

Decarbonising Heavy Transport

Summer Steward
Sustainability Project Manager

18 September 2025



OUR NETWORK

Team Global Express has significant scale, reach and speed, with a network spanning Australia and New Zealand to enable flexible delivery solutions to communities right across this extensive landscape. With a strong focus on sustainability and social responsibility, we strive to minimise our environmental impact and contribute to the communities where we operate.



Significant multimodal network across air, sea, rail and road transporting 100,000,000+ items annually



Largest dedicated domestic airfreight network with 500+ flights per week using 40+ aircraft



More than 8,500 employees and 5,000+ delivery partners including our agent network



Leading Bass Strait operator with 2 x 210m long roll-on, roll-off cargo ships



Growing Australia's largest rail footprint, linking remote regions to city centres



Expansive road network with 7,000+ fleet



Largest express pallet carrier in Australia



650+ strategically placed depots and branches, plus 1,700 total collection points, including agency network

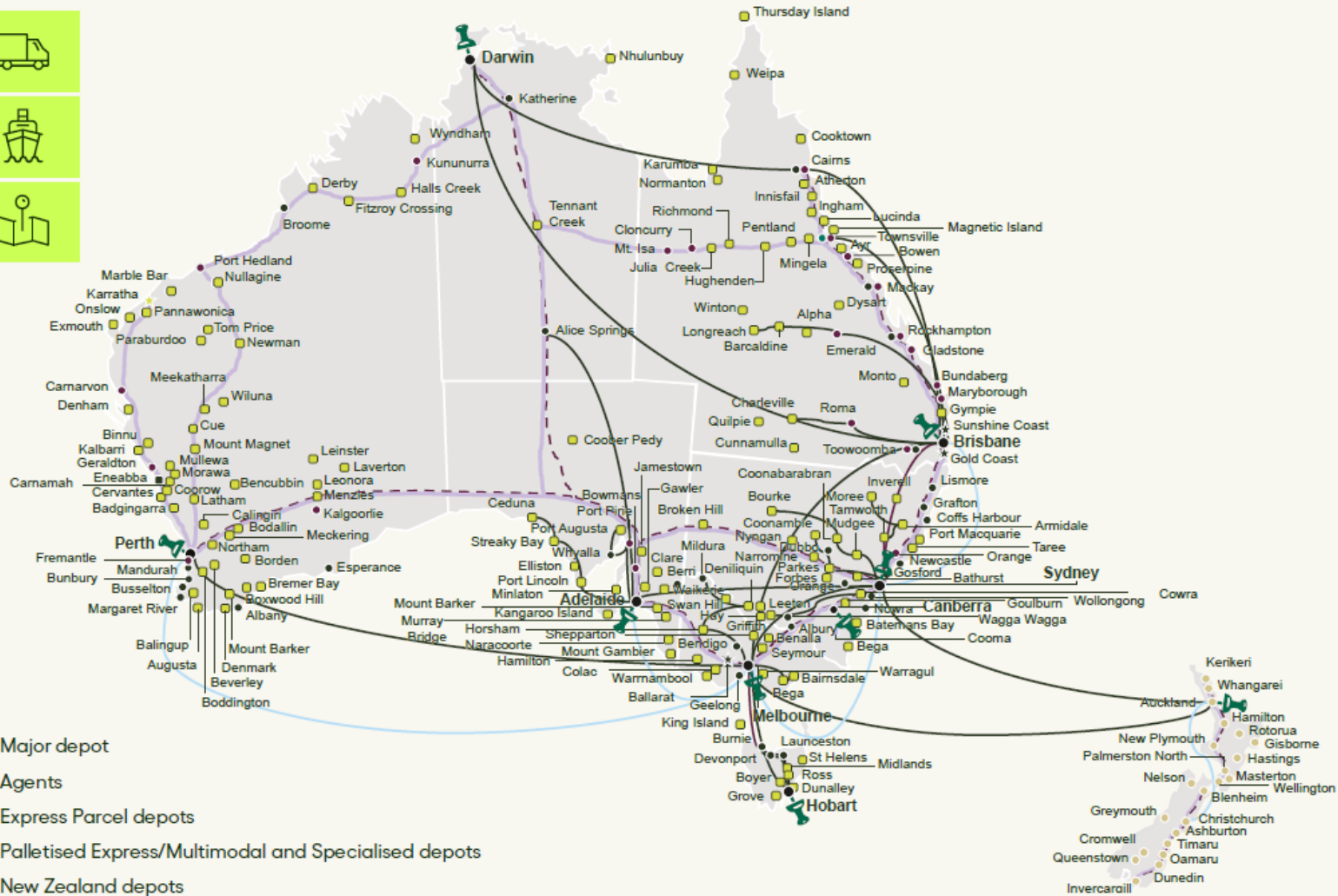
Team Global Express is a logistics solutions company, owned by Allegro Funds, Australia’s most awarded transformation and turnaround equity firm.

