

What We Do



Solar Panels

Lightweight design to maintain the boats' stability



Geolocalization & Tracking

Proprietary tracking system using mesh technology based on open-source software

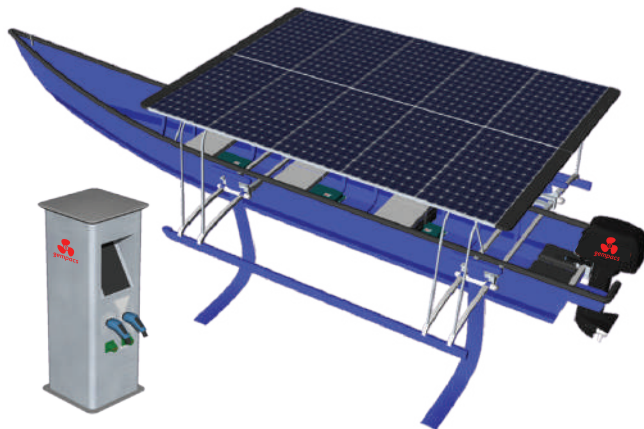


Hulls

Initially manufactured by local shipyards, in future by using Large Scale 3D-printing



User electronics, PCB Boards, Batteries, E-Motor retrofitting kits, Electric Motors.



Charging Stations

Licensed from Italy for local production in Indonesia



Hydrofoil Kit

Designed & Manufactured locally by an Indonesian partner

Direct connection with state-owned enterprises for industrialization, scaling up and energy supply.

Agreements in place with fishermen's cooperatives, central and local government.

Gempacs is a full stack solution for marine electric mobility, integrating new or retrofitted motors onto existing or new boats, including the charging facilities in the ports and IoT services.

Our core team has solid and extensive international track record in automotive, energy, naval, telecoms, real estate, electro-mechanical engineering and manufacturing, as well as process, product and project management.

We aim to revolutionize marine electric mobility, starting from professional boat users, such as small fishing, water taxi and eco-tourism boat owners in Indonesia. Our mission is to fight against Global Warming and poverty by making marine electric mobility that is healthier, safer, more environmentally sustainable and financially affordable.

scan to find out more



www.gempacs.com



[@gempacs.idn](https://www.instagram.com/gempacs.idn)



Gempacs

“Making marine electric mobility affordable in Indonesia”



Key Features of Our Boats

Non-Nickel Battery Technology

Durable, efficient and designed for sustainable fishing.

Backup Solar Panels

Additional energy source for extended range and resilience.

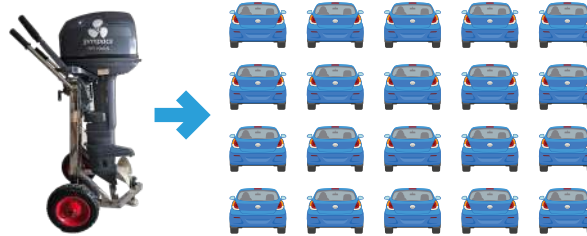
Smart Monitoring System

Tracks energy usage and geo-localization, enhancing safety and efficiency.



Problem & Solution

Pollution



Installing

Charging infrastructure in ports and beaches.



Converting (or making new)

100% electric boats.



Connecting

Software, Data & Geo-localization

Poverty Cycle

Fishers affected by high fuel costs and unavailability of fuel, no boat ownership, inappropriate fishing nets, lack of access to health services and banking



Facilitating access to financing

(Micro)Finance to offer \$0 upfront outlay to owners for the transition



Changing lives

Increasing boat owners' income through savings on OPEX and more efficient catch with species-specific nets.

How You Can Support

Invest in Gempacs

Support the growth of marine electric mobility by investing in Gempacs.



Buy Our Boats

Transition to clean energy by purchasing our innovative electric boats.



Share the Good News

Help us spread awareness about the benefits of electric boats and sustainable fishing.



Funding & Sponsorship

Help scale our impact by funding more electric boats for fishermen.



Strategic Partnerships

Collaborate on technology development, research and policy advocacy.



Government & Private Sector Engagement

Work with us to expand marine electrification policies and incentives.

