

METRO BAE ABERTAWE AGORLLEWIN CYMRU SWANSEA BAY & WEST WALES METRO





17 GORFFENNAF 2023
17 JULY 2023

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RAIL PROGRAMME

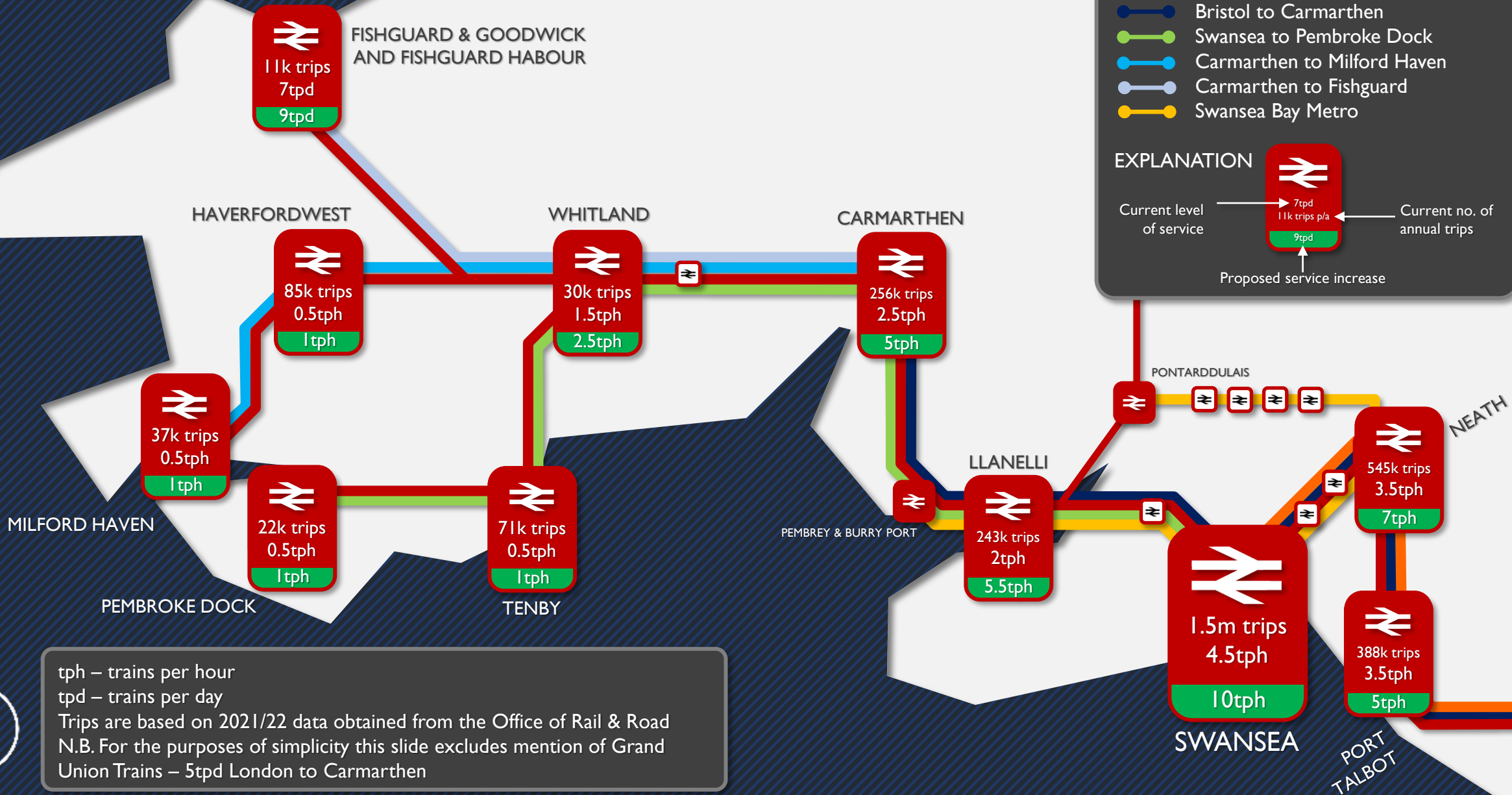


-  - South Wales Main Line
-  - West Wales Services
-  - Swansea Bay Area Metro
-  - Interchange