OUR NETWORK

Expansive road network

Leading position in key strategic shipping lanes

Strategically located depots



Recognition and Awards

- Australian Financial Review Sustainability Leader – Overall winner for Impact 2025
- Australian Logistic Council ESG leader award 2023



DECARBONISATION STRATEGY AND TARGETS

Our Decarbonisation Strategy is a transformative approach that integrates sustainability into all areas of our operations — from fleet management through to facility energy use. This vision goes beyond just meeting targets; it is fundamentally changing how we operate to drive more sustainable growth throughout the industry and beyond.



Striving for....



Net zero by 2040

We are striving to achieve Net Zero emissions by 2040, a target that encompasses both Scope 1 and Scope 2 emissions across our Australian and New Zealand businesses. This ambitious objective reflects our commitment to leading the way in sustainability and aligns with global efforts to limit the impacts of climate change.



Smarter Vehicles



Electric Trucks

For smaller fleet, lighter and medium rigs, subcontractors in vans. Will occur where the payloads are not as heavy or the distances not so far. Need to **collaborate** to develop a robust charging infrastructure for electric trucks at key transportation hubs and along major routes, such as at shopping centres and logical stopping points. We also need to **incentivise** fleet operators to transition their vehicles to electric trucks in some way – perhaps working together with government on subsidies, tax breaks, and grants.

Bungarribee NSW – Depot of the Future



Depot of the Future – Project Partners



MTA Energy



JET CHARGE

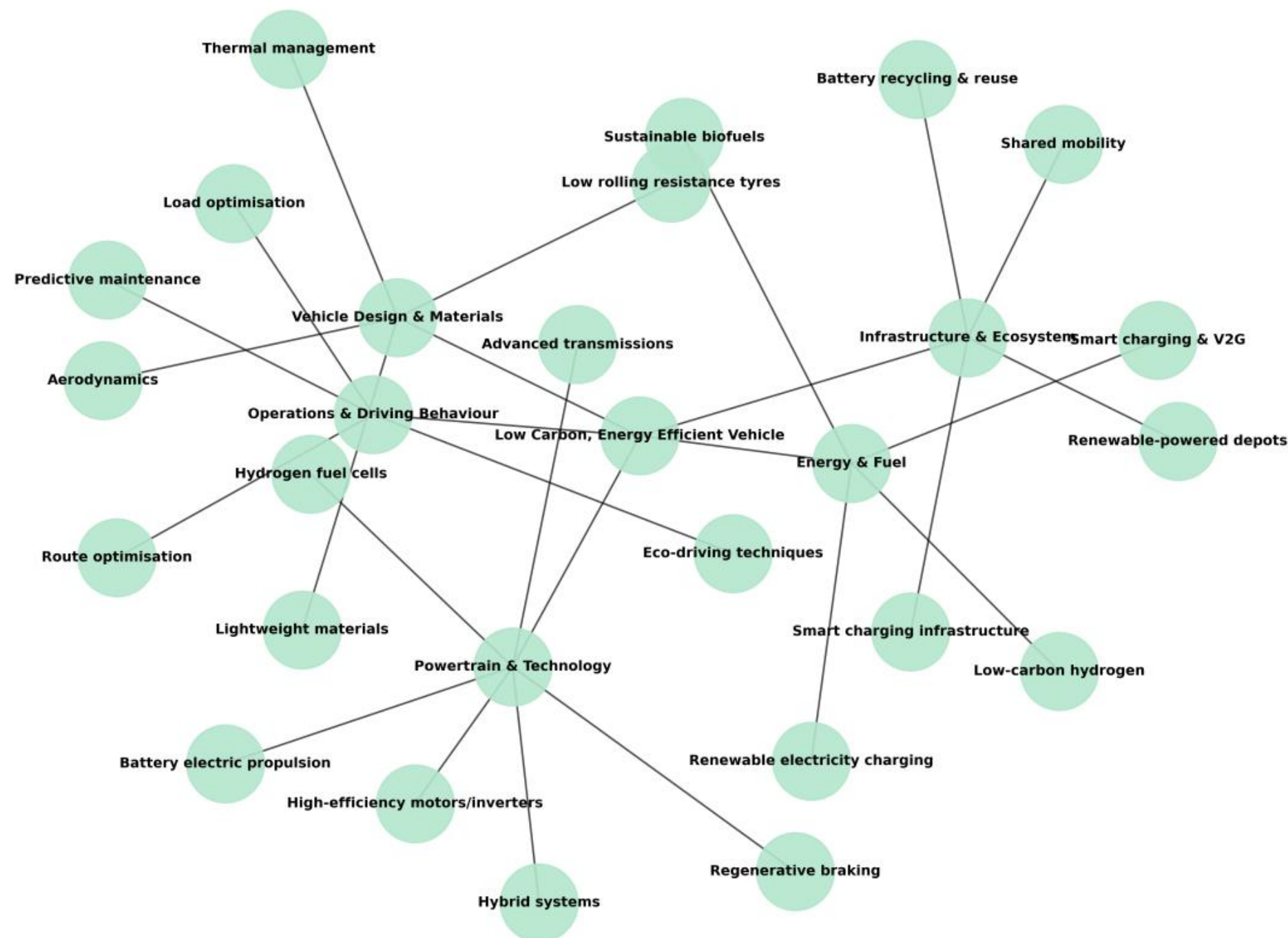


FUSO



This Project received funding from the Australian Renewable Energy Agency (ARENA) as part of the Driving the Nation Fund.

