



# EES Technical Studies Traffic, Transport and Aviation

This fact sheet provides an overview of the Traffic and Transport based studies that will be assessed through our Environment Effects Statement (EES)



Port of Hastings Corporation (PoHC) is required to prepare an Environment Effects Statement (EES) for the Victorian Renewable Energy Terminal (the Terminal).

An EES is the most rigorous environmental impact assessment process in Victoria. There are 20 technical studies that are being prepared to investigate the potential impacts of the Terminal.

There are two EES studies that assess these potential Traffic and Transport impacts:

- Traffic and Transport (land-based vehicles)
- Aviation (air).

## Why is assessing traffic, transport and aviation important?

Construction of the Terminal relies on trucks, heavy vehicles and a workforce accessing the site, which can place additional pressure on roads.

Understanding traffic and transport impacts early ensures construction traffic is managed, disruptions are minimised, and the local transport network can continue to operate effectively for the community.

From an aviation perspective, partially assembled offshore wind towers and assembly cranes have the potential to impact the airspace above the Terminal.

## Traffic and Transport

The Traffic and Transport Assessment analysed the local road network around Hastings and vehicle movements that will be expected throughout the project, to understand how these might impact travel times, congestion and roads.

### What is being investigated?

- The traffic assessment investigates existing traffic conditions, current traffic volumes and vehicle types in the local Hastings area.
- Consideration of the impacts from construction and operational vehicles required for the project.
- We've conducted traffic assessments on key local roads including Marine Parade, Barclay Crescent, Bayview Road, Long Island Drive, Graydens Road, Frankston-Flinders Road, Western Port Highway and Mornington-Tyabb Road.



### What we know (Construction)

At its peak, construction of the Terminal is expected to introduce an additional 200 trucks per day, or around eight trucks per hour, to the local road network, which represents an approximate 10-15% increase in vehicles during this period.

The following roads are expected to be used during construction:

- Light vehicles are expected to use Long Island Drive and Marine Parade to access the Terminal, choosing routes from there based on where vehicles (such as staff) need to travel to and from.
- Heavy vehicles must use B-Double approved roads, which is outlined on the map.

During construction, the necessary workforce is expected to generate an estimated daily volume of 300 light vehicle movements in and out of the project area.

The anticipated site entry and exit times (6am-7am and 6pm-7pm) are likely to fall outside of the external network peak hours of 8am-9am and 3pm-4pm.

