



# CASE STUDY: Brisbane Metro



**International Association for Public Participation**  
Multi award winning; Brisbane City Council -  
Brisbane Metro project

- Infrastructure (Planning and Design) - winner
- Australasian Project of the Year - winner
- International Project of the Year - honourable mention

## Setting new standards for accessibility and comfort

Designed in Switzerland and tested in Brisbane, HESS' lighTram® 25 is Australia's first bi-articulated, high-capacity electric vehicle. HESS is delivering 60 vehicles for Brisbane City Council's turn-up-and-go Brisbane Metro project – a new era of connected travel.

## Delivering inclusive public transport

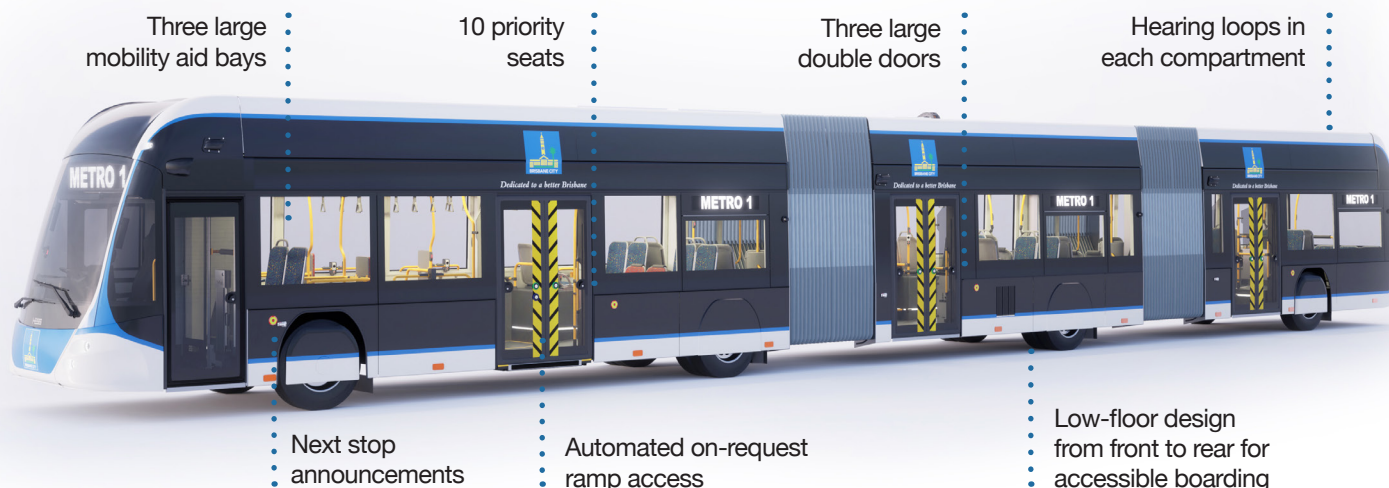
Through a unique co-design process with the accessibility sector, led by Brisbane City Council in partnership with HESS, the metro vehicle design has evolved. This process involved creating both a virtual 3D model and life size mock-up of the first compartment, enabling people with accessibility requirements to provide feedback that structurally changed the vehicle design.

After incorporating feedback, the pilot metro was designed and arrived in April 2022 for testing across greater Brisbane.

Accessibility testing by advocates and users with lived-experience included mobility bay maneuverability, automatic ramp access and onboard customer features. A further 60 design amendments were identified and will be implemented across the metro fleet (60 vehicles).

Not only do the vehicles exceed compliance with relevant accessibility acts and standards but better reflect diverse needs and feedback of the community.

## An elevated public transport experience



The lighTram® 25 offers a quiet, efficient and sustainable high-capacity public transport solution where carrying capacity exceeds conventional bus limits.

To find out more about the lighTram® 25 visit <https://www.hess-ag.ch/contact/hess-australia.html?L=2>