So many
areas to
target



Taking to the Skies: New Texel Partnership

In FY24, Team Global Express added four new Boeing 737-800 BCF freighter aircraft to our fleet through a new seven-year, \$480 million partnership with Texel Air Australasia (Texel).

Due to optimised air routes and higher cargo capacity, the new aircraft deliver a 15% reduction in fuel consumption compared to our previous fleet, allowing for more efficient use of resources, with fewer flights needed to transport the same volume of goods.

Additionally, the aircraft feature 10% lower noise levels than previous aircraft due to advancements in aerodynamics and engine technology, helping to further minimise the impact on communities near airports.

A more modern fleet requires less downtime, with a six-week heavy maintenance check cycle that enhances aircraft availability and reduces the environmental footprint of our operations over

These checks ensure the aircraft operate at peak performance, reducing fuel consumption and emissions. Catching any issues early prevents reducing the need for less efficient replacement emergency flights. Additionally, the extended life of these new aircraft reduces the need for much shorter flights, further decreasing fuel consumption and emissions while enabling more frequent, regional parcel deliveries.



Team Global Express

35,094 followers

4mo • 🌐

...ut our 12 new Mercedes-Benz Actros prime movers recently delivered to Team Express and in use on the eastern seaboard. The new trucks were delivered to port at Melbourne Airport as part of a large fleet upgrade.

Like all Actros trucks, the Team Global Express models feature advanced safety systems including the fifth-generation radar/camera Advanced Emergency Braking System (AEBS) called Active Brake Assist, and standard with Lane Departure Warning System (LDWS) helping to keep our drivers and the community safe

In all, we've invested in over 100 new Prime Movers in the past 12 months. Our new additions take advantage of industry-leading driver safety systems, and we're well positioned to deliver maximum reliability and the highest quality service for our customers. These trucks have incredible fuel efficiency to help us reduce our emissions.

Team Global Express partners with Aurizon to create a new rail footprint for Australia

Team Global Express (TGE) has signed an 11-year partnership with Aurizon, worth circa \$1.8bn over the 11 year period, to operate its containerised rail freight along the East-West (Sydney-Melbourne-Adelaide-Perth) and North-South (Brisbane-Sydney-Melbourne) rail freight networks.

Team Global Express, which is Australia's leading intermodal logistics provider, has partnered with Aurizon as their cornerstone customer in the containerised freight market. Aurizon will utilise seven train services for our operations.

