

# GREEN METRO NORTH SUSTAINABILITY IMPLEMENTATION PLAN



# TRANSPORT

## OUR GREEN INITIATIVES



Metro North Health is working toward making our health service greener and cleaner for our staff, our patients and our communities.

**We want to be the sustainability leader for the health industry and have a clean and green transport fleet.**

By reducing our environmental footprint and making our hospitals greener we can contribute to a brighter future for a healthier and more sustainable tomorrow. We are taking positive steps to enhance energy efficiency and to reduce waste. We are putting a range of actions for sustainable change into play across our six green initiative areas and will be supported by implementation plans to take action now.

**100%** OF OUR PASSENGER VEHICLES TO ZEVs BY 2026

**50%** RENEWABLE ENERGY BY 2030

**70%** RENEWABLE ENERGY BY 2032

**80%** RENEWABLE ENERGY BY 2035

**ZERO NET EMISSIONS BY 2050**

## DRIVING TOWARDS SUSTAINABILITY | Cleaner and greener fleet

## OUR SUSTAINABILITY OBLIGATIONS

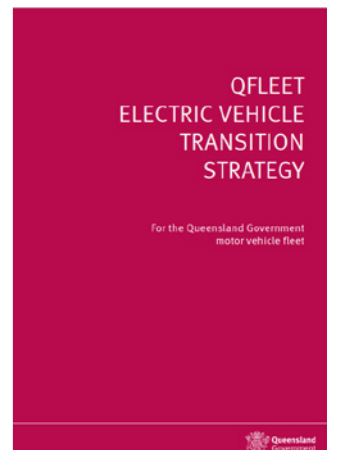


We are gearing up to a zero-emissions vehicles strategy.

Metro North Health introduced Queensland Health's first zero emission vehicle (ZEV) and we are transitioning our fleet to 100% of our passenger vehicles to ZEVs by 2026. This is just one of our actions to reduce transport-generated emissions.

We are prohibiting the new purchase or lease of internal combustion engine powered vehicles where there is a zero-emissions alternative that is fit for purpose.


We aim to reduce carbon emissions in relation to transport, how we use our vehicles to do our work and support active communicating among our workforce and increase use of and access to public transport for staff, patients and visitors.



Metro North Health





	WHAT WE ARE DOING	STATUS	OUTCOME
1	Transition to zero-emission vehicles (ZEV)	Underway	<ul style="list-style-type: none"> <li>Leasing and purchasing zero or low emission vehicles across all transport categories.</li> </ul>
2	Passenger fleet 	Underway and above targets	<ul style="list-style-type: none"> <li>MNH fleet size is 384 vehicles (Feb 2022) of which 82% represent passenger vehicles.</li> <li>Transition 100% of passenger vehicles to zero-emission vehicles by 2026. ZEV fleet is growing (65 ZEVs at June 2023) and exceeding our FY target. Current volume amounts to removing almost 210 tonnes CO2 emissions each year from the environment.</li> <li>Consultation with Fleet Managers, Facility Services Directors and BEMS Managers to develop site specific EV transition plans.</li> <li>Site audit to determine electrical infrastructure needed to support EV charging infrastructure.</li> <li>Internal audit to review fleet utilisation.</li> </ul>
3	Commercial fleet	Underway	<ul style="list-style-type: none"> <li>Commercial vehicles make up 15% of the MNH fleet and 60% of the commercial vehicles are diesel.</li> <li>Explore options once ZEV models are available through QFleet.</li> </ul>
4	Utility Terrain Vehicles (UTVs)	Underway	<ul style="list-style-type: none"> <li>Transition all exiting diesel powered UTVs (BEMS Buggies, CMS UTV) to zero-emissions electric alternative</li> </ul>
5	Motorcycles	TBC	<ul style="list-style-type: none"> <li>Replace the six petrol motorcycles used by Protective Services at RBWH and Rosemount with battery electric motorcycles.</li> </ul>
6	Other vehicles/equipment (also see Energy Implementation Plan)	Completed	<ul style="list-style-type: none"> <li>Transition from diesel and petrol specialised vehicles and equipment Ride-on mowers, road sweepers, scissor lifts and elevated platforms.</li> </ul>

	MNH SUSTAINABLE DESIGN GUIDELINES – TRANSPORT INITIATIVES	OUTCOME
7	Adaptive carpark design	<ul style="list-style-type: none"> <li>0% of carparking spaces for low-emission vehicles.</li> <li>5%+ ZEV charging stations for public carparks.</li> <li>For multi-storey carparks at larger facilities 10 bays for ZEV charging.</li> <li>100% fleet carparks to be provided with ZEV chargers or future proofing for installation of ZEV charging infrastructure.</li> </ul>
8	End of trip facilities	<ul style="list-style-type: none"> <li>Safe and convenient bicycle/pedestrian access separated from cars where practical and connected with surround routes and bicycle paths.</li> <li>Secure bicycle parking for 7.5% staff.</li> <li>Secure visitor bicycle parking (as per Green Star Building requirements).</li> <li>Investigate e-scooter as a mode of transport for inter-campus travel and storage/charging for personal e-bikes.</li> </ul>
9	Improved access to public transport	<ul style="list-style-type: none"> <li>Explore and implement strategies to reduce dependence on private vehicle use for staff, patients and visitors.</li> </ul>
10	Improved pedestrian safety and walk ability	<ul style="list-style-type: none"> <li>Integration of ride share bays.</li> <li>Consideration of car-free pedestrianised zones.</li> <li>Low speed zones.</li> <li>Wayfinding.</li> <li>Footpath widths (to support mobility aids).</li> <li>Lighting.</li> </ul>