# SWANSEA BAY & WEST WALES METRO

UPDATE TO CJC TRANSPORT SUB COMMITTEE 10<sup>TH</sup> JULY 2023

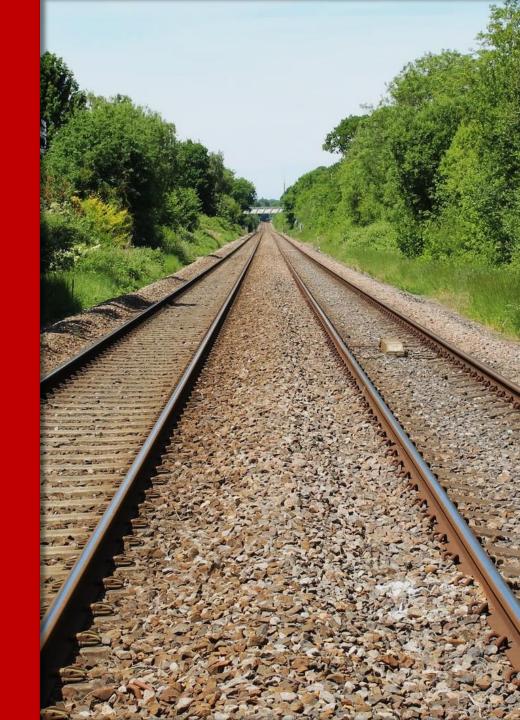
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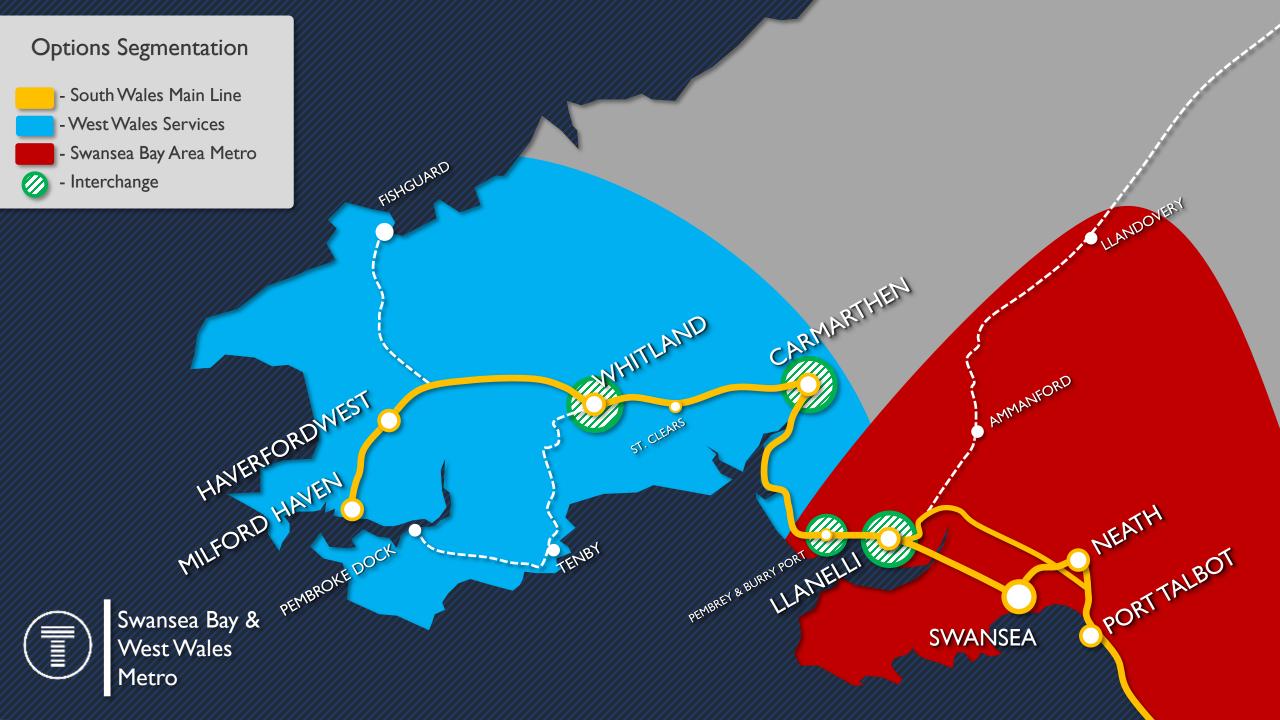