truckaustraliapacific

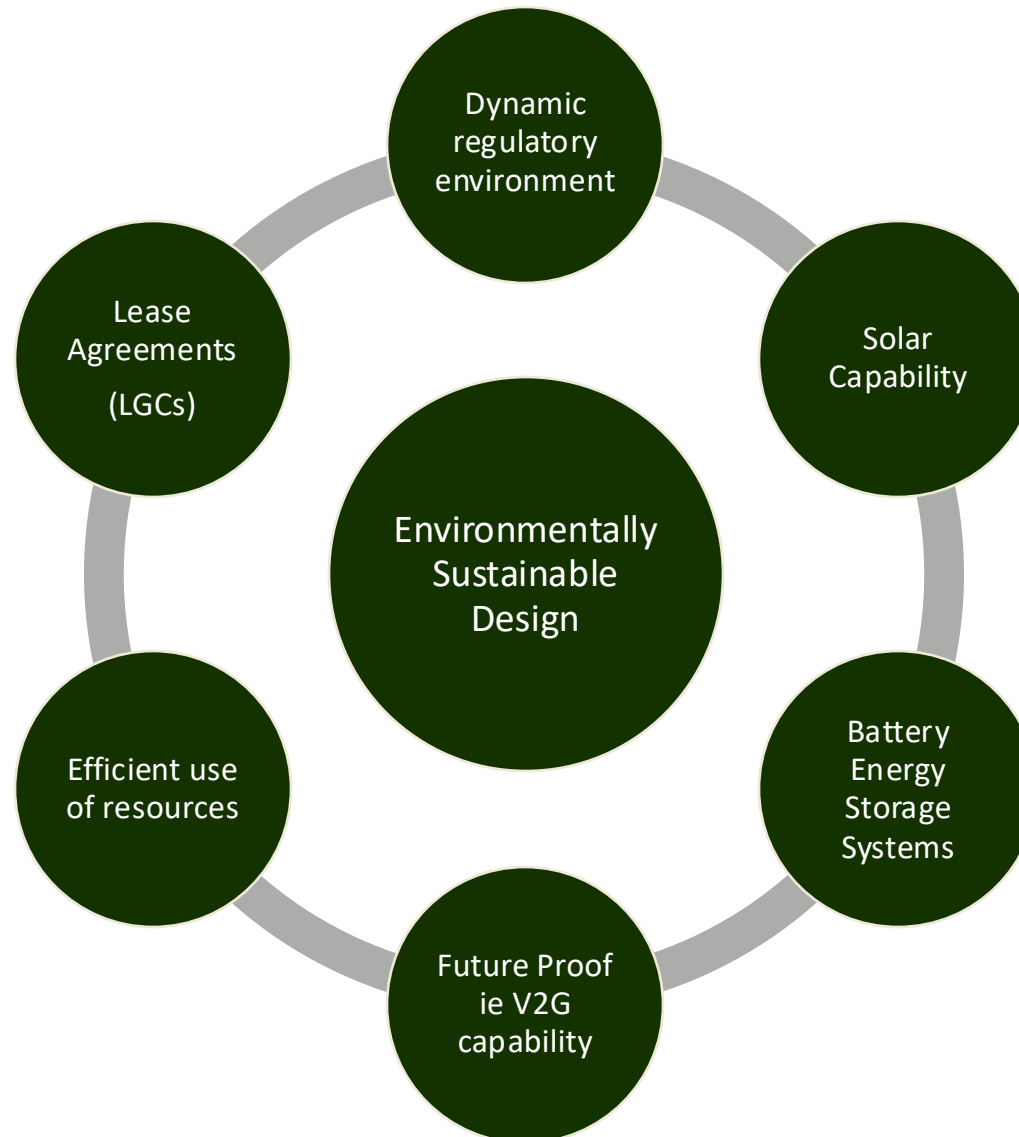


Smarter Facilities



Integration of Renewable Energy Sources

We need to build company owned renewable energy generation facilities, such as solar and battery at company owned facilities, to power electric truck charging stations and perhaps even hydrogen production facilities. We will also need to work with landlords on local installations, spot market hedging for LGCs, PPAs if required.



A Day In the Life of Bungarribee's 1MW BESS

- Avoid peak 4-8pm
- Daytime charging
- Deploy during peak

12 June 2025

Commodity saving of \$6,700

Estimated 90-100k saved in FY25

Our project partners, MTA Energy and JET Charge are now working hard on further improving our energy management.

- Targeted charge windows tailored to each truck
- Integrated telematics for live state of charge
- Forecasted energy requirements and spot market costs.

