



# ***MYUS CABLE SYSTEM®***

## ***Executive Summary***



**HEXA CAPITAL CONSULTANCY PLT™**

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## EXECUTIVE SUMMARY

### **MYUS Cable System®**

The **Malaysia-U.S. (MYUS Cable System®) Project** represents a transformative step in advancing Malaysia's digital economy, connecting Southeast Asia with the United States and key global hubs. This high-capacity submarine cable system is set to become a critical enabler of Malaysia's green energy-powered digital ambitions while supporting global connectivity and hyperscale data demands.

#### ROUTE MAP FOR MYUS CABLE SYSTEM®



## KEY HIGHLIGHTS

### Capacity & Design

- 16 fiber pairs with a minimum of 20 Tbps per pair, totaling 320 Tbps capacity.
- Designed as a 25-year life repeated system using proven Open Cable System architecture.
- Turnkey construction by leading global suppliers like SubCom, Alcatel Submarine Networks (ASN) or NEC Corporation.

## Strategic Connectivity

- Direct connection from Malaysia to the U.S., with key landings in Batam, Jakarta, Davao, Guam and the Pacific Northwest.
- Links Malaysia, Indonesia, and the Philippines to major U.S. hubs, supporting ASEAN economies with redundancy and robust international paths.
- Avoids contested waters and undersea cable congestion for enhanced security and efficiency.

## Market Demand

- Target customers include hyperscalers, cloud providers, telcos, and governments requiring massive, high-speed connectivity.
  - Strong pre-sales pipeline exceeding from global tech leaders and governments.
  - Positioned to capitalize on Malaysia's burgeoning data center ecosystem and regional demand for reliable, low-latency connectivity.
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## **Project Milestones**

- **Feasibility Study:** Funded by U.S. Trade and Development Agency (USTDA) grant, concluded by December 2024.
- **Financial Close:** Expected in 2025.
- **Deployment Timeline:**
  - Final system design and manufacturing from 2025 to 2027.
  - Installation and commissioning completed by 2028, with Ready-for-Service (RFS) thereafter.

## **Economic Impact**

- Aligns with Malaysia's **JENDELA Plan**, National Digital Economy Blueprint and 4IR Policy to enhance digital infrastructure.
- Provides critical connectivity for cloud services, 5G, AI and other cutting-edge technologies.
- Supports Malaysia's position as ASEAN's digital hub during its 2025 leadership role.
- Promotes international investment and collaboration with strategic government support from Malaysia, the U.S. and ASEAN nations.

## **Sustainability & Technical Excellence**

- Utilizes green power sources like hydroelectric energy for landing stations in Malaysia.
- Incorporates robust Environmental and Social Impact Assessments (ESIA) to minimize ecological impact.
- Built on space-division multiplexing (SDM) technology and industry-standard components for long-term reliability.

## **Partnerships & Sponsorship**

- The project is spearheaded by **Hexa Capital Consultancy PLT™** in collaboration with APTelecom as consultant.

## **Projected Returns**

- Positive net cash flows with projected profitability driven by fiber pair sell-offs and recurring revenue streams from operations and maintenance (O&M).

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**The MYUS Cable System® Project is a landmark initiative that advances Malaysia's aspirations as a global digital hub, enabling seamless, secure and high-speed connectivity across continents.**

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# PARTNERS

