



WEST COAST NORTH MODERNISATION PROGRAMME

Pip Hoskins

Principal Programme Sponsor

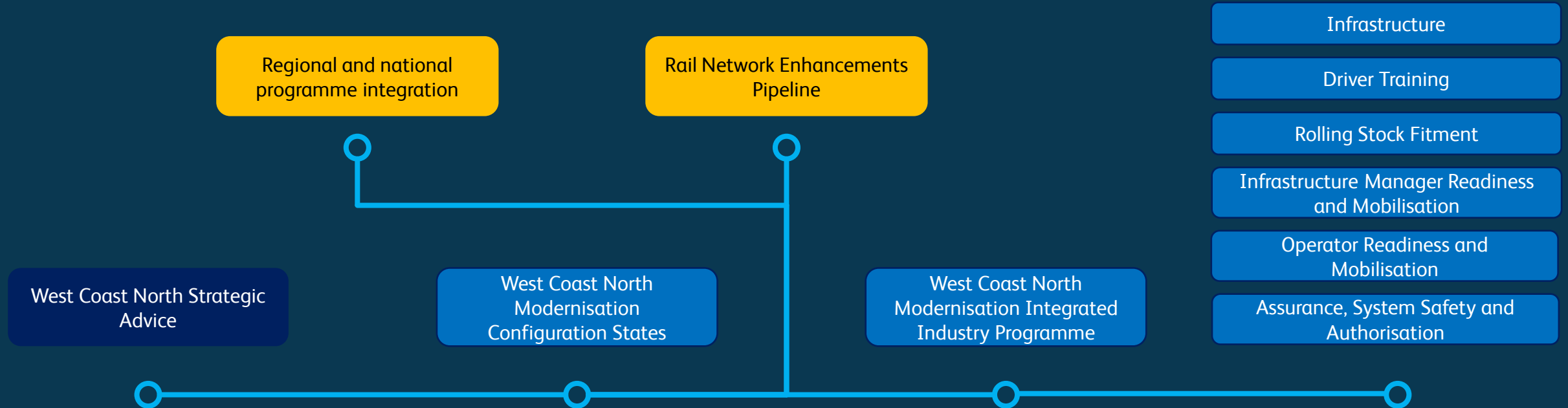


Programme Overview

- A once-in-a-generation national investment railway programme designed to boost train performance, operations, future timetables and economic growth across the WCML.
- Over the next 3 years the focus is on replacing outdated 1970s infrastructure with modern, high-performance systems laying the groundwork for future HS2 services, digital signalling and a more resilient and on time railway.
- Delivery through a coordinated industry approach to optimise delivery efficiency and industry benefit.



Roadmap to Integrated Programme Delivery



Governance Model

- WCNMP is a business change programme (track and train)
- Robust governance and change control is critical to its success
- Clear accountability with strategic oversight
- Full industry involvement 'one team'
- Consistent and clear communication
- Early warning of key industry challenges
- Consistent and agreed industry planning assumptions

West Coast North Modernisation Programme Executive Board (PEB)

Provide Strategic direction and support as required and secure ongoing strategic alignment throughout the Programme

West Coast North Modernisation Industry Leadership Group (ILG)

Own the West Coast North Modernisation Level 1 Industry Integrated Programme and approve changes to scope, cost and schedule that impact the programme

West Coast North Modernisation Programme Level Workstreams (In development)

- Network Change
- Passenger Handling
- Driver Training
- Infrastructure Delivery
- Access Strategy and Planning
- Systems Integration and Authorisation
- ETCS Development
- Communities of Practice
- NR Business Readiness
- Operator Readiness
- Rolling Stock Fleet Fitment



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Overview of Infrastructure Works