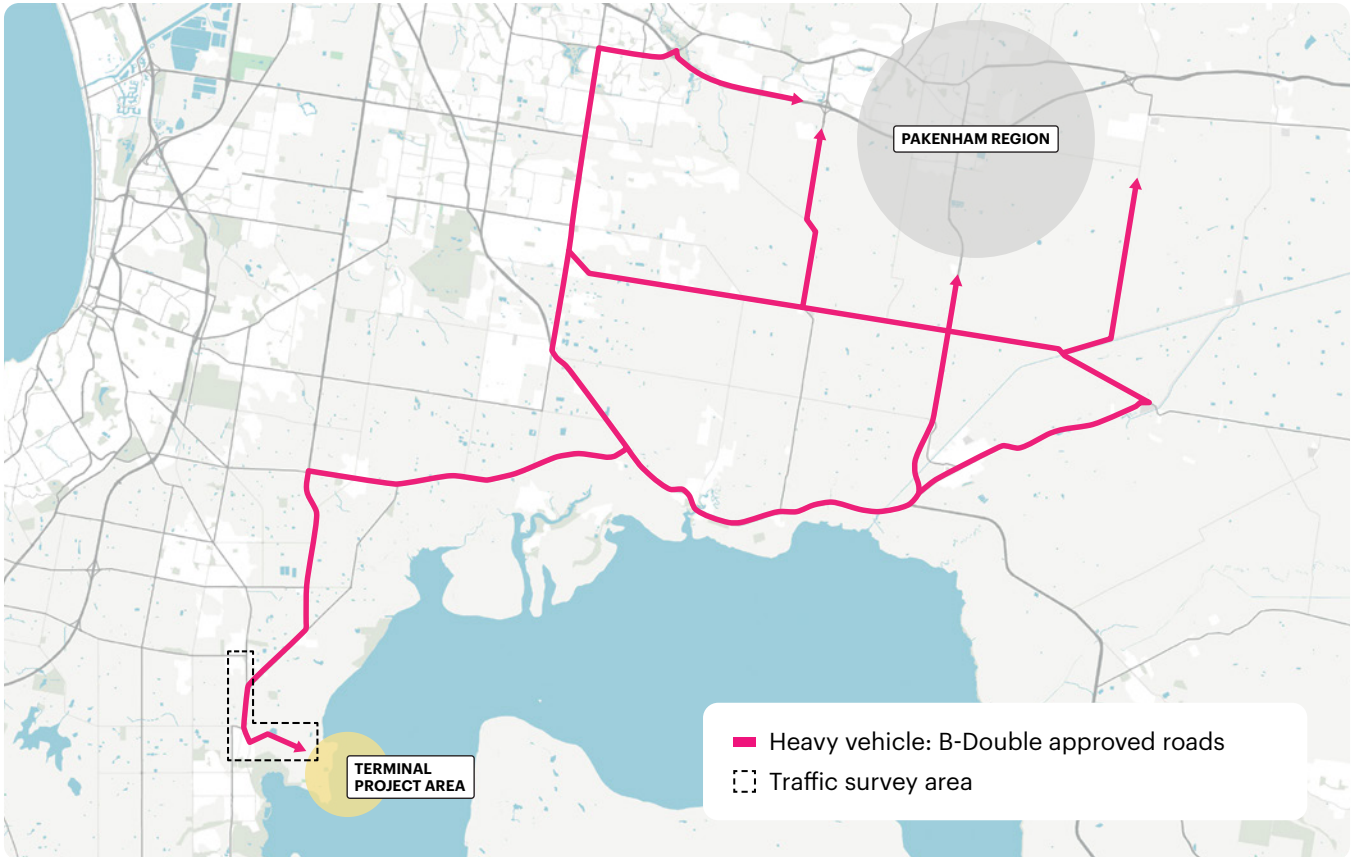


Image: Traffic survey area and approved roads for heavy vehicles.

## Aviation

The aviation assessment examines how the wind turbine towers, cranes and associated Terminal activities could affect aviation in the surrounding Western Port region.

### What is being investigated?

This study investigates potential impacts on flight operations at nearby aerodromes including Tyabb, Somerville, Tooradin and Moorabbin. This includes looking at air routes and lowest safe altitude requirements.

The investigation also considered emergency services, training flights, helicopter operations, and whether lighting or tall structures would introduce obstacles to safe aircraft operations.

### How are we assessing impacts?

Aviation specialists are completing the assessment using the following methodology:

- Applying CASA regulations, the National Airports Safeguarding Framework, and Airservices Australia requirements
- Completing a site visit, consultation with aviation stakeholders, and a review of aeronautical publications, instrument flight procedures, and circuit patterns.

# Learn more about our other EES study areas

Scan the QR code to view the other Environment Effects Studies fact sheets.



## Flora and Fauna

These studies explore the potential impacts to the flora (plants, trees, and seagrasses) and fauna (birds, mammals, skinks, fish, and marine invertebrates) in and around the project area.

Western Port is home to many plant and animal species, including threatened and migratory species. As these species can be affected by new infrastructure projects, we are required under the Environment Effects Act and Environment Protection and Biodiversity Conservation Act to assess our potential impacts.



## Environment and Water

These studies explore the potential impacts of the project on coastal processes such as tides, currents, and erosion, surface water and groundwater conditions, soil and sediment quality and any contamination risks.

Western Port is an environmentally unique and sensitive area, and it is important that we fully understand ground and marine conditions and potential impacts so that we can ensure the proper mitigation measures are put in place.



## People and Places

These studies explore potential impacts to local communities (commercial, recreational, residential), Historic and Aboriginal Cultural Heritage, and Land Use Planning.

Major projects, such as the Victorian Renewable Energy Terminal, can have an influence on the way we live, work and play in the local community. We need to assess how construction and operational activities affect areas like recreation, business, residences, and economic growth in the region.



## Liveability and Amenity

These studies explore the potential impacts of noise, vibration, visual amenity, and air quality as a result of the project.

Constructing new infrastructure can cause noise, visual and other impacts, so we need to assess how these will affect the area surrounding the Project both during construction and ongoing.



## What we've heard so far

Community and stakeholder input continues to play an important role in shaping the Environment Effects Statement (EES) before it is finalised for exhibition.

Throughout our engagement activities, we have received questions related to the potential noise impacts (both onshore and offshore) during construction and how construction noise will be monitored.

Questions include construction noise effects on local businesses and residents.

There is also interest in how visual, air quality and lighting impacts will be managed during construction.

These amenity impacts, such as dust and lighting, are assessed across several technical studies, including the Air Quality and Landscape and Visual Impact reports.



Image: Community Technical Roundtable session

## Upcoming Exhibition of the EES (2027)

The project EES will be available for public review and comment for at least 30 business days.

The EES will include supporting technical documentation, including a detailed consultation report outlining how the project engaged with stakeholders and the community, and considered feedback as part of preparing the EES.

During this time, there will be an opportunity to review the full suite of technical studies and EES reports and make a submission to the Planning Minister in response to the project.

Details about the exhibition, how to access documents and how to make a submission will be published closer to the time. At this stage, EES public exhibition is expected to occur in 2027.

### Stay informed and up to date about the EES exhibition process

Subscribe to our e-newsletter by scanning the QR code or visiting:  
[renewableenergyterminal.com.au/subscribe](https://renewableenergyterminal.com.au/subscribe)



For languages other than English, please call 03 9209 0147.

Please contact us if you would like this information in an accessible format. If you need assistance due to a hearing or speech impairment, please visit [relayservice.gov.au](https://relayservice.gov.au)

**Project website**  
[renewableenergyterminal.com.au](https://renewableenergyterminal.com.au)

**Phone**  
03 5979 5500

**Email**  
[engage@portofhastings.vic.gov.au](mailto:engage@portofhastings.vic.gov.au)

