



**The Implementation of modern technologies and innovations
aims to enhance efficiency in Dry ports and surrounding areas
to support the Greater Mekong Subregion**



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Current Situation



The Ministry of Transport, Thailand has the Plan for the development of Dry Ports, CY, Transshipment and ICD to support the transportation of goods between Thailand and its neighbors through Laem Chabang Port.



Current Situation



Problem :

- Exceeding the designed capacity.
- Traffic congestion.
- Technology is not up to date.
- Delays in the transportation.
- Contract Management

Improvement :

The application of appropriate and modern technology and innovation for cargo handling and traffic management within the ICD Ladkrabang will be beneficial for cargo transportation and opportunities for international competition



Objective of the Study



1. **Study modern technologies and innovative transportation models** that are well-suited for enhancing efficiency within Dry Ports or Inland Container Depots (ICDs).
2. **Promote efficient movement of cargoes** within domestic and Greater Mekong Subregion (GMS) member states.
3. **Study and recommend effective measures and guidelines** for optimizing logistics transportation costs.
4. **Conceptualize design and develop technology models** that suitable for enhancing the efficiency of logistics transportation within Dry Ports or Inland Container Depots (ICDs)

Expected Outcomes



- **Improved Efficiency:** Enhanced operational efficiency at dry ports, leading to reduced turnaround times and increased throughput.
- **Enhanced Connectivity:** Strengthened connectivity between dry ports, transportation networks, and supply chains within the GMS region.
- **Reduced Costs:** Lower operational costs for dry ports and businesses operating in the region.
- **Improved Data Management:** Enhanced visibility and transparency in the dry port ecosystem through improved data management.
- **Sustainable Practices:** Promotion of sustainable and environmentally friendly practices in dry port operations.

Timeline and Budget



- **Expected Year of Commencement : 2026**
- **Estimated Project Cost : 1.0 million \$**



Conclusion



By leveraging modern logistics technologies:

- **This project aims to significantly enhance the efficiency and competitiveness of dry ports and their surrounding areas within the GMS region.**
- **The proposed initiatives will contribute to the region's economic development, facilitate trade, and promote sustainable practices.**



Thank you for your attention



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