



TRAFNIDIAETH CYMRU  
TRANSPORT FOR WALES

# Welsh Transport Conference

29 November 2018



Mae Trafnidiaeth Cymru yn eiddo i  
**Lywodraeth Cymru**  
Transport for Wales is owned by the  
**Welsh Government**

# Our Purpose

To keep Wales **moving** by

delivering **customer-focused**

services, expert advice and

**infrastructure** investment



# Our Structure

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Welsh Government

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Transport for Wales

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Transport for Wales Rail  
Services



# Our Strategic Goals include...

- Reinvestment
- Integration
- Pan-Wales
- Connecting communities
- 'Prosperity for All'
- Improved air quality





## Aligned with Well-being of Future Generations Act

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- Energy for stations and the overhead wires will come from **100%** zero carbon energy, with **50%** sourced in Wales
- Supporting **sustainable**, socio-economic development through our procurement approach
- Developing **1500** additional park and ride spaces across Wales to encourage rail travel



# What is Happening?



# Station Improvement Fund

Investing almost **£200m** in **improvement** works across all rail services stations, in addition to the CVL transformation **programme**, including:

- **£40m** to upgrade and enhance station facilities
- **£20m** to improve the station catering and retail offer
- **£15m** to improve **accessibility**
- **£15m** to provide **1,500** new parking spaces
- **£10m** fund to provide **community** space at stations
- **£15m** for new ticket machines, Smart Ticketing equipment
- **£10m** to provide **free** WiFi at all stations



## End 2019

North Wales and Borders lines  
hybrid-power trains

New services Chester-Liverpool  
Refurbished trains – extra capacity  
to valley lines

## End 2021

Pay-as-you-go ticketing

Free Wi-Fi

Ebbw Vale-Newport services

## End 2023

The Cardiff Bay line extended with  
new station at Loudoun Square

Frequent Sunday/evening services

North Cambrian Line extra services

## End 2018

Station deep clean and  
rebranding begins

## End 2020

Community Ambassadors bring  
railway closer to communities

New fare initiatives with better  
fares for 12-18 year olds

## End 2022

New trains improve standards on  
some services

New Metro Vehicles

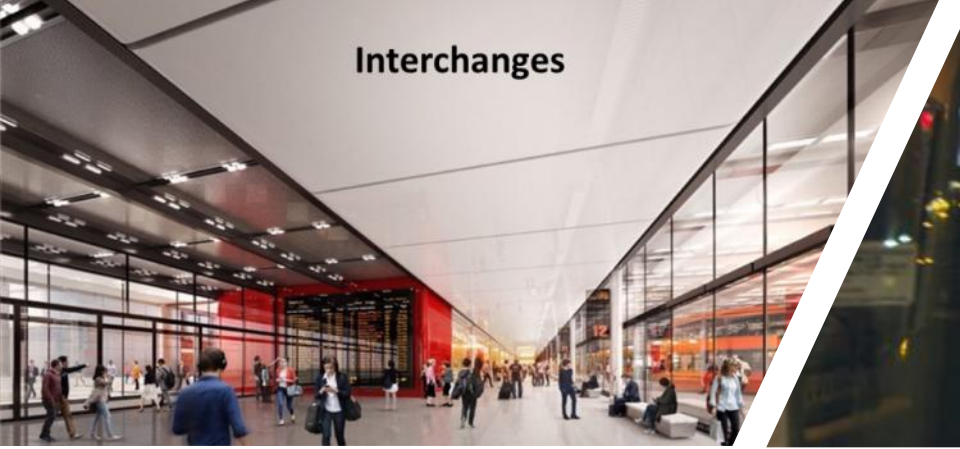
New on-board infotainment  
service launched



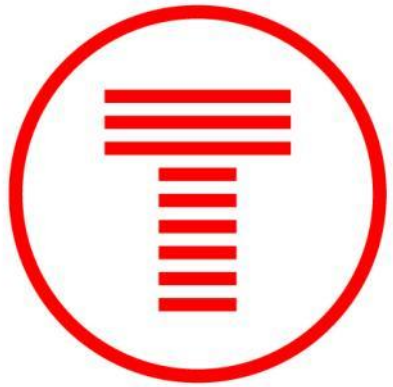
# Metro and Wales and Borders



Interchanges



Bus Rapid Transit



What is  
Metro?

Heavy & Light Rail



Active Travel

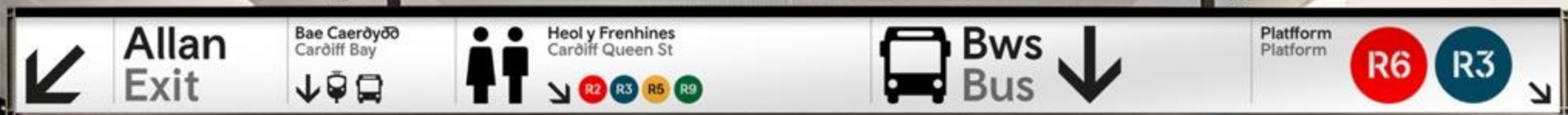


# Integrated services

- Promoting active travel
- New bus and rail interchanges
- Improving signage to promote onward travel by public transport
- Smart ticketing
- 1500 new parking spaces to encourage park and ride







Easy to understand, integrated transport signage  
rolled out





Why is Metro  
Important?



