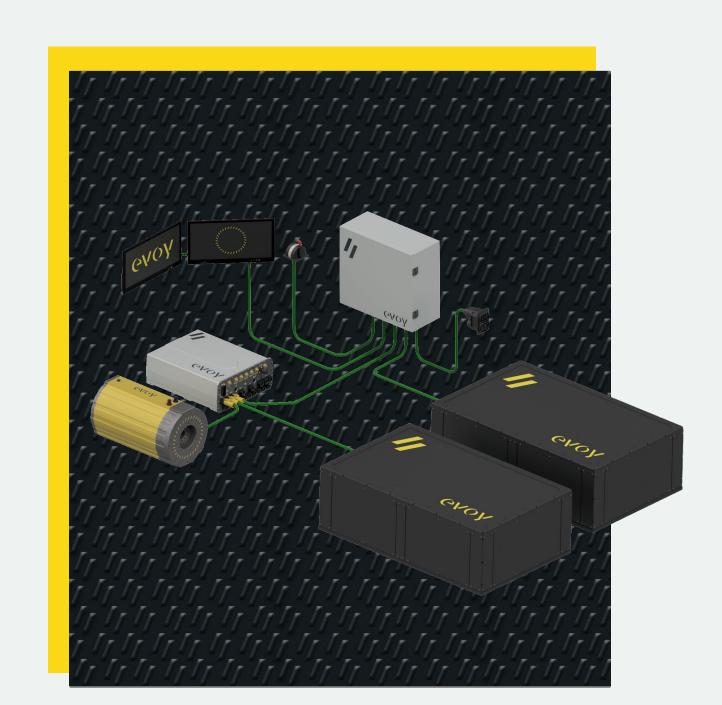
# 150

### **WORLD LEADING E.OUTBOARD**

Plug-and-play feature for ease of instalment. Evoy's highoutput electric outboard system is powerful beyond expectation with **full torque from zero rpm**. Be ready to turn heads on the water with this fantastic looking powertrain!

TECHNICAL INFO PEAK			
PRO	Peak 200 HP/350 Nm	Medium 120 HP/	
	+50 Knots	55nm - 102 km 25 knots - 1400kg - 90 kW	Fast charging 150 kW (under 30 mn)
	Perfect Cost of ownership	Most advanced Software in the industry with OTA (Over-The-Air)	Excellent ROI





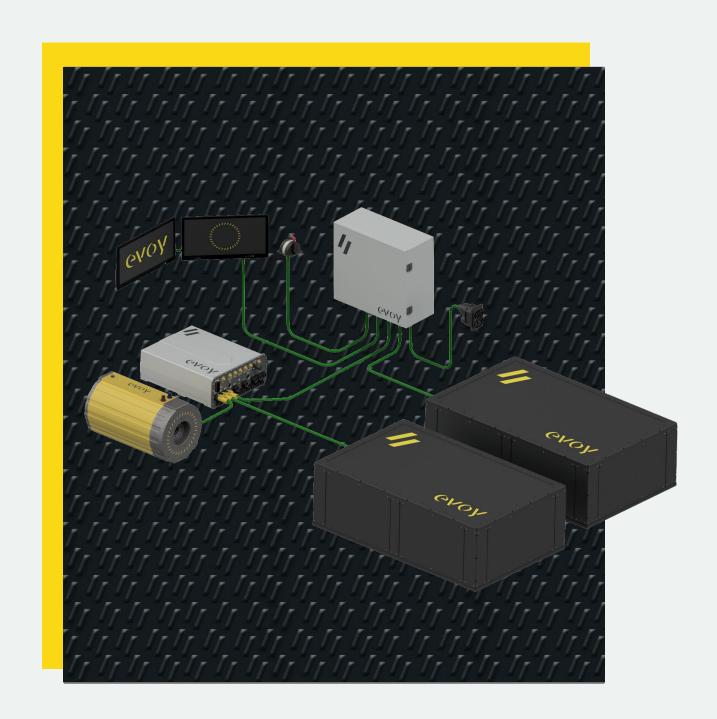
# 800 HP

# High-Output 100% Electric propulsion

Evoy's electric inboard motor system is best suited for fast boats from **20 to 50ft.** This robust system offers up to 800Hp, +50nm range and **+50 knots speed!** All that with close to **zero CO2 emissions** and **less noise**.