Depot of the Future Electrical Upgrades

Existing

Bungarribee Supply

2 x parallel
11kV/415V feeds

2 x 1500 kVA
transformers

MSB1/MSB2

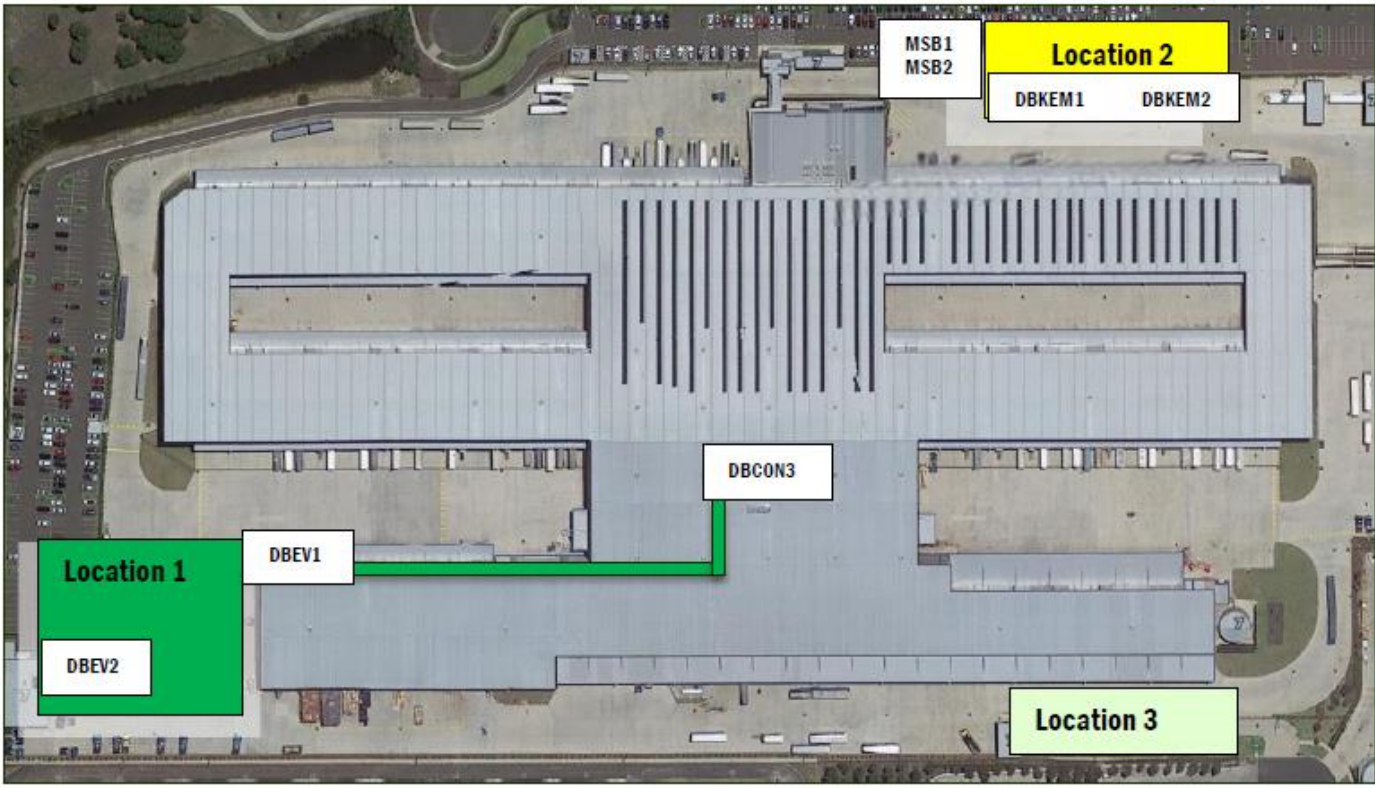
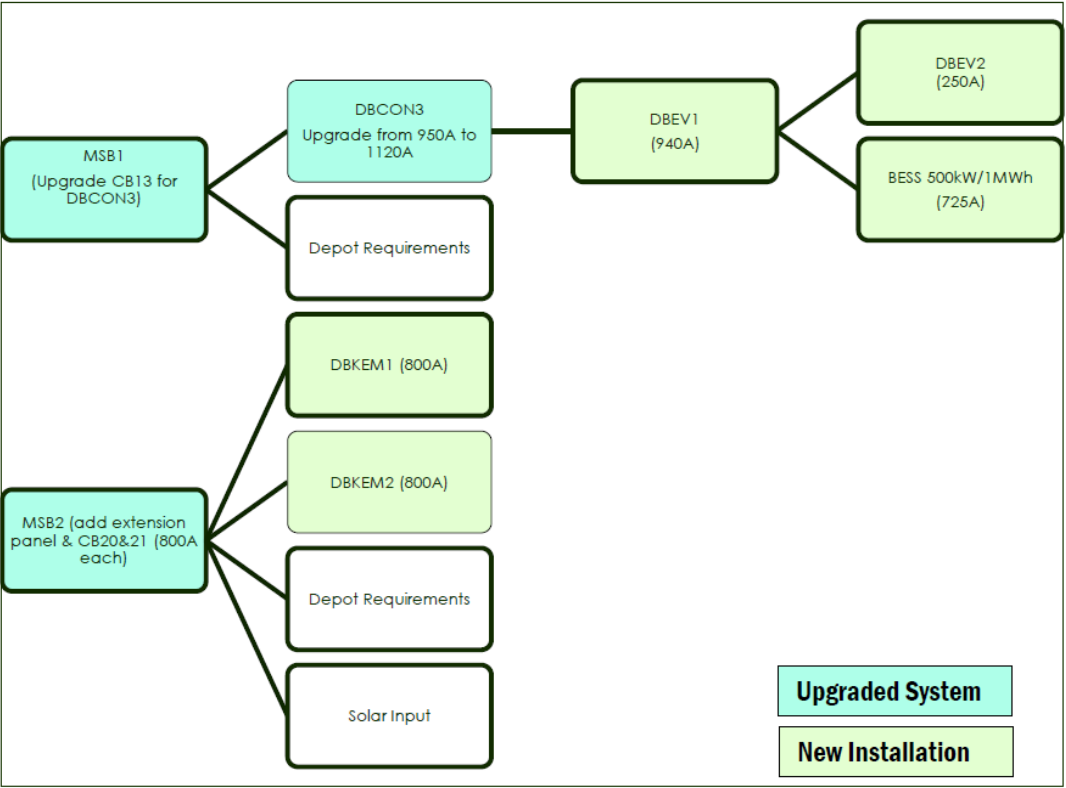
400kW Solar

25% of site demand, claims LGCs
(Large Generation Certificates)

