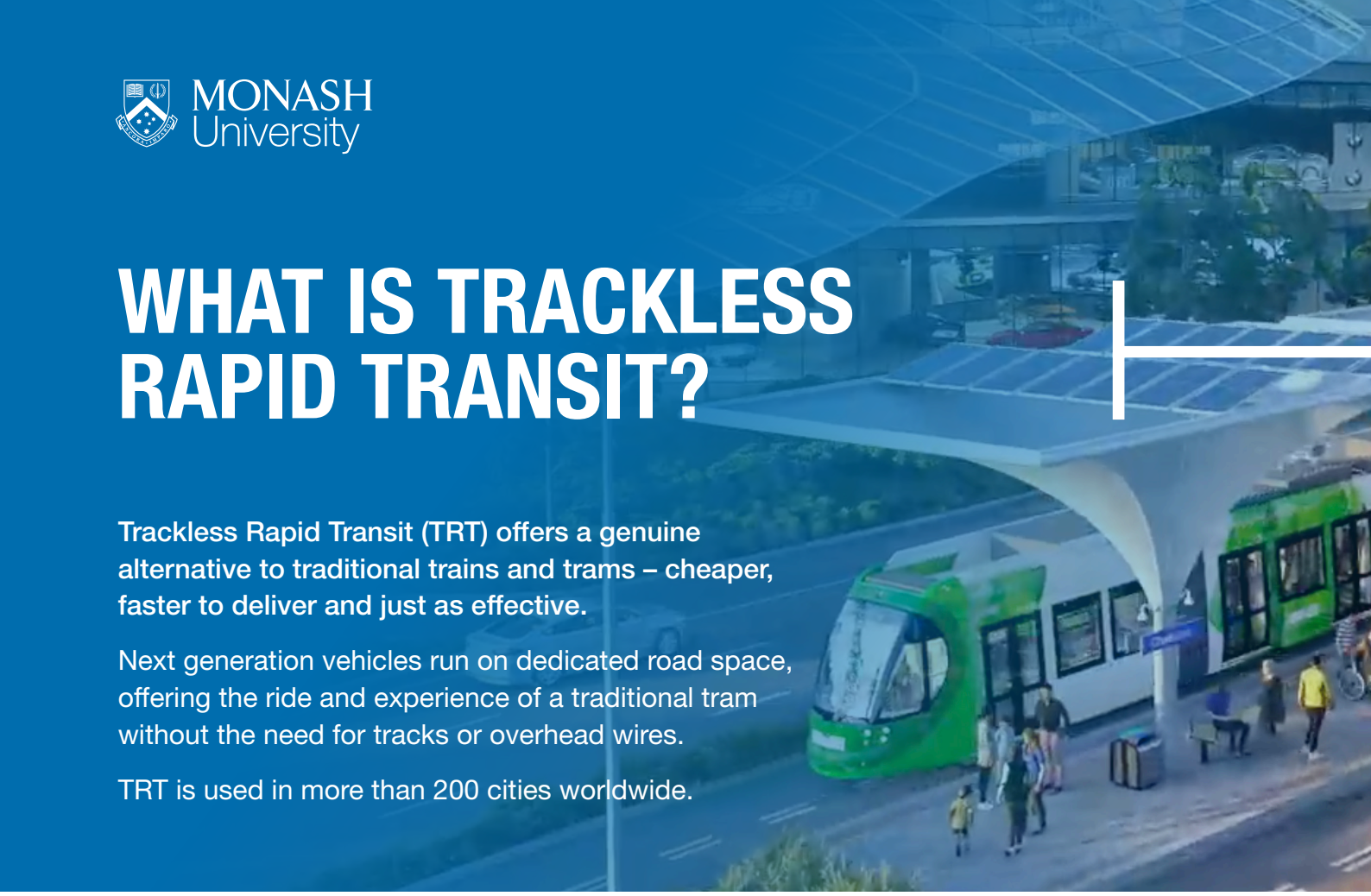
MONASH University

WHAT IS TRACKLESS RAPID TRANSIT?



Trackless Rapid Transit (TRT) offers a genuine alternative to traditional trains and trams – cheaper, faster to deliver and just as effective.

Next generation vehicles run on dedicated road space, offering the ride and experience of a traditional tram without the need for tracks or overhead wires.

TRT is used in more than 200 cities worldwide.

KEY FEATURES

Dedicated lanes

Running in dedicated lanes, TRT offers a fast and reliable service

No overhead wires

TRT does not need overhead wires, unlike traditional trams

Battery-powered

TRT vehicles run on batteries, charging overnight and at key stops

Trackless

TRT does not require tracks and can run on existing roads, with minimal upgrades

Ride stability

Next generation vehicles provide a smooth ride, just like a train or tram

High capacity

Each TRT vehicle can carry 150+ passengers

Accessible

Modern platforms allow for safe and easy access

Fast

TRT can reach speeds of up to 75km/h

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BENEFITS OF TRACKLESS RAPID TRANSIT

Quick to build: TRT systems can be built 2-3 years faster than a new tram line

Cost effective: A TRT system is about half the cost of a new tram line, and less than a quarter of the cost of a new train line

Flexible: With no need for tracks or wires, TRT can reach destinations traditional trams and trains can't, and more easily connect to the existing transport network

Less disruption: A simpler and faster build means less network disruption during construction.

TRT TECHNOLOGY

The latest in TRT technology is the trackless tram.

Trackless trams are a hybrid technology that use rubber wheels and are powered by rechargeable batteries. These high-capacity vehicles deliver a smooth, fast, reliable ride along dedicated lanes.

Trackless trams deliver all the benefits of a traditional tram, without the need for expensive tracks and overhead wires.

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For more information, visit monash.edu/trackless-rapid-transit

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