TECHNICAL INFO PEAK			
PRO	800 HP/1500 Nm	400 HP/770 Nm	1000 Hrs/ years
	+50 Knots	High Range 200nm (400km) in slow speed	Fast charging 300 kW (under 30 mn)
	Perfect Cost of ownership	Most advanced Software in the industry with OTA (Over-The-Air)	Excellent ROI





# 400 HP

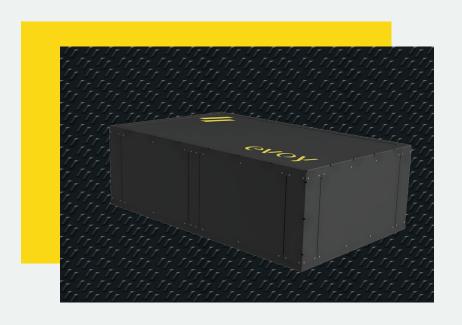
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TECHNICAL INFO PEAK			
PLEASURE	400 HP/800 Nm	230 HP/400 Nm	
	+50 Knots	High Range 200nm (400km) in slow speed	Fast charging 150 kW (under 30 mn)
	Perfect Cost of ownership	Most advanced Software in the industry with OTA (Over-The-Air)	Excellent ROI



### OUR BATTERIES



#### NORMAL RANGE

- 63 kWh
- Life Cycle 3,000 cycles
- 70% DOD
- Full system weight- 600kg (1322lb)
- At 25 Knots 18nm 34km



#### LONG RANGE

- 126 kWh
- Life Cycle 3,000 cycles
- 70% DOD
- Full system weight- 1000kg (2204lb)
- At 25 Knots 37nm 68km



#### Xtrem LONG RANGE

- 189 kWh
- LifeCycle 3,000 cycles
- 70% DOD
- Full system weight- 1400kg (3086lb)
- At 25 Knots 55nm 102km

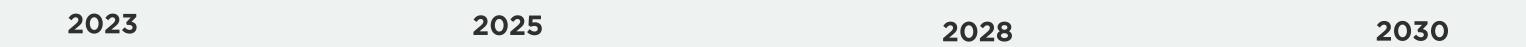


# EVOY What's NEXT

IRRESISTIBLE BOATING



# R&D ROADMAP



EVOY App E,boat
Evoy Off the shelf
accessories
Evoy 300 HP outboard
Evoy AutoPilot

EVOY App 3.0 E.Boat Evoy 450 HP outboard

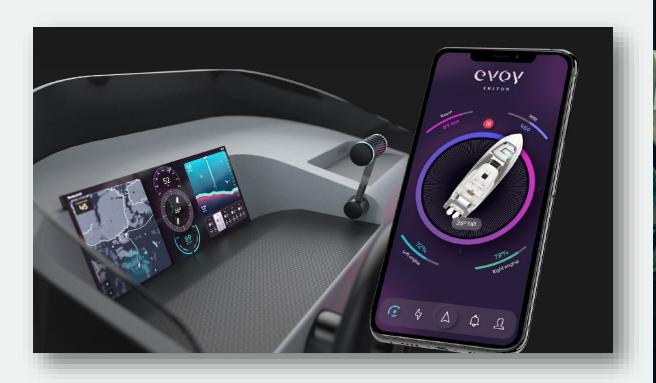
## **EVOY E.Boat**

## App

4G/WiFi/Blte

### EVOY BRIDGE

- Over-The-Air Updates,
- HQ Access,
- Diagnostics,
- Service and Big Data Ai.



