



Transport

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Westport and Transport

Perth (including Peel) and Bunbury are the two largest centres of population in Western Australia. As our population grows, imports and exports will increase, so will the demand placed on our ports, railways and roads to move more freight.

Westport will examine all stages of the supply chain to identify the infrastructure needed to move freight as the population grows over the next 50-100 years.

The Westport strategy will consider the wider supply chain including:



Ships arriving at or leaving by port



Transferring goods between ships, trucks and trains



Freight being unloaded from or loaded onto ships



Transporting goods by road and rail to and from the ports to their end destination

The Ports of Fremantle, Kwinana and Bunbury handle many different types of product that are imported or exported, including containers, dry and liquid bulk commodities, break bulk items such as cars, scrap metal and livestock as well as cruise ships and visiting vessels.

Our freight network connects our ports to customers who may be based locally in Perth and Bunbury, regionally throughout WA, interstate or even overseas.

Westport's task is to create a globally responsive, environmentally responsible and market competitive plan for WA's freight network that will efficiently deliver goods to customers when and where they are needed.

The Westport Taskforce has established teams to:

- Investigate the size of the future trade task;
- Identify current and future port capability; and
- Examine the transport infrastructure required to efficiently move goods between ports and customers.

The teams consist of subject matter experts from state and local governments, ports, industry associations, and transport operators.

Their skills and experience includes transport and port planning, transport engineering, port operations, economics and logistics.

Activities of the Transport-related teams



Trade Task Team

- Describe the current trade task: types of trade, characteristics, import/export requirements;
- Identify growth drivers, market trends, growth forecasts;
- Estimate potential trade task overall and by port:
 - Using low, medium, high growth scenarios; and
 - At various population and time horizons.

Port Capability Team

- Identify physical port requirements to service a range of trades, including port size and layout, depth of channels, berth length, land for port related activities;
- Investigate operational capacity, opportunities and constraints now and in the future, including ship loading/unloading, operating hours, vessel size, dredging and cruise vessel needs; and
- Identify high level constraints outside the port boundary that may impact on operational capacity, including transport pinch points and location of houses.

Transport Infrastructure Team

- Identify characteristics of world's best practice supply chains relevant to Westport such as how ports connect with road and rail networks, location of intermodal terminals, location of industries, access to workforce and buffers;
- Describe the current freight network and how 'last mile' constraints may be addressed in the future;
- Investigate potential disrupters to the supply chain, such as automated vehicles, artificial intelligence and online purchasing trends; and
- Develop supply chain models showing how the future trade task may be handled efficiently.

Current Trades



Fremantle— handles most of the State's container trade, livestock, scrap metal, cars, cruise ships and defence vessels.



Kwinana—six jetties import and export bulk commodities such as oil, fertilisers, grain, chemicals, alumina, and other minerals. Home to Garden Island Naval Base.



Bunbury— bulk chemicals, vegetable oils, alumina, spodumene, woodchips and cruise ships.



Information relevant at the time of printing.