

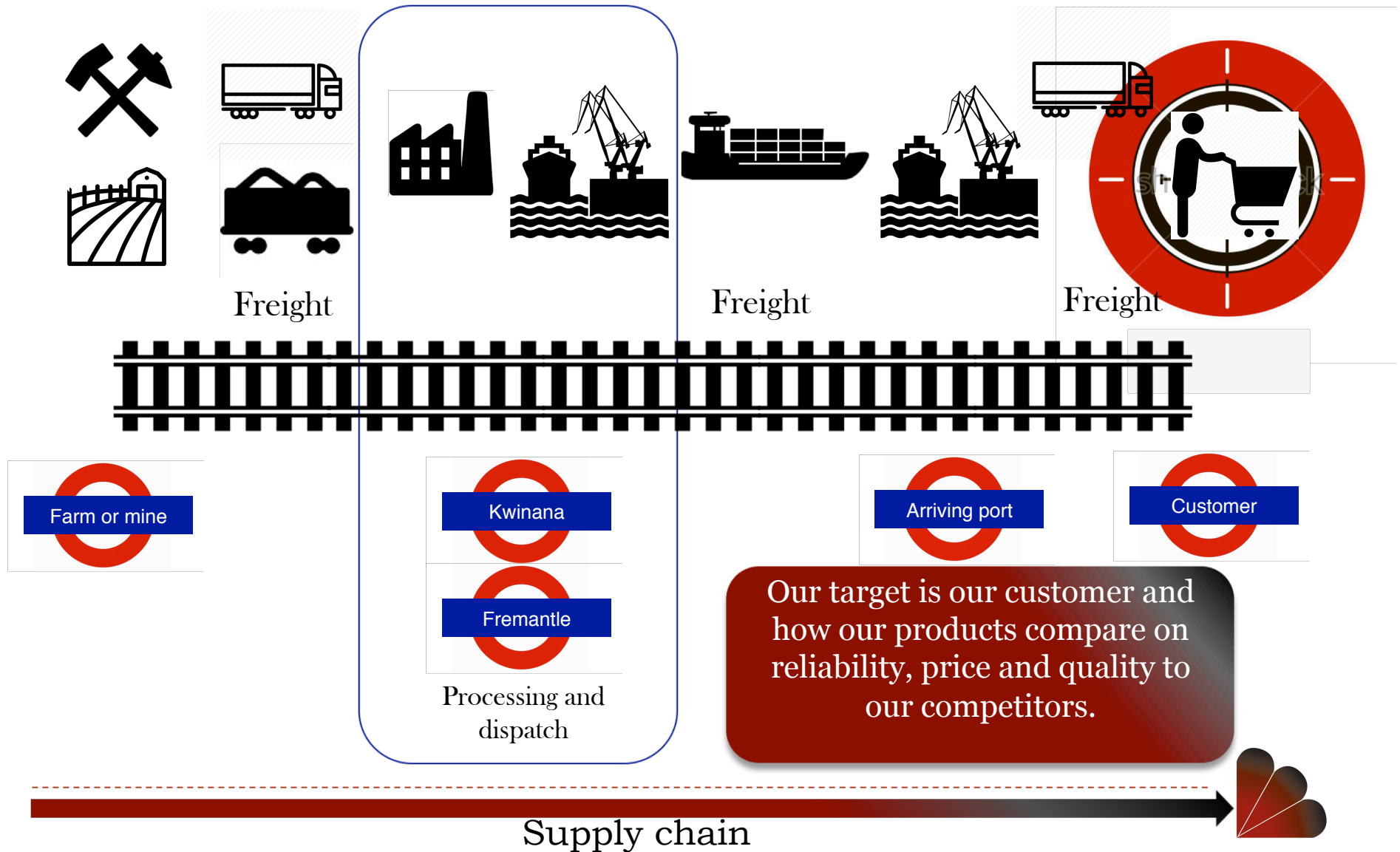
CEDA - Future proofing Perth's freight network

