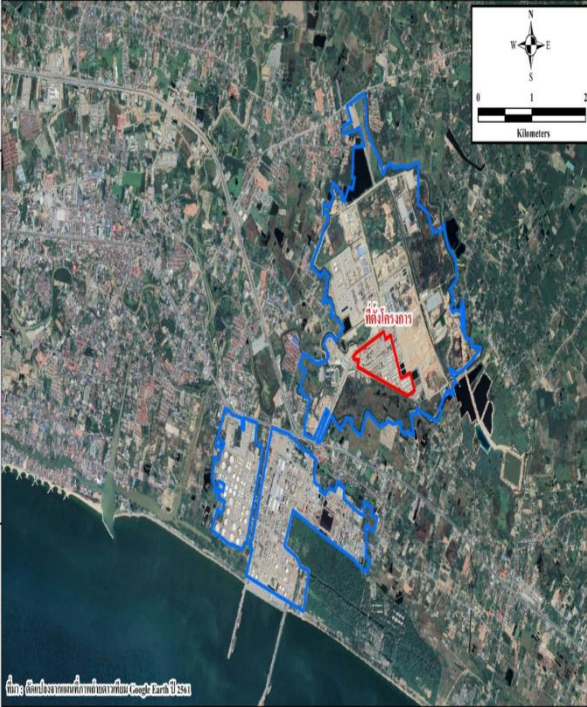


## Project Location



## Environmental Mitigation Measures during operation period

- Controlling emission from stack to comply with the emission standard of Ministry of Industry, Thailand.
- Providing preventive maintenance for machines and equipment to keep them in good conditions.
- Controlling the effluent quality to comply with the wastewater standard of Ministry of Industry, Thailand.
- Conducting emergency response exercise regularly.

## Objectives and Project Information

### Objectives

- To produce Lube Base Oil products for supporting demand.
- To decrease Lube Base Oil imports.

### Project Information

The production capacity is approximately 274,976 tones/year and other product capacity around 1,099,350 tones/year.

### Implementation results of Mitigation and Monitoring Measures

- Ambient air quality: Monitoring HC, SO<sub>2</sub>, NO<sub>2</sub> in the ambient air. All parameters comply with standard.
- Air emission from stack: Monitoring TSP, SO<sub>2</sub>, NO<sub>2</sub> emission from stacks. All parameters comply with standard.
- Effluent quality: Monitoring Temp, pH, SS, BOD, Grease & oil of effluent. All parameters comply with standard.
- Noise pollution : Monitoring Leq24 hr, Leq8 hr, Lmax, TWA. The monitoring result complies with standard.
- Safety: Conducting emergency response exercise and providing preventive maintenance for emergency alarm system regularly.