



Concept Note

Partnership in Scaling Cleaner Energy in Maritime Transport

Thailand's transportation sector accounts for 26% of total national GHG emissions and is one of the most significant sectors that influence climate impact. The country has pledged to reduce 40% of GHG emissions by 2030 in its National Determined Contributions (NDCs). Thailand has called for international support for the enhancement of electrification and the development of battery charging technology.

Thailand's maritime network has a high density of activities concentrated around the Southern, Eastern, and Western seaboards, as well as rivers and canals in the Bangkok metropolitan region. Thousands of vessels sail in Thailand's waters with more than 10 million passenger trips made on maritime vessels across all canals, rivers and seas annually. The industry contributes to the nation's economy in the logistics and tourism sectors.

The Embassy of the Netherlands in Thailand sees an opportunity for cooperation with Thailand on the **"Partnership for Scaling Cleaner Energy in Maritime Transport"**, part of the Netherlands' "Climate and Energy Response Facility (CERF)". With CERF, the Netherlands supports partner countries with their climate and energy transitions.

Building on the success and keen interest of our local partners during Preliminary Roundtable Meeting of this programme in 2024, Embassy of the Netherlands is hosting the **"Partnership for Scaling Cleaner Energy in Maritime Transport"**, to further the discussion and partnership in maritime clean energy on technical workshop and policy dialogue.

"Partnership for Scaling Cleaner Energy in Maritime Transport" is set to happen on the 23 January 2025. The activity is a one-day technical workshop and policy dialogue with focuses on maritime transport electrification. It is focuses two categories of maritime vessels electrification which are

- Pleasure craft, tourism boats, and river express
- Workboat, tugboat, and dredging vessels

In these two categories, experts and representative will be engage in a fruitful discussion on shipbuilding infrastructure, vessel designs, conversion, facilities planning, scaling by policy and more. The Dutch Embassy will also joined by representatives from several agency in maritime and infrastructure from the Netherlands to share their experience on Dutch technology, and policy-driven changes toward cleaner energy in maritime sector.

Agenda

Preliminary Roundtable Meeting

Partnership for Scaling Cleaner Energy in Maritime Transport

Date	Time	Programme	
22 January 2025 (Reserve for Dutch delegates)	9.00 – 10.00	Meeting with DRR Representative from Marine Departments, Department of Climate Change and Environment, and etc.	
	10.00-11.30	Shipyard Visit	
	11.30 – 12.30	Electric River Express (Energy Absolute)	
	12.30 – 13.30	Lunch	
	13.30 – 14.30	Electric Tourism boat – Canal Tourism	
	15.00 – 15.30	Meeting with BMA (city) and project stakeholders	
	16.00 – 16.30	BMA’s Electric Canal Shuttle	
23 January 2025 (Reserve for Dutch delegates)	9.00 - 9.30	Registration	
	9.30 – 9.45	Opening Ceremony by NL Embassy Representative and TH Gov Agency Rep	
	9.45 – 10.15	Dutch Technical Lecture on E-Boat Technology and Supply Ecosystems and Leading Business Case	
	10.15 – 10.30	Break	
	10.30 – 12.00	Technical Workshop (Tourism and Express) : E-Boat Conversion and Customisation	Technical Workshop (Workboats) : EV boat manufacturing adjustment for low carbon emission, Skill Enhancement
	12.00 – 13.00	Lunch	
	13.00 – 13.45	Policy, Infrastructure and Impact on Lowering Emission in Maritime Transport	
	13.45 – 15.00	Policy Workshop (Tourism and Express): Tourism and Energy Transition – Financial Incentives and Impact	Policy Workshop (Workboats): Government Awareness, Financial Incentives, and Impact
	15.00 – 15.15	Break	
	15.15 – 16.30	Infrastructure Workshop (Tourism and Express): Facility	Infrastructure Workshop (Workboats) : Facility
	16.30 – 17.00	Summary and Closing Ceremony	

Registration

Please provide your registration in at this address bit.ly/