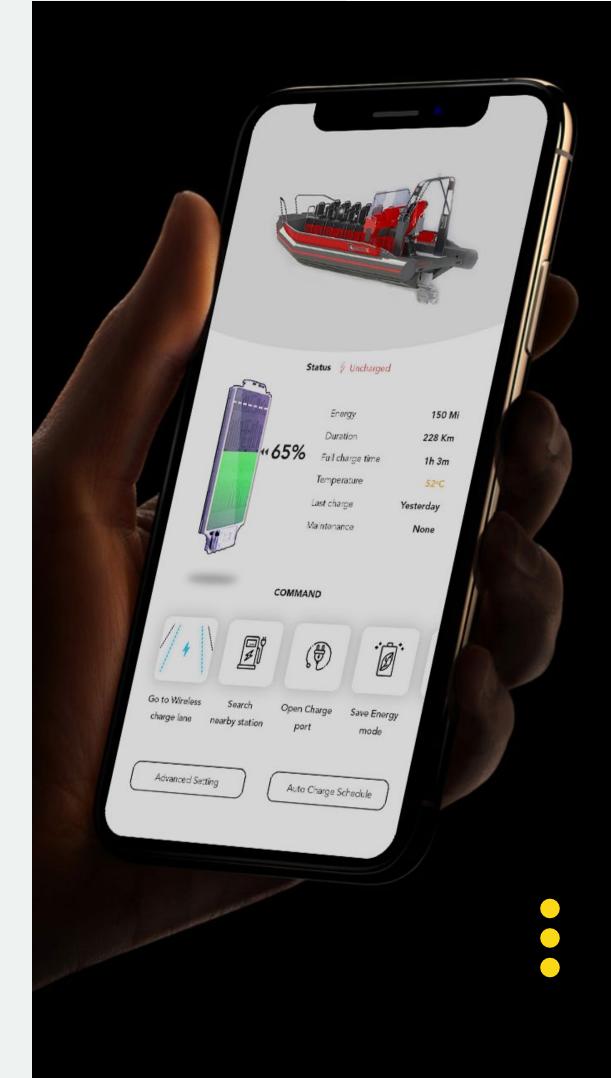


### **EVOY E.Boat 2.0**

## App

4G/WiFi/Blte

- **FULL CONTROL:** Dashboard, Full charging access, boat features control, safety and security through G-Force, temperature, GEO-Fencing ++
- AUTO PILOTE: Summon, Auto Routing, Efficiency, Route, Mapping, Non-Collision, Auto Dock,
- Taxi Function + +
- SMART ENERGY: User data, trip log, CO2 savings, Evoy Config, Service and Maintenance log and ordering + +



### EVOY Auto Pilote

Full Self Driving Capability in 2030

Autonomy Level 1 - 5

Adaptive Cruise

Efficiency Optimization

Auto Route

Auto Mapping

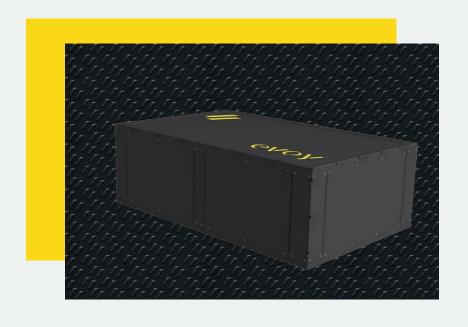
Avoidance Control

Auto Dock

Auto Taxi

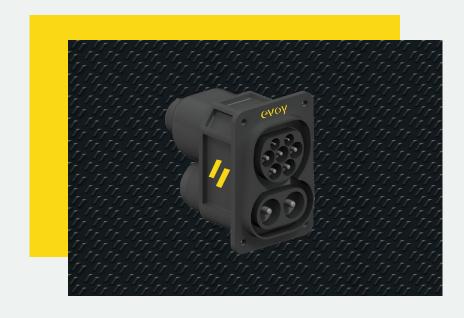


# OFF THE SHELF ACCESSORIES





- High-Output → Very cost effective compared to ICE
- Handful of moving parts
- Manhour intensive to make
- Massive R&D around the world
- Last Priority to produce



