



## Sydney – Freight Challenges and Future Planning – 30 Years

- **Grow Port Capacity** – Containers expected to increase from 2.3 million TEU to 8.3 million per annum.  
*Challenge: larger vessels and will 3 stevedores & 12 berths at Port Botany cope?*
- **Delivery Destination** – 80% Import Containers delivered within a 40 kms radius of Port Botany – most to West & Sth West Sydney
- **Road** – Currently 1.86 mil TEU (81%) moving by road. Target 5.3 million (60%) moved by road in 2045.  
*Challenge: roads capacity?*
- **Rail** – Currently 440,000 pa (19%) moving by rail. Target 3 million pa (40%) by rail by 2045.  
Port Botany Rail Duplication confirmed - 1 train takes 50 B-Doubles off port area roads.  
*Challenge: Passenger rail V freight rail on Sydney metro area lines?*
- **Urbanisation** – *Challenges:* Conversion of port and industrial precincts to residential areas. Local governments incentivised by increased revenues from public transport, rates and taxes. Pressure from ‘NIMBY’ residents re trucks and container movements, road congestion, noise, pollution, night operations at transport, intermodal terminals and warehouses.



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### Planning for handling the Growth in Containers and Movement to and From Port Botany - Road and Rail

**Road - Target 5.3 million (60%) moved by road in 2045**      *Challenge: roads capacity?*

#### Encourage greater truck productivity

- Increased number of TEUs per truck - higher productivity trucks (40-40 Super Bs)
- 2 way loading of trucks – drop export container or empty container and pick up import container
- Spread movements and deliveries 24/7      *Challenge: Changing the business culture to 24/7 operations? Residential impacts of noise?*
- Upgraded road connections to Westconnex, M5 & M4

**Rail - Target 3 million pa (40%) moved by rail in 2045**      *Challenge: Passenger rail V freight rail on Sydney metro area lines?*

- Port Botany Rail Duplication confirmed - 1 train takes 50 B-Doubles off port area roads.
- Rail to 6 Intermodal terminals in Sydney West and South West

**Moorebank** – IMEX Intermodal Terminal due Q2 2019 – throughput 1.05 mil TEU by 2030. Interstate Rail Terminal due 2020 - 500,000 TEU at capacity by 2045. Dedicated rail link to Port Botany and Interstate rail. 3150 less trucks per day entering/leaving Pt Botany by 2045.  
*Challenge: local road congestion?*

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- Existing Intermodal Terminal
- Proposed Intermodal Terminal /under development
- Storage facility
- Port Botany
- Passenger rail
- Dedicated rail freight line
- Motorway