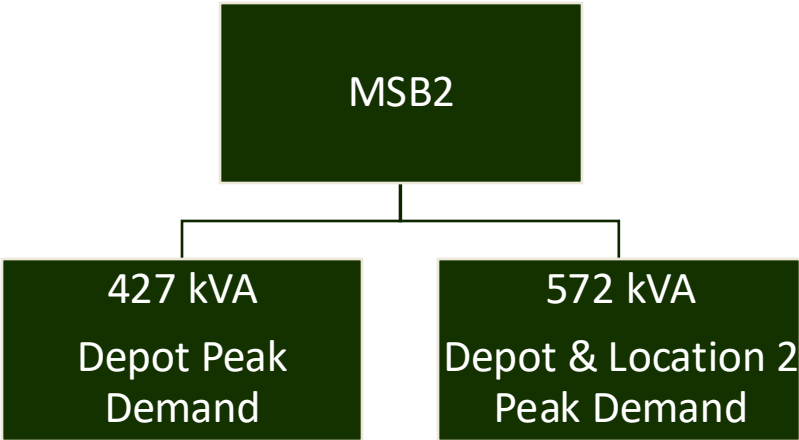
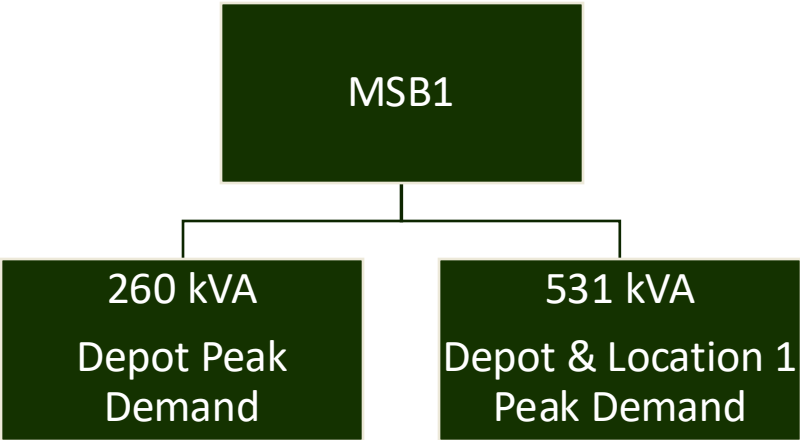
Backup

2 x 1500kW diesel
gens

Upgrades



Depot of the Future - Charge and Load Profile





Reverse alert beacon and signage

eFL only 22kw Chargers

Lane	1	2	3	4	5	6	7	8
Position	101	201	301	401	501	601	701	801
	102	202	302	402	502	602	702	802
	103	203	303	403	503	603	703	803
	104	204	304	404	504	604	704	804
	105	205	305	405	505	605	705	805

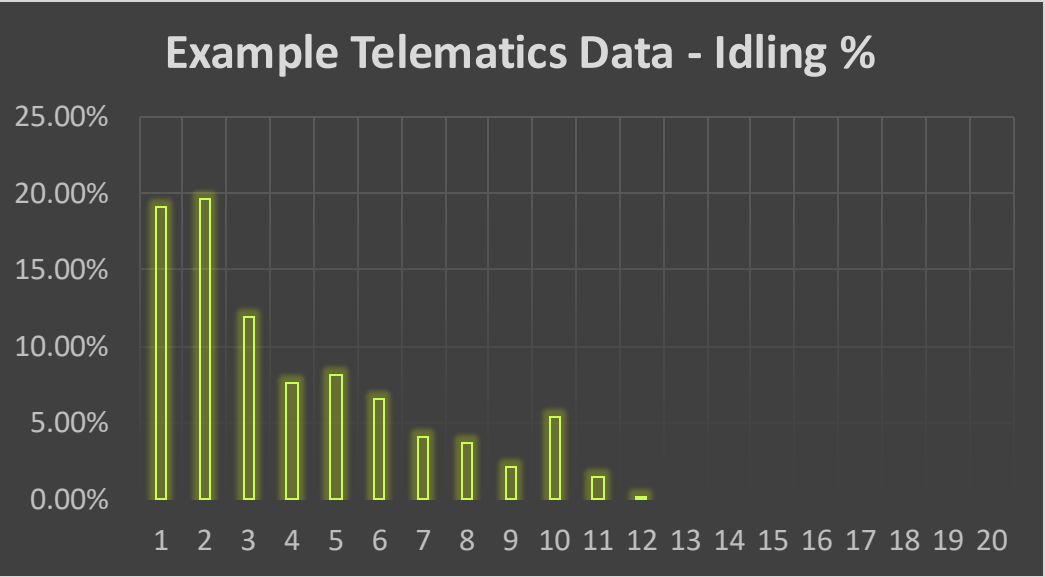
Lane	1	2	3	4	5	6	7	8
907								
906								
905								
904								
903								
902								
901								

eFL only 22kw Chargers

eCanter only 7kw Chargers

Charge Time for Volvo eFL with available battery storage of 205kWh															
1 x eFL 150kw/hr charge				1 x eFL 150kw/hr charge				2 Trucks - Approx. 1.4hrs							
133kWh				133kWh				3 Trucks - Approx. 1.5hrs							
100kw/hr		100kw/hr		100kw/hr		100kw/hr		4 Trucks - Approx. 2hrs							
50 kw/hr	50 kw/hr	50 kw/hr	50 kw/hr	50 kw/hr	50 kw/hr	50 kw/hr	50 kw/hr	8 Trucks - Approx. 4hrs							
KEM1 400kW								KEM2 400kW							
Bay 01	Bay 02	Bay 03	Bay 04	Bay 05	Bay 06	Bay 07	Bay 08	Bay 09	Bay 10	Bay 11	Bay 12	Bay 13	Bay 14	Bay 15	Bay 16
FUSO eCanter can accept a maximum DC charge of 50kW.															
With an available battery storage of 66kWh the eCanter would charge in approx. 1.3hrs															