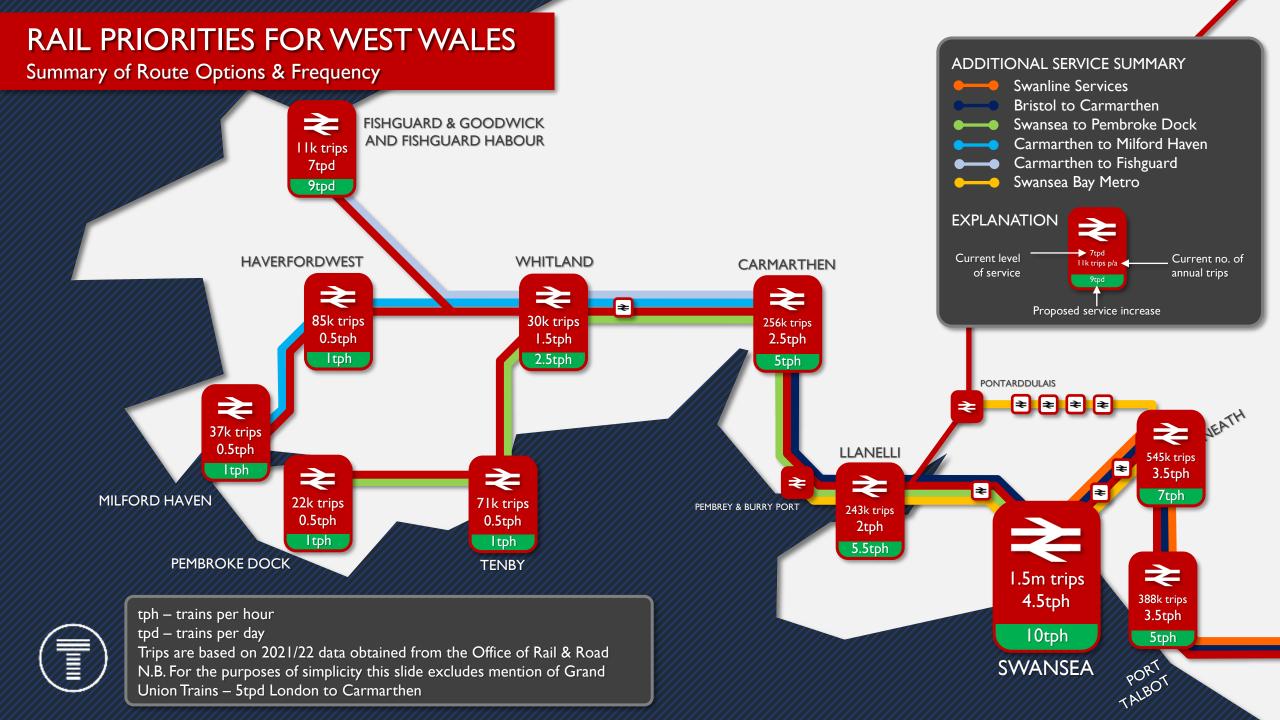


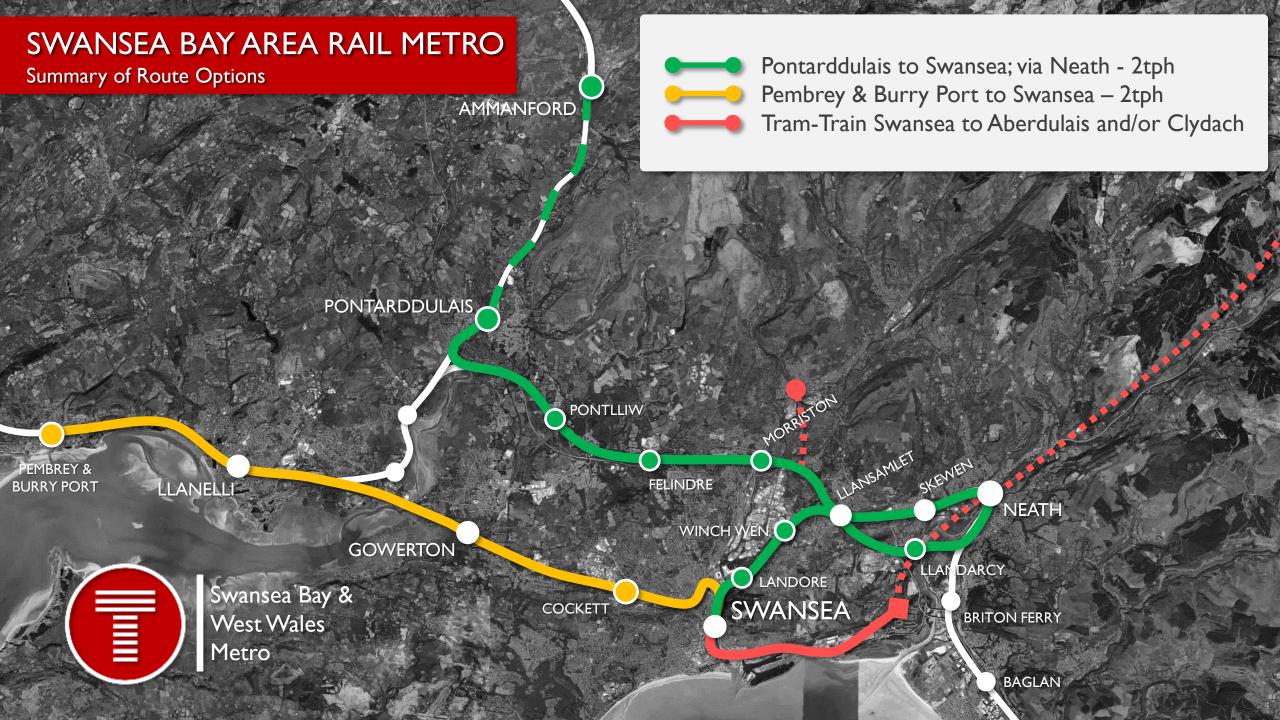
## RAIL PROGRAMME





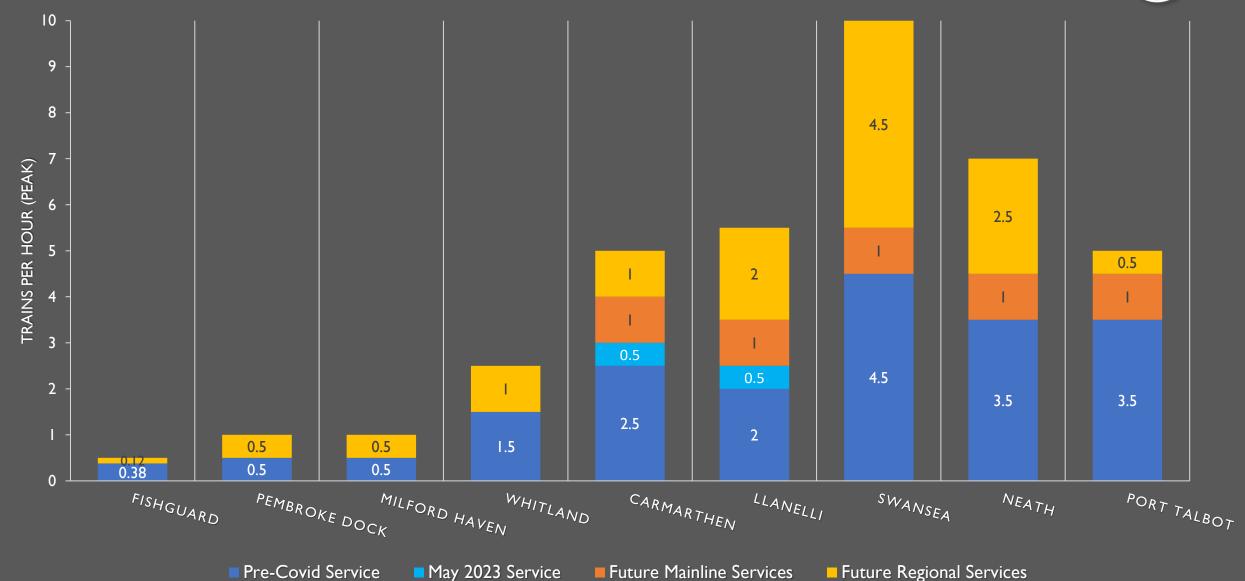












#### Rail Investment Priorities for South West Wales

South Wales Mainline	Infrastructure	Services	Delivery timescale
West Wales to Bristol TM (Direct)		✓	2- 3 years
Mainline Capacity & Speed Improvements	✓		5-10 years
Cardiff to Swansea Electrification	✓		5-10 years
Swansea Bay Area Metro	Infrastructure	Services	Delivery timescale
12. Swansea – Pontarddulais; via Neath	✓	✓	5-7 years
I 3. Swansea – Pembrey & Burry Port	✓	✓	5-7 years
Electrification: Swansea District Line and SWML to Pembrey & Burry Port	✓		5-7 years
18. Swansea – Swansea Docks – Neath Riverside	✓	✓	7-10 years
19. Swansea – Llandarcy – Clydach	✓	✓	7-10 years
West Wales Rail Frequency	Infrastructure	Services	Delivery timescale
9a. Swansea – Pembroke Dock (Uplift to hourly, limited stop)		✓	2-3 years
Cardiff/Carmarthen to Haverford West Milford Haven (Uplift to hourly)		✓	2-3 years
Carmarthen – Fishguard (Uplift to 2 hourly)		✓	2-3 years
St Clears Station	✓		2-3 years