RAIL PRIORITIES FOR WEST WALES

Summary of Route Options & Frequency






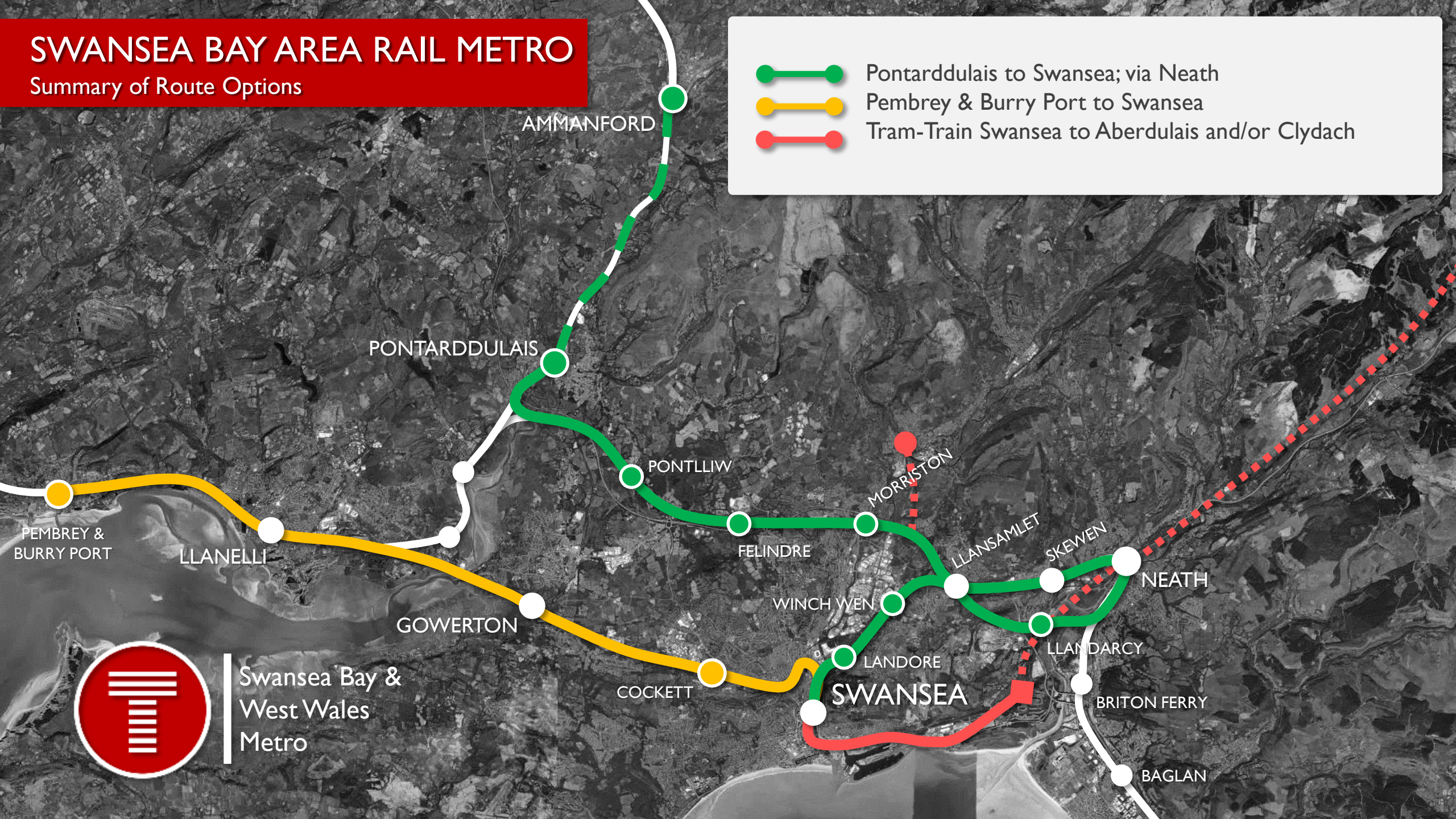
tph – trains per hour
 tpd – trains per day
 Trips are based on 2021/22 data obtained from the Office of Rail & Road
 N.B. For the purposes of simplicity this slide excludes mention of Grand Union Trains – 5tpd London to Carmarthen



SWANSEA BAY AREA RAIL METRO

Summary of Route Options

-  Pontarddulais to Swansea; via Neath
-  Pembrey & Burry Port to Swansea
-  Tram-Train Swansea to Aberdulais and/or Clydach