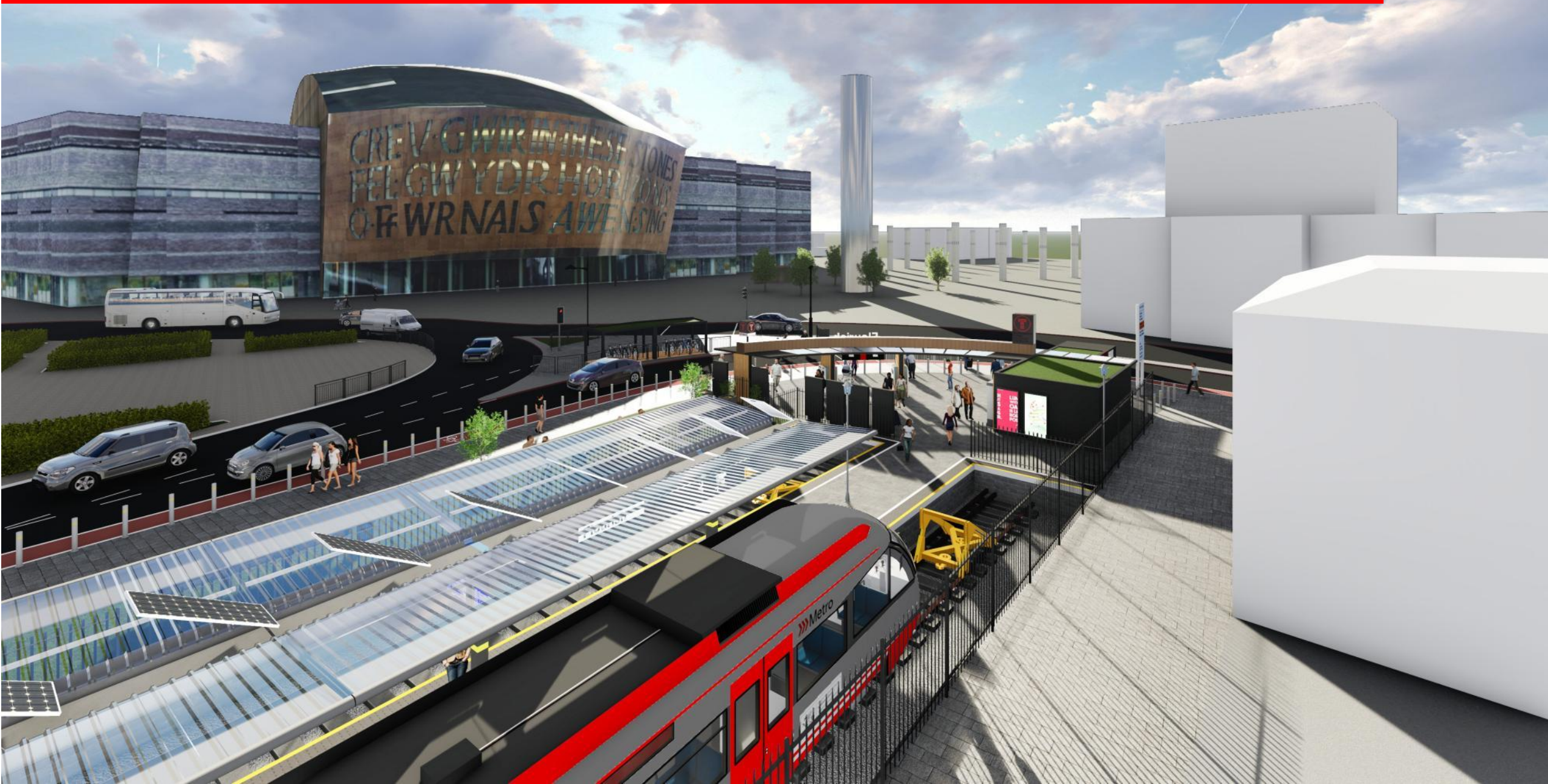
# Metro area transformation

- Station transformation and delivery of new stations
- Ticketing **Technology** and **fares**
- Level boarding





# South Wales Metro



# Tri-Modes

Diesel/Electric/Battery Tri-mode trains for Rhymney/Coryton <> Penarth/Barry Island/Bridgend via Vale of Glamorgan

- 7 x 3 car and 17 x 4 car **trains**
- Main power source 25kV overhead line with **battery** and **diesel** engine
- Capacity of up to **425** with up to **191** seats
- 100% **electric operation** on transferred metro network
- Plus 11 Flirt DEMUs for SW Metro





# Metro Vehicles

Electric LRVs for Treherbert/Aberdare/Merthyr Tydfil <> Cardiff Central/Bay

- 36x40m articulated Metro vehicles that can be coupled to form **80m trains**
- Main power source **25kV overhead line** and battery operation
- Capacity of **257** with seats for **129**
- Capable of on-street **line-of-sight** 'tramway' operation



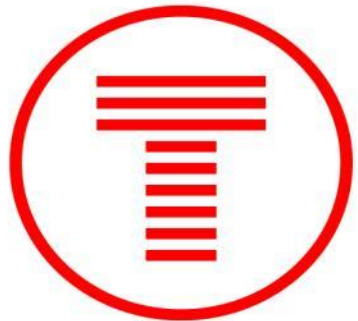


# Pan Wales

- Transformation **across Wales**, not just the Metro area
- Every train in Wales will be **replaced**, through an £800m investment
- 95% of journeys will be made on **brand new trains**
- More than **50%** of those to be **assembled in Wales**







Wales and Borders

# North Wales

- Modernisation
- Opportunity
- Economic Growth





# South West and Mid Wales

- Modernisation
- Additional  
services
- Economic Growth



# South East Wales

- Modernisation
- Simplify fares
- Journey times



# Borders

- Modernisation
- New Services
- Reduced fares







Seamless Wi-Fi from station to train, additional 4G masts to cover 47 "not spots" plus on-board infotainment across the network from 2022

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Over 600 new jobs  
directly created  
plus 450  
apprenticeships



# The ONE TEAM Approach



#journeybegins





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# Our Journey has started...



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# Q & A