### CHARGER AC/DC

- Hard to find suppliers
- High price
- Litle flexibility
- «Low complexity»
- «Must have»
- First priority to produce



#### **ELECTRIC MOTORS**

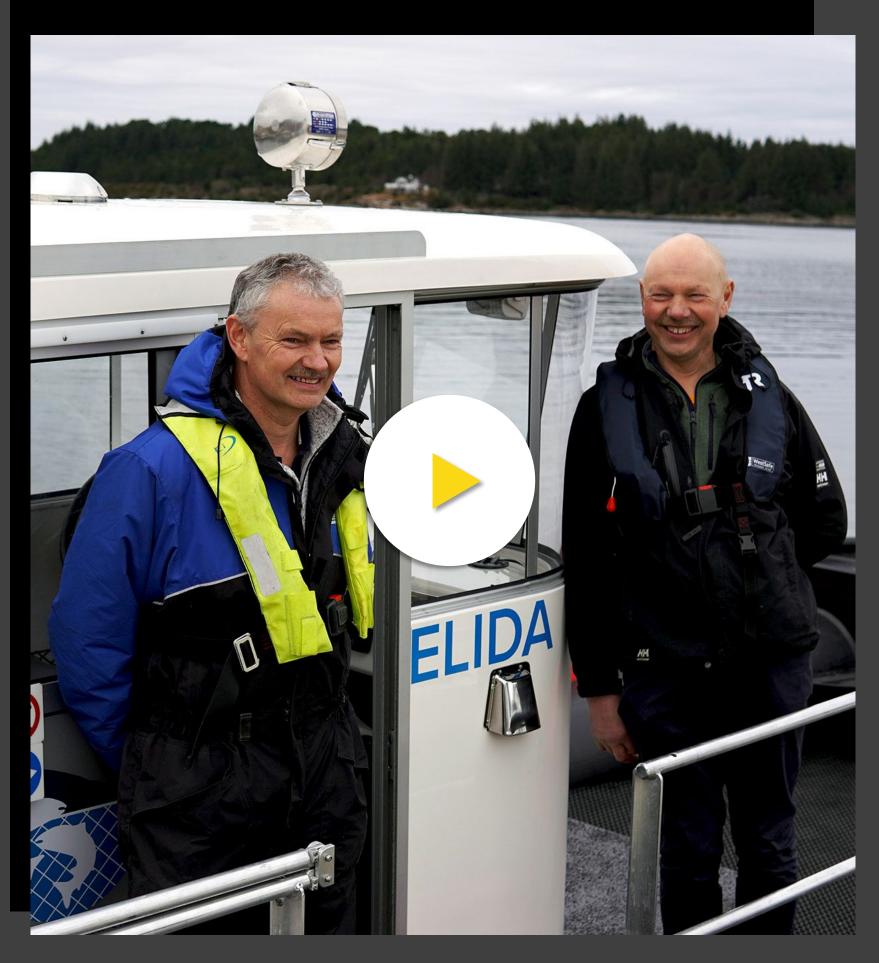
- High-Output → Very cost effective compared to ICE
- Handful of moving parts
- Manhour intensive to make
- Massive R&D around the world
- Last Priority to produce



# OUR CUSTOMERS

IRRESISTIBLE BOATING





# KARSTENSEN Aquafarming

**Inboard solution** - EVOY Hurricane Force Series inboard system.

Tech: 100% electric propulsion system with a 400 hp continuous rating.

Batteries capacities: 120kWh Power Pro.

Boat: Polarcircle 860.