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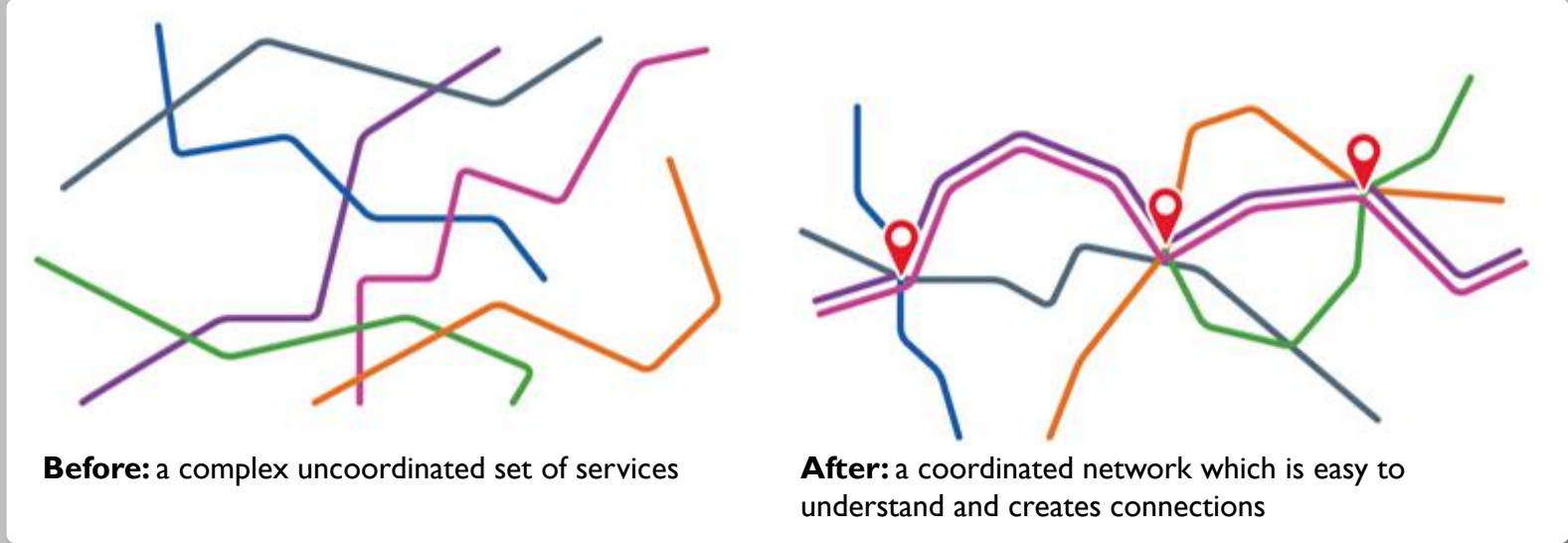
BUS PROGRAMME



