GUIDELINES

MALAYSIA LIGHTHOUSE PROJECT

LIGHTHOUSE CATEGORY
End-to-end Lighthouse Model ● End-to-end Lighthouses are companies/factories that have successfully implemented the Industry 4.0 technology throughout the business value chain and benefited the stakeholders and customer experience. ● Digital transformation equips these organisations to mass-produce customized products on demand, and real-time data sharing with suppliers provides the agility to react rapidly to demand fluctuation. ● End-to-end Lighthouse are considered the leaders in Industry 4.0 transformation due to the organization's ability to spread the technology across the value chain and beyond its own factories. ● In case of Malaysia's model, the idea also promotes real business cases and shares the company transformation journey towards Industry 4.0 scalable adoption and Lighthouse realisation. **4 Walls Lighthouse Model** ● 4 Walls Lighthouses are companies that have successfully implemented the Industry 4.0 technology in their own organization/facilities. ● This 4 Walls organization has achieved significant improvement in their business operation or processes. ● In case of Malaysia's model, the idea also promotes real business cases and shares the company transformation journey towards Industry 4.0 scalable adoption and Lighthouse realisation.

CONCEPT
Anchor company ● In MIDA Lighthouse Programme, an anchor company/organization is defined as a qualified high-technology business that is an integral part of a high-technology activity and that has the ability or potential ability to influence business decisions and site location of qualified suppliers and customers. **Vendor** ● A vendor is a party in the supply chain that makes goods and services available to companies or consumers. In MIDA Lighthouse Programme, a vendor is a party that works closely with the Anchor company in supplying products or services (Manufacturer/Manufacturing Related Services). **Value chain** ● A value chain comprises the steps that involve bringing a product from conception to distribution, and everything in between—such as procuring raw materials, parts & components, machinery and manufacturing functions, and marketing activities. ● In projecting and promoting real business cases during the company transformation journey in Industry 4.0, the model also encourages SMEs in the anchor company's value chain to also adopt the Industry 4.0 technologies in their production and operation process.

ELIGIBILITY CRITERIA

- Incorporated under the Companies Act, 2016 and resident in Malaysia.
- Effective equity of the company may be of local or foreign owned.
- Company adopts several of the following enabling technologies:
  (Refer to related incentive conditions)

1. Big Data Analytics	**2. System Integration**
3. Cloud Computing	**4. Simulation**
5. AR/VR/MR	**6. Internet of Things (IoT)**
7. Cybersecurity	**8. Autonomous Robots**
9. Artificial Intelligence	**10. Additive Manufacturing**

- To provide project description details (e.g., solution provider engaged, project cost, project duration, technology partner)