Smarter Drivers



1 Aug 2025 (00:00) - 31 Aug 2025 (23:59) / TEAM GLOBAL EXPRESS PTY LTD / Vehicles (36)

Created on 16 Sept 2025, 11:07

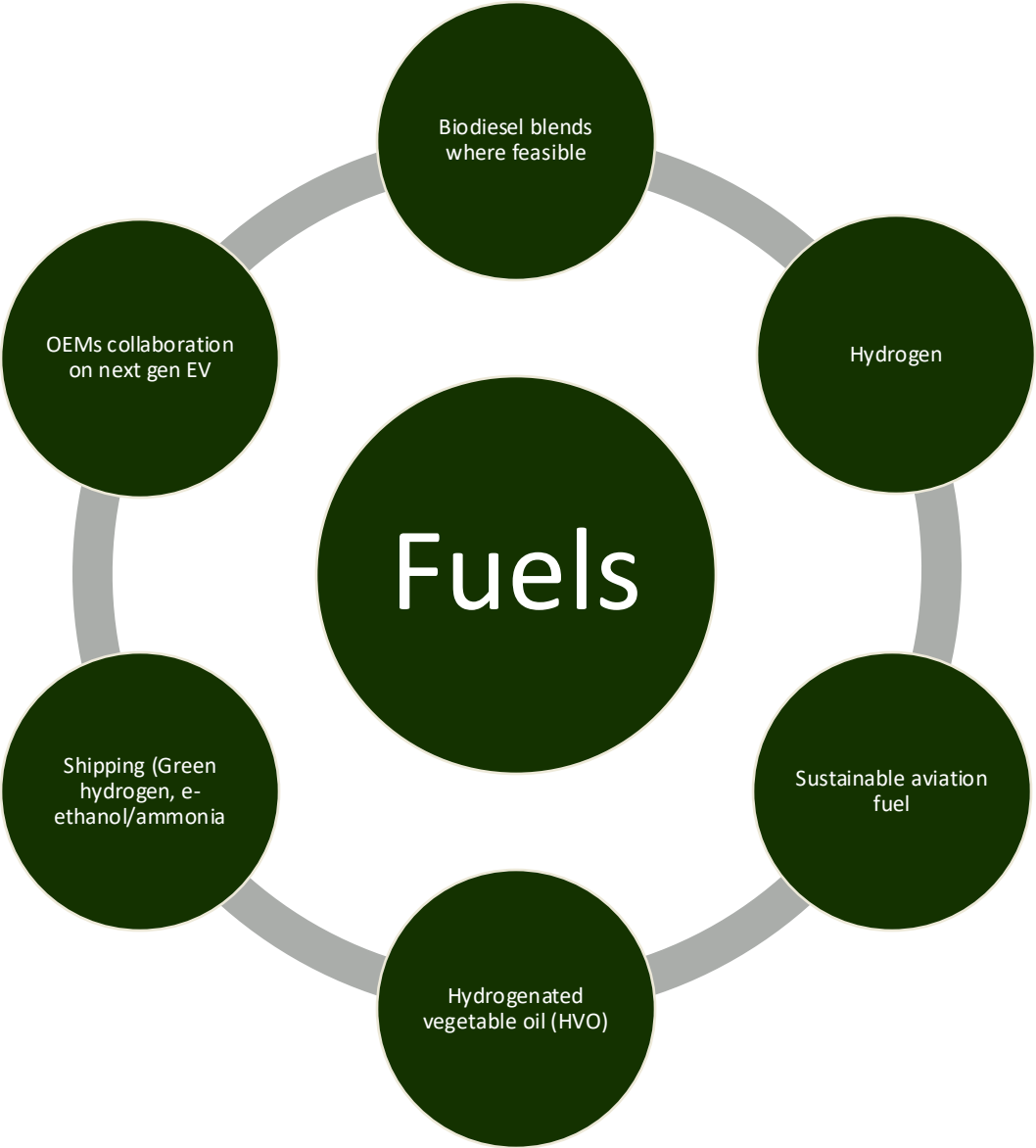
Assets	Fuel & Energy	Distance	Fuel & Energy				
Vehicles	Energy consumed excl. while charging (kWh)	Total distance (km)	Avg energy consumed excl. while charging (kWh/100km)	Propulsion (kWh)	Auxiliaries (kWh)	PTOs (kWh)	Regeneration (kWh)
	Δ						
Summary	40,065.96	53,807.68	74.46	44,015.19	7,099.56	0.00	11,048.89

