

## **Yinson GreenTech and Langkawi Port sign MoU to pilot Malaysia's first open sea electric ferry in Langkawi**

Collaboration explores deployment of fully electric passenger ferries between Langkawi and Kuala Perlis, supported by charging infrastructure and integrated marine technologies

---

**KUALA LUMPUR, 1 October 2026** - Yinson GreenTech ("YGT"), through its marine electrification business marinEV, has signed a Memorandum of Understanding ("MoU") with Langkawi Port Sdn Bhd ("LPSB") to establish a framework for collaboration on the Langkawi Electric Ferry Project. The collaboration paves the way for Malaysia's first commercial, open-sea, point-to-point, fully electric passenger ferry service.

The project aims to deploy purpose-built, fully electric passenger ferries operating between Kuah, Langkawi and Kuala Perlis, supported by shore-based charging infrastructure and integrated marine technologies.

The collaboration will see YGT providing the vessels under a charter arrangement, LPSB operating the service, and Tenaga Nasional Berhad ("TNB") developing the power and charging infrastructure – bringing together marinEV's electric vessel development and integration capabilities, LPSB's local maritime and port operating experience, and TNB's power infrastructure expertise. The parties will work together with relevant government agencies, infrastructure providers and other stakeholders to progress the technical, operational, regulatory and commercial requirements for implementation. Mandated as a National Priority Project, the collaboration is supported by key government and industry stakeholders, including the Ministry of Transport, Ministry of Finance and Marine Department of Malaysia.

Based on marinEV's Hydroferry platform, developed for fully electric passenger transport, the vessels will incorporate electric propulsion, onboard energy storage, marinEV's integrated digital technologies and autonomous and remote-operation capabilities developed by Zeabuz.

The proposed ferry service will complement existing connectivity between Langkawi and mainland Malaysia while demonstrating how vessel electrification, shore charging and digital technologies can be integrated into day-to-day passenger transport operations. The collaboration supports Malaysia's broader energy transition and maritime decarbonisation ambitions, with the National Energy Transition Roadmap identifying marine transport as an area for decarbonisation and targeting 40% green fuel penetration in the sector by 2050.

For marinEV, the Hydroferry represents a further expansion of its electric vessel portfolio into passenger transportation, following the development of its Hydromover cargo vessel and Hydroglyder crew-transfer platforms. Hydromover has since progressed from technology development and trials into commercial operations in Singapore.

**Haji Muhd Nasir bin Haji Abdul Aziz, General Manager of Langkawi Port Sdn Bhd**, said, “LPSB is pleased to support this landmark project as the intended operator of the country’s first electric passenger vessel service. By bringing cleaner and more reliable maritime connectivity to the Langkawi-Kuala Perlis route, this collaboration supports local communities, tourism and Malaysia’s broader maritime electrification agenda.”

**Jan-Viggo Johansen, Managing Director of marinEV**, said, “This collaboration applies the experience we gained from developing and operating electric vessels in Singapore to passenger transportation in Malaysia. Our approach has always been to move beyond demonstrating that electric vessels can work towards developing solutions that can be deployed reliably in day-to-day commercial operations. This project brings together the vessel, charging infrastructure, digital technology and operating model required to do exactly that. As part of Yinson GreenTech and the wider Yinson Group, we are particularly pleased to contribute our marine electrification capabilities in Malaysia. Working alongside LPSB and other stakeholders, our focus will be on developing a practical and scalable solution that can provide valuable operational experience for the wider adoption of electric maritime transport.”



*Minister of Finance II, YB Senator Datuk Seri Amir Hamzah Azizan, and Menteri Besar of Kedah, YAB Dato' Seri Haji Muhammad Sanusi Bin Md Nor, looking on as marinEV Managing Director Jan-Viggo Johansen and LPSB General Manager Tuan Haji Muhd Nasir bin Haji Abdul Aziz sign the MoU to establish a framework for collaboration on the Langkawi Electric Ferry Project.*



*(From left): Yinson Group Chief Executive Officer, Lim Chern Yuan; Yinson Holdings Berhad Group Executive Chairman, Lim Han Weng; Kedah State Secretary, YB Dato' Seri Haji Norizan bin Khazali; marinEV Managing Director Jan-Viggo Johansen; Menteri Besar of Kedah, YAB Dato' Seri Haji Muhammad Sanusi Md Nor; Minister of Finance II, YB Senator Datuk Seri Amir Hamzah Azizan; LADA Chief Executive Officer and LPSB Chairman Datuk Seri Haji Iskandar bin Datuk Haji Mohd Kaus; LPSB General Manager Tuan Haji Muhd Nasir bin Haji Abdul Aziz; Ministry of Finance Deputy Secretary General of Treasury (Policy), Dato' Zamzuri bin Abdul Aziz, and TNB Chief Financial Officer Badrulhisyam bin Fauzi at the MoU document exchange for the Langkawi Electric Ferry Project.*

---

## **ABOUT MARINEV**

marinEV is Yinson GreenTech's marine electrification business, providing electric vessel solutions for the maritime industry. marinEV's portfolio includes Hydromover for cargo and maritime logistics, Hydroglyder for crew transfer and Hydroferry for passenger transportation.

## **ABOUT YINSON GREENTECH**

Yinson GreenTech accelerates the transition towards cleaner transportation through practical and scalable solutions across land and sea. Through its portfolio of businesses, the company develops and operates charging infrastructure under chargeEV, electric fleet solutions under drivEV, and electric vessels under marinEV, enabling businesses, communities and industries to adopt sustainable mobility.

Yinson GreenTech is a business of Yinson Holdings Berhad, a global energy infrastructure company active in offshore energy through Yinson Production, renewable energy through Yinson Renewables, and green technologies through Yinson GreenTech.

For more information, please visit [yinson-greentech.com](http://yinson-greentech.com).

### **ABOUT LANGKAWI PORT SDN BHD**

Langkawi Port Sdn Bhd (LPSB) is the operator and manager of Dermaga Tanjung Lembung, Langkawi, providing port and maritime services that support passenger, vehicle and cargo connectivity to and from Langkawi. LPSB plays an important role in facilitating maritime connectivity and supporting the island's tourism and economic activities.

Through its maritime and port operating capabilities, LPSB continues to explore opportunities to enhance connectivity, diversify port-related services and support the development of Langkawi as a strategic tourism and maritime hub.

For more information, please visit [Langkawi Port Sdn Bhd](http://Langkawi Port Sdn Bhd).

---

Issued by Imej Jiwa Sdn Bhd on behalf of Yinson GreenTech and Langkawi Port Sdn Bhd.

For further queries please contact: -

Imej Jiwa

Jason Chiew

+6017 980 4293

[Jason@imejjiwa.com](mailto:Jason@imejjiwa.com)