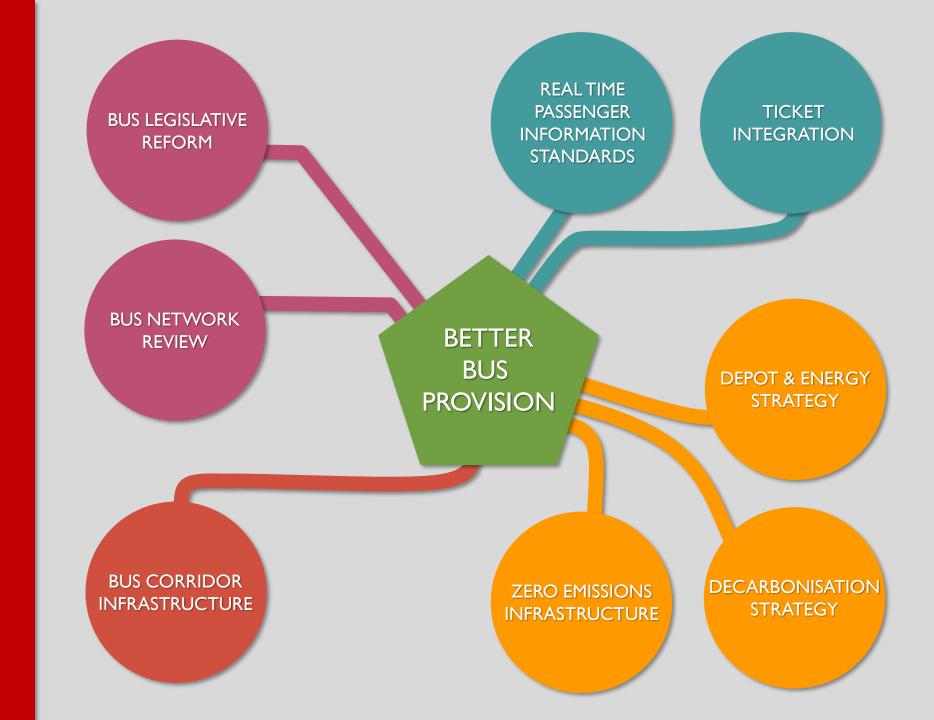


### **BUS PROGRAMME**





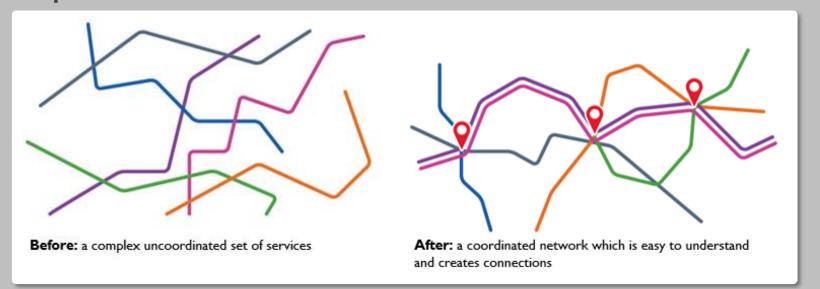
# Bus Programme Interdependencies



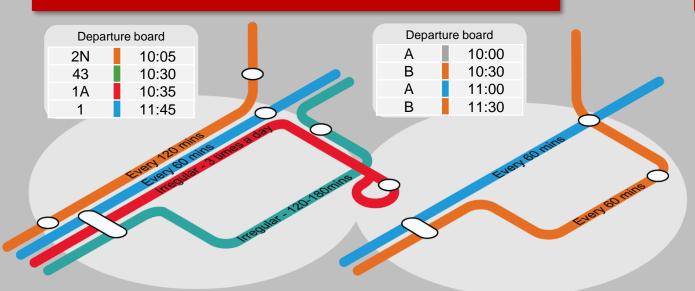


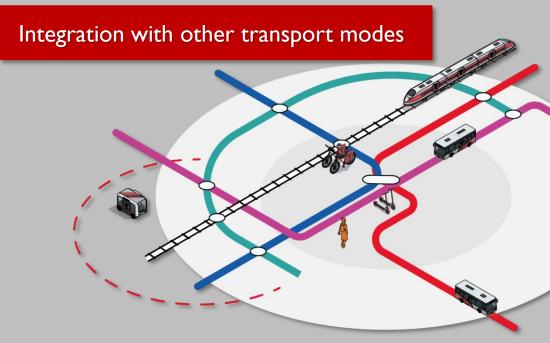
### Bus Network Review Overview

#### Optimisation of the Bus Network



#### Reducing duplication to improve service efficiency





# PLANNING BUS SERVICES TO CREATE A JOINED UP AND COORDINATED NETWORK

TfW wants to maximise passenger choice by providing a joined-up bus network – and the key principles are set out below



I. Plan a single unified network Services planned and arranged to give a unified network which is intuitive, easy to understand, and coordinated.



2. Establish a core network, connecting key destinations

The core network should form a permanent backbone of an integrated local or regional network.



3. Secondary local and feeder services around the core

Secondary local and feeder services should be formed around the core network, with lower frequency and/or demand responsive services.