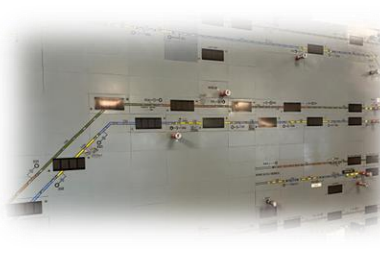
Overhead Line Renewal

West Coast Main Line North renewal of OLE contact wire and AWAC catenary



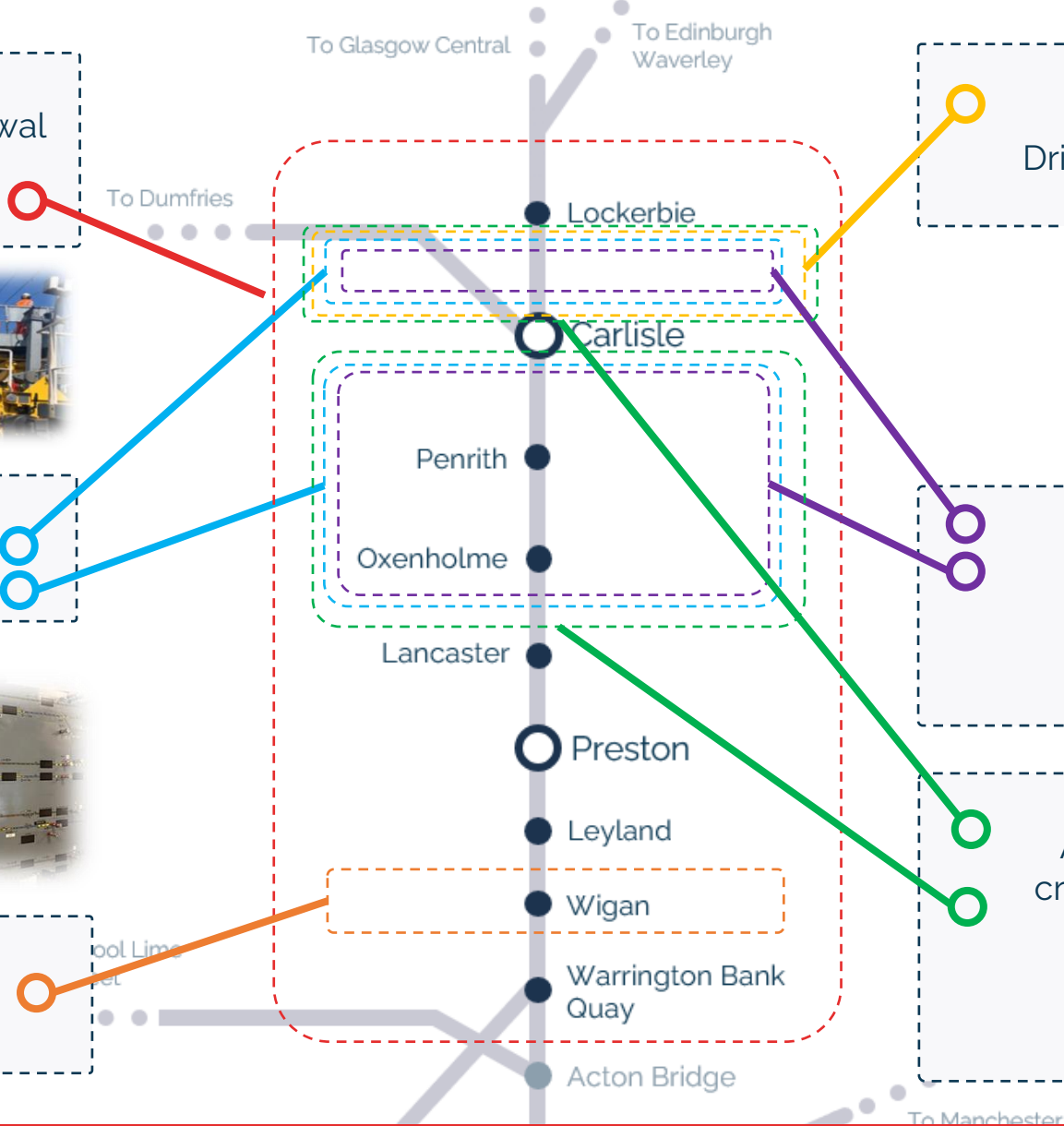
Carlisle PSB Re-control

Stage 1 – South of Carlisle
Stage 2 – North of Carlisle



Wigan S&C Renewals

Switches & Crossing renewals at Wigan



ETCS

ETCS Level 2 North of Carlisle
Driver Training Area development to enable CP8 delivery.



Gretna relock South of Carlisle Relock

Modernising existing relay based interlocking to ETCS compatible technology.

Carlisle Area loop alterations

Alterations to existing looping and crossovers both North and South of Carlisle including interventions at Mossband, Penrith, Eden Valley, Oxenholme in line with Intelligent Renewals concept.