Smarter Fuels



Renewable Diesel

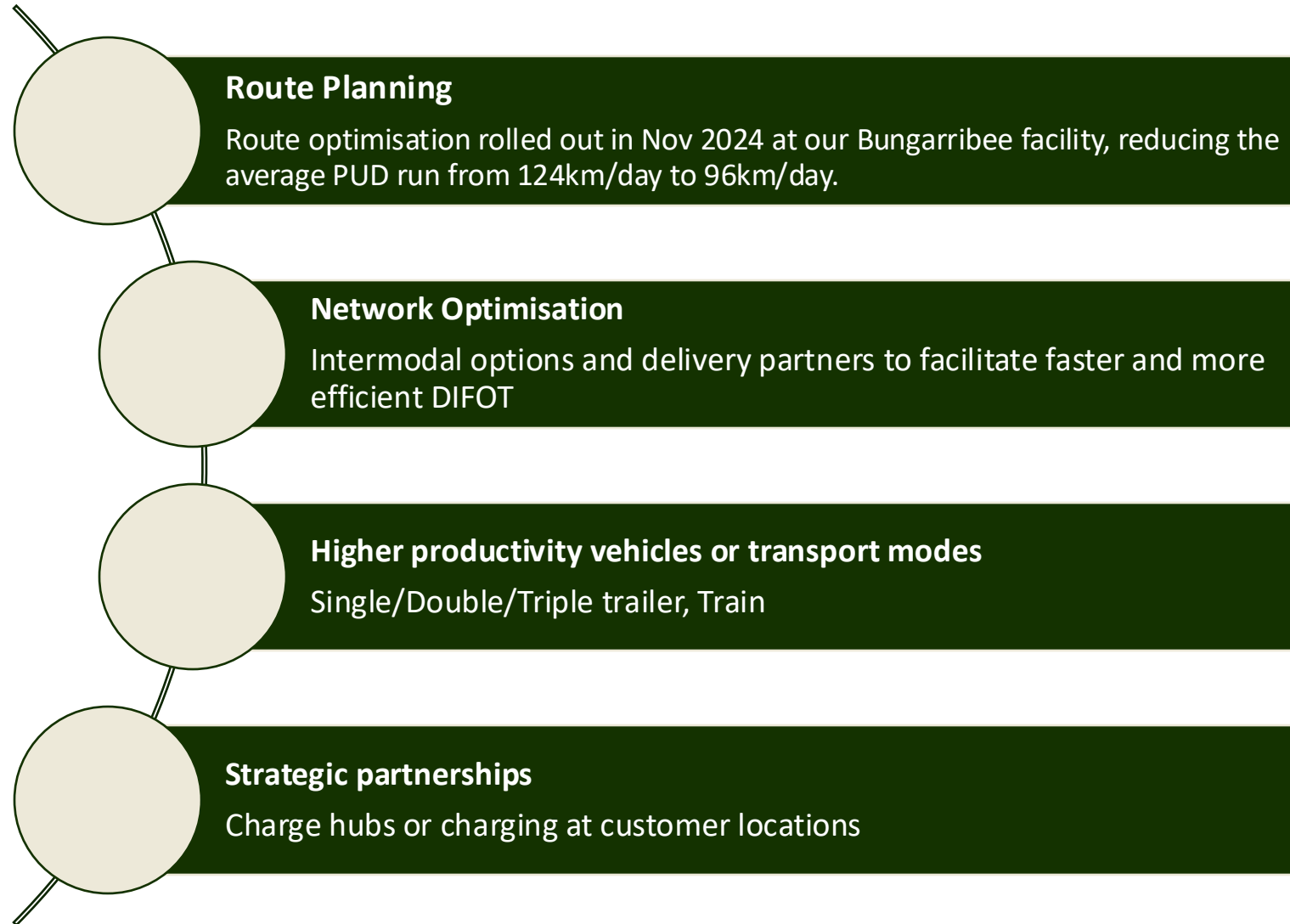
We must have renewable diesel. We need to encourage the adoption of renewable diesel as an interim solution for existing diesel-powered trucks. It can be used as a drop-in replacement with no modifications. We need to work with government on the production locally and the uptake so as to drive down the cost, such as establishing policies that require a certain percentage of diesel fuel to be derived from renewable sources, incentivizing the growth of renewable diesel production.



Liquid Hydrogen Fuel Cells

Probably towards the end of this decade we will see liquid hydrogen fuel cell vehicles coming into play and logically for our longer distance routes, heavier payloads. We will need to collaborate with industry around the investment in research and development to advance the efficiency and affordability of FCEVs for heavy trucks, and also with providers to establish pilot projects for hydrogen refueling stations along strategic transport corridors.

Smarter Planning



Work Smarter, Not Harder

Team Global Express is transitioning to one telematics platform. Streamlining the telematics in our trucks to facilitate more efficient planning and data analytics to support efficient driver training.

You don't need to solve everything at once.
Small, strategic steps—little bites of the apple—can collectively move
businesses closer to their sustainability goals.