4. Service directness for core bus lines

The core bus services should be arranged as a series of straight-line services with minimal diversion.



5. Consistent service line route

Bus services should operate the same route at all times of day (with some limited alternatives in early/ late periods), which improves understanding of the network and reduces operational complexity.



5. Coordination of services on common corridors

Services on common corridors should be rationalized to provide regular headways to maximise system efficiency and ease of understanding.



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

Bus services should be coordinated to create an integrated network to maximise connections between services and improve the range of destinations.



8. Clock face departures

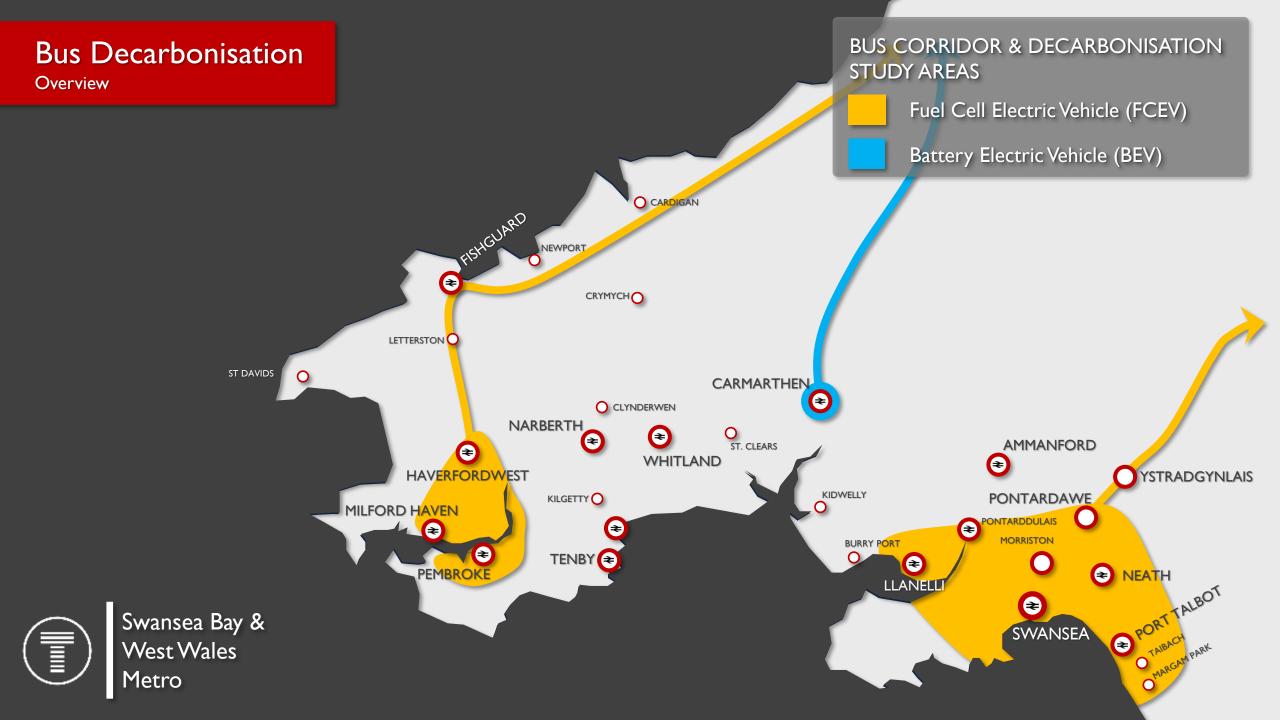
Departure times for services at consistent time past each hour (e.g. 00 and 30 minutes past every hour) improves passenger understanding of bus services..