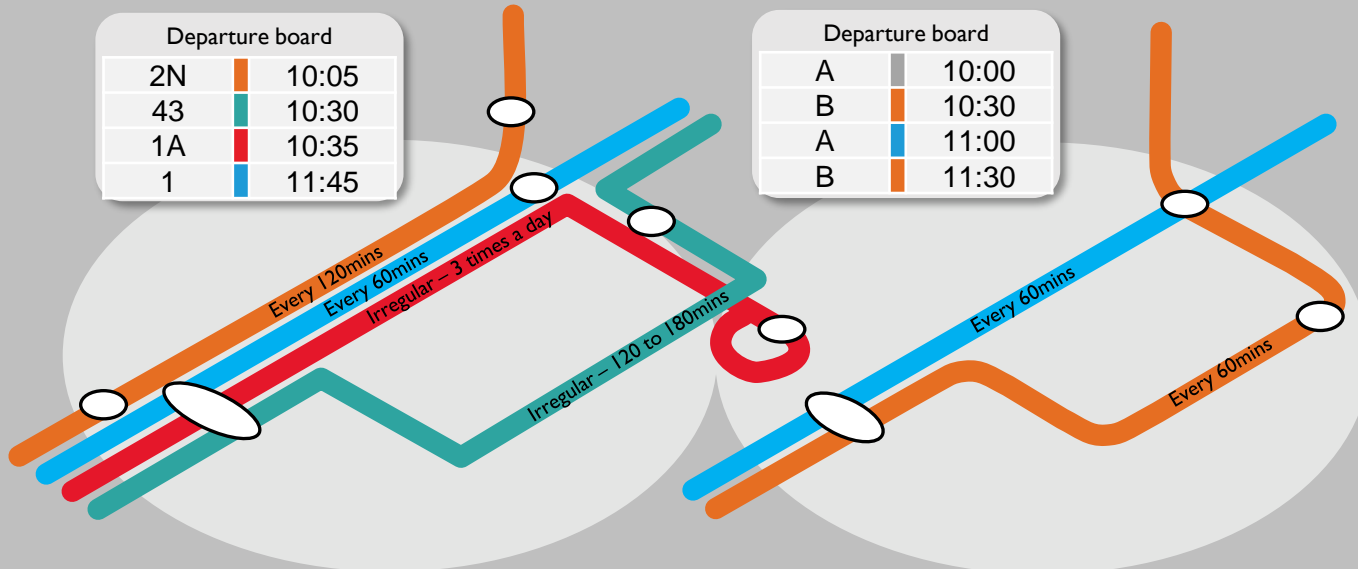
Bus Network Review

Overview

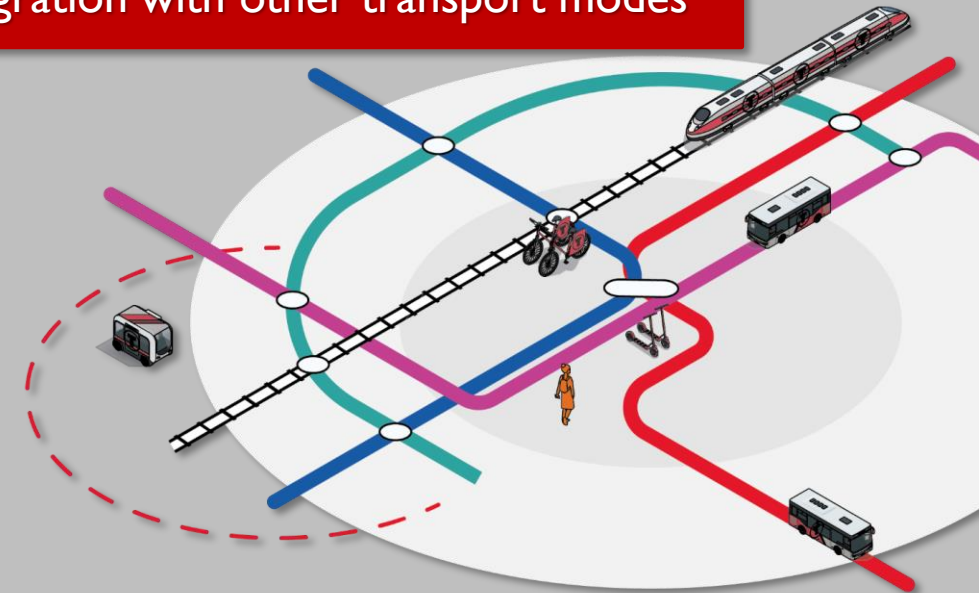
Optimisation of the Bus Network



Reducing duplication to improve service efficiency



Integration with other transport modes



PLANNING BUS SERVICES TO CREATE A JOINED UP AND COORDINATED NETWORK



1. Plan a single unified network



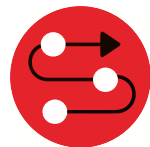
2. Establish a core network, connecting key destinations



3. Secondary local and feeder services around the core



4. Service directness for core bus lines



5. Consistent service line route



6. Coordination of services on common corridors



7. Integration and co-ordination of services with convenient transfer and waiting times



8. Clock face departures



9. Consistent operating hours



Bus Decarbonisation

Overview

BUS CORRIDOR & DECARBONISATION STUDY AREAS

-  Fuel Cell Electric Vehicle (FCEV)
-  Battery Electric Vehicle (BEV)



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Swansea Bay Hydrogen Bus Project