CP7 (2024-2029) Work Packages

Overhead Line Renewal

West Coast Main Line North renewal of OLE contact wire and AWAC catenary



Carlisle Modernisation

Simplified layout with improved speed profile for through traffic



South of Preston Secondary Driver Training Area

To Dumfries

To Glasgow Central

To Edinburgh
Waverley

Lockerbie

Carlisle

Penrith

Oxenholme

Lancaster

Preston

Leyland

Wigan

Warrington Bank
Quay

Acton Bridge

To Manchester

ETCS

ETCS Level 2 Driver Training overlay



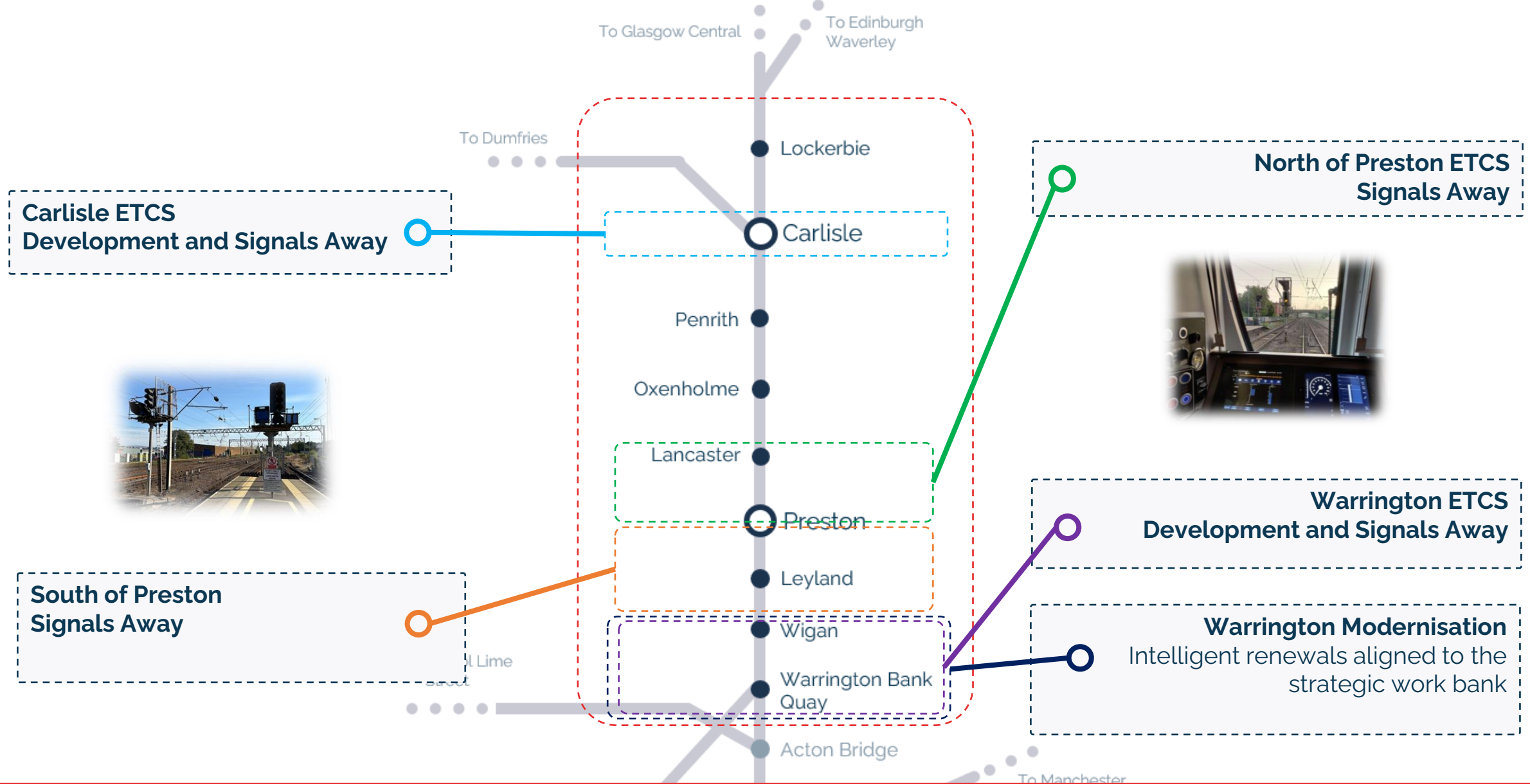
South of Carlisle ETCS Signals Away

South of Carlisle Development, then
Signals Away

North of Preston Signals Away - Development

Intelligent Renewals

Intelligent renewals as per the Intelligent
Renewals philosophy and strategic work
bank



CP9 Onwards (2034 onwards)

Stakeholders and Communication

- Industry Stakeholder Integration
- Strengthen Customer Communication
- Enhance Awareness and Understanding



Questions?



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