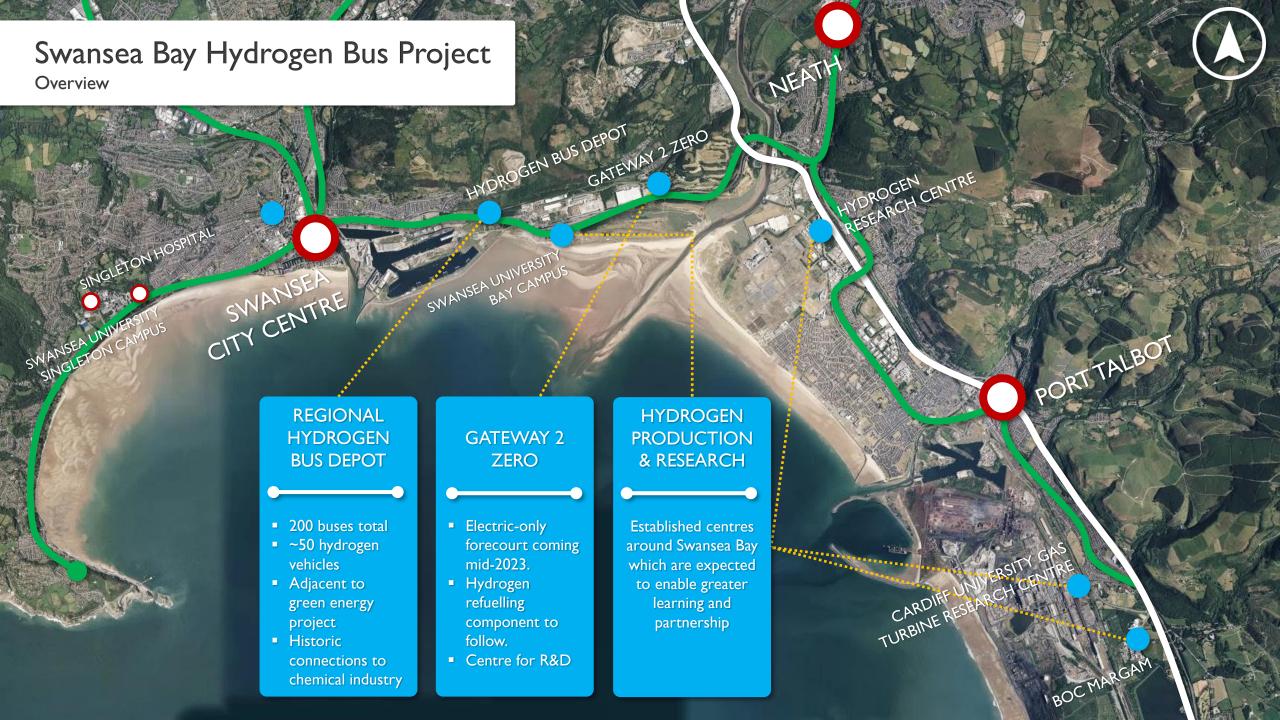


9. Consistent operating hours

Consistent operating hours across a network improves understanding of the network for passengers and provides certainty of transfer opportunities.









#### Proposed Project Structure

### FLEET DECARBONISATION

Welsh Government & TfW

Measures to implement zero emission bus demonstration at network scale

### BUS PRIORITY INFRASTRUCTURE

Local Government

Measures to ensure journey time and journey time reliability improvements

### FUEL AND SUPPORTING INFRASTRUCTURE

Collaboration with Welsh Government, TfW, Local Government, Swansea University & Private Sector Partners

Development and delivery of the infrastructure to support vehicle operation



# REGIONAL TRANSPORT PLAN