Overview



SINGLETON HOSPITAL

SWANSEA UNIVERSITY
SINGLETON CAMPUS

SWANSEA
CITY CENTRE

SWANSEA UNIVERSITY
BAY CAMPUS

GATEWAY 2 ZERO

HYDROGEN
RESEARCH CENTRE

NEATH

PORT TALBOT

CARDIFF UNIVERSITY GAS
TURBINE RESEARCH CENTRE

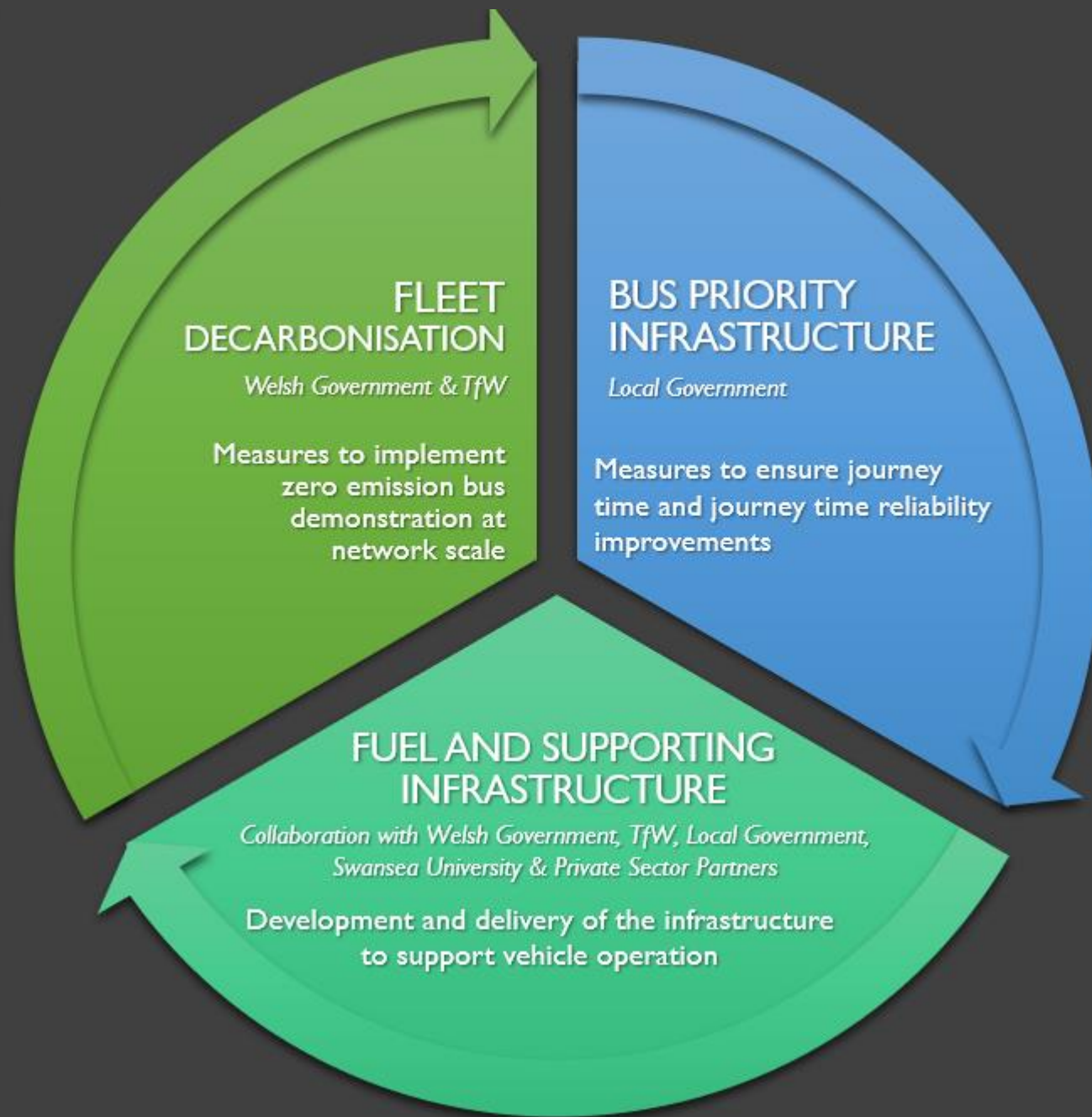
BOC MARGAM

REGIONAL
HYDROGEN
BUS DEPOT

GATEWAY 2
ZERO

HYDROGEN
PRODUCTION
& RESEARCH

Proposed Project Structure





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