Djilba 2017

For the full presentation see;
www.infranomics.com.au

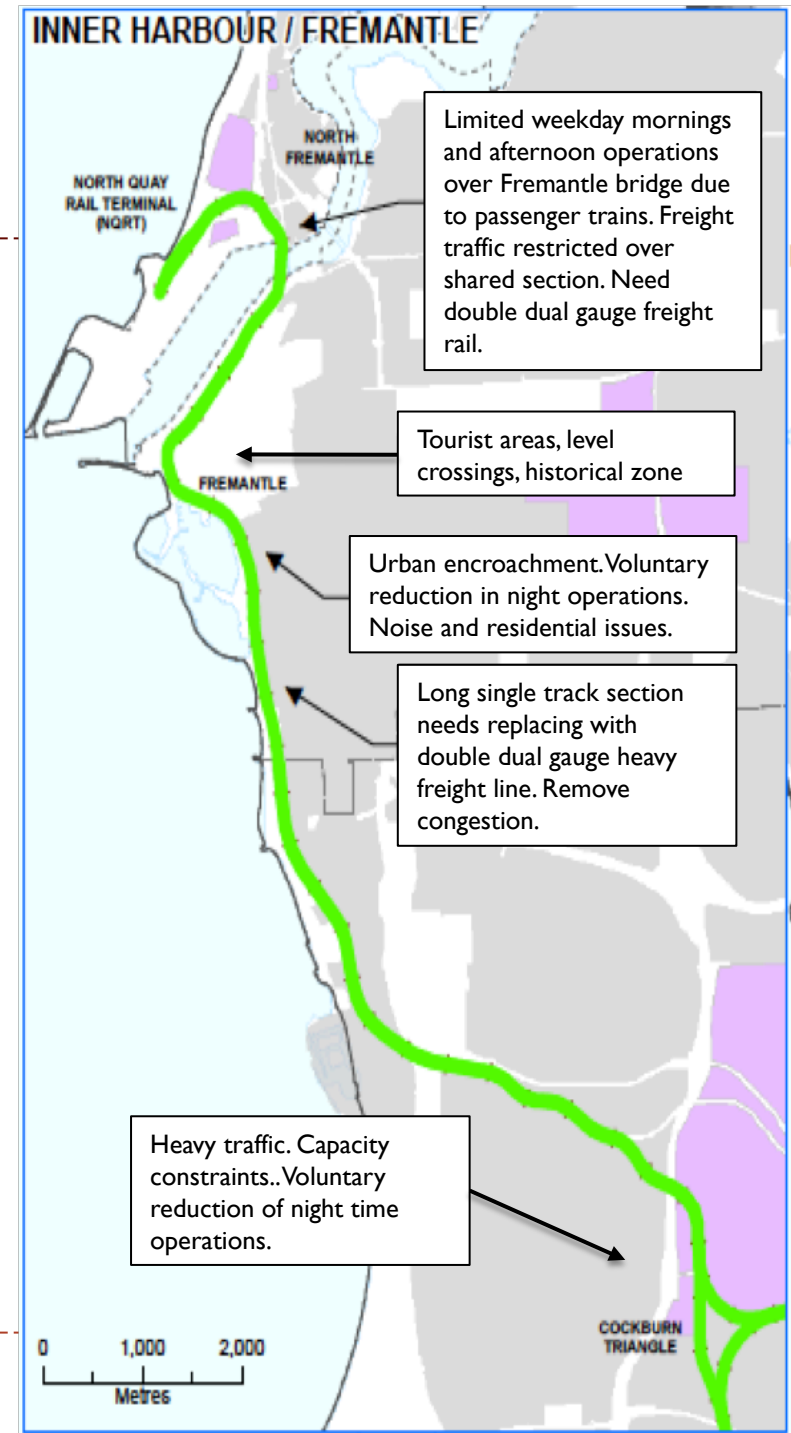


A port is only a train station, a component in the supply chain to the customer



Fremantle is a stranded asset

- No industrial land for businesses to expand.
- Urban encroachment. Pressure to remove pollution, dangerous goods, animals, noise, trains, trucks etc
- The rail and road links are suboptimal. Only expensive band aid solutions.
- Imports/ exports expensive and slow. Limited options to improve. Double handling and additional costs.
- Needs major investment in infrastructure & systems. Currently stopped due to uncertainty about outer harbour transition.
- Industry is elsewhere. Not enough scale for international trade. No longer internationally competitive. Primarily an import port.
- No growth opportunities. Limited job creation. Focus on keeping existing jobs.
- Need economic diversification to create new jobs and transition to a modern supply chain. This can only happen in Kwinana.



Current and future products – container exports

Product	2017 TEU	2017 % of total TEU
Empty containers	132,428*	38%
Hay, chaff, fodder	36,011	10%
Waste paper	20,364	6%
Scrap metals	12,153	3%
Cereals and cereal preparation	11,458	3%
Malt	10,731	3%
Oats	10,647	3%
Chemicals & related products	10,600	3%
Titanium dioxide	9,817	3%
Fresh fruits and vegetables	8,841	3%

*Imported 25,557 empty TEU in 2017, mostly REEFER

The future target products

Containers

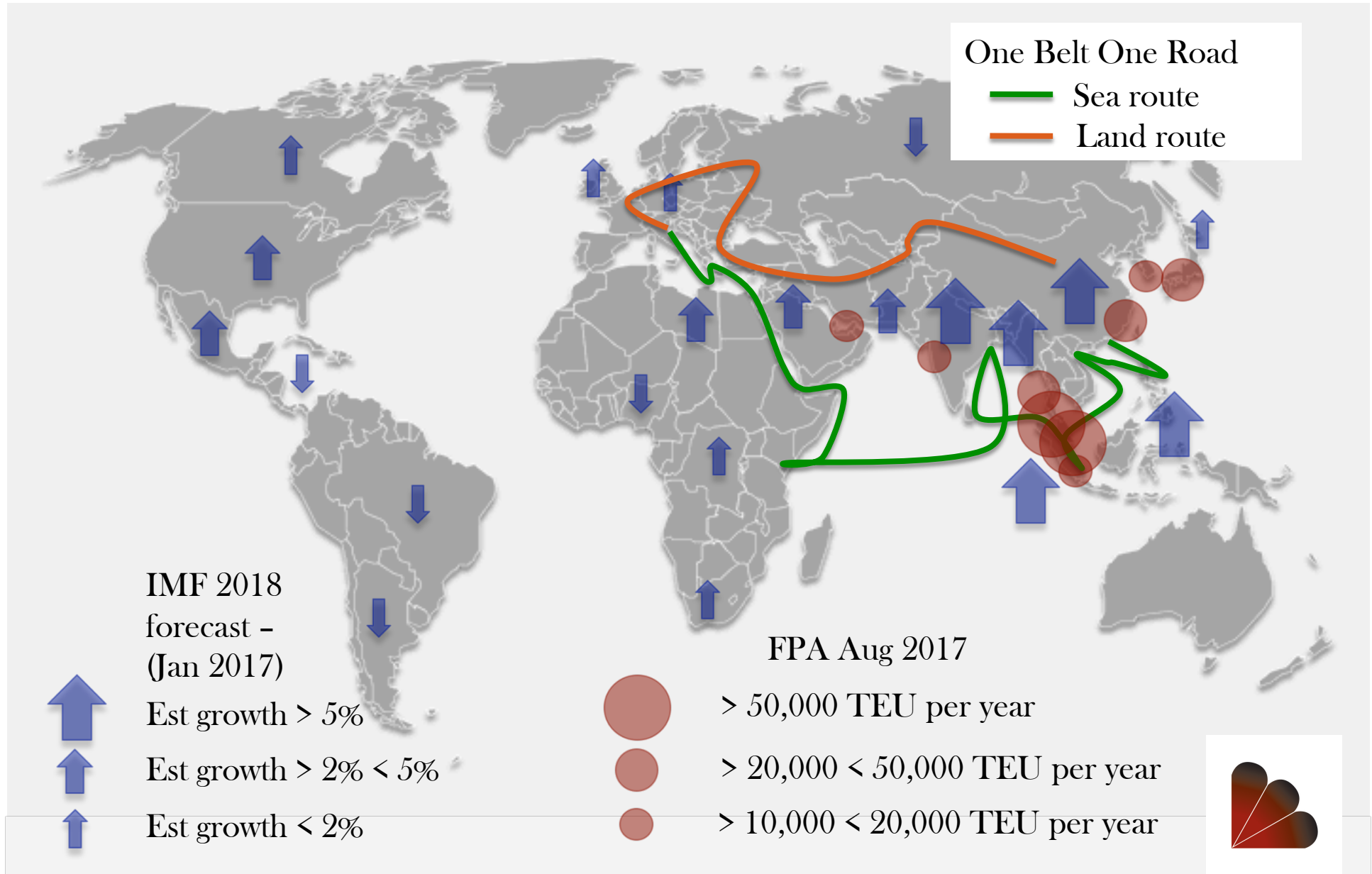
Proteins – chilled and frozen
Live trees, plants
Fruits and vegetables
Cereals & milk preparations
Processed foods
Wood and animal products
Manufactured products, currently 9%

Value adding

High value, specialised refining i.e.
Titanium Dioxide, Lithium products
Agricultural & resource processing
Chemicals and industrial processing
Industrial ceramics
Industrial glasses
Refractory products
Defence – drones, munitions



Current WA main export trading partners



Kwinana : the solution to jobs and diversification

New jobs

- The region will boom and create new jobs and industries, some will be created that haven't been considered yet
- In other port developments dock workers were retrained then transitioned & new staff hired
- Develops on the back of existing region



Economic diversification

- A modern, efficient and integrated port can only be developed in Kwinana
- Provides the space and infrastructure and scale which means being internationally competitive
- Diversifies the economy. Increases our security
- The freight logistics and supply chains can be upgraded
- Special Control Area can avoid the problems in Fremantle and protect industry and the port from urban encroachment for future generations
- A bigger more powerful version of the AMC
- 'Plug and play' industrial park for foreign companies. Speeds up investment
- Free Trade port – Bonded region. imports, storage, exhibit, assemble or manufacture without customs entry procedures and duties

