NetworkRail

Nick Millington

Route Director for Wales and Borders
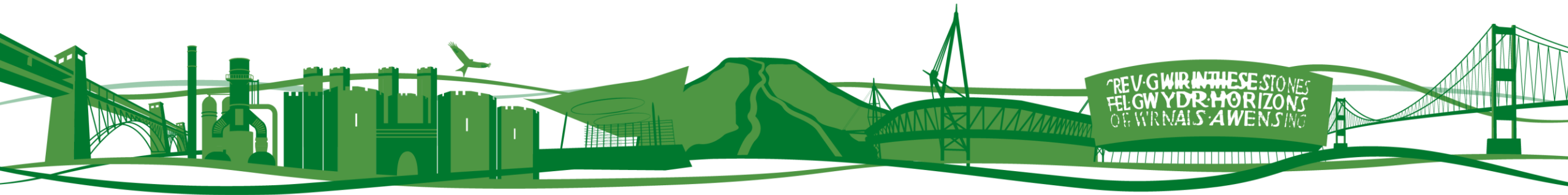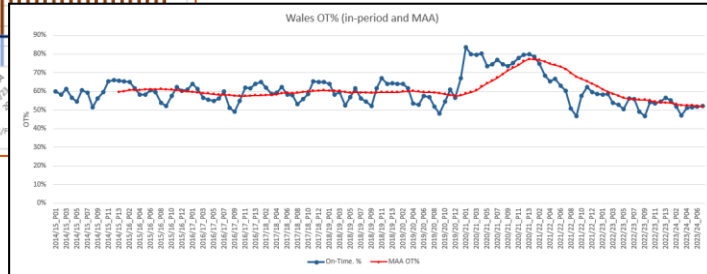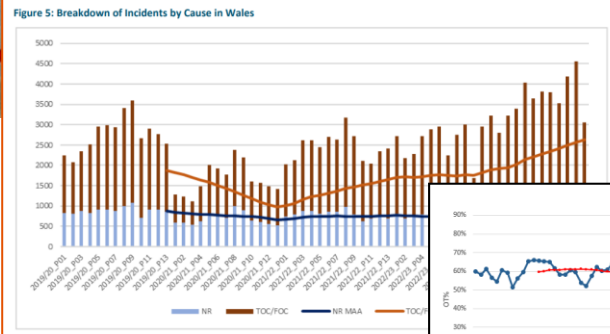

Wales and Borders

Control Period 6 – A recap.

On 3 July 2019, at 09:52 the driver of a Great Western Railway train reported that the train had struck three people working on the South Wales Main Line track.

Our colleagues **Gareth Delbridge** and **Michael 'Spike' Lewis** were fatally injured.
Another colleague escaped by inches.

Heatwave: Wales' hottest day as temperature hits 37.1C

Control Period 7 (CP7) – Wales and Borders

- Safety of our people, infrastructure and our operations is our priority

- We <u>must</u> deliver a reliable timetable.

  - **Operate and Maintain = £700m**
  - **Renew = £1Bn**
  - **Enhance = ???**
  - **More Efficient, Freight Growth (6.9%)**
  - **Service Affecting Failures……**
  - **Etc….**

"A safe and reliable 'Low Carbon' transport service, integrated seamlessly with other modes………"

Wales and Borders

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Wales and Borders CP7 SEW Roadmap

NetworkRail

Safe and Effective Working

What's next?

Focus on easier walking

Geo-warning roll out

RDD roll out

Smarter access

Crossing Point extended rollout

Assurance

Safer Possession Management

Ongoing: Independent Assurance and shared learning

Ongoing: Initial Crossing Points Live – Assessment of next batch of sites underway

April 2024: CP7 phase of Access Point and Walkway creation to 'open up the lineside' commences

April 2024: RDD Designs underway and installations commence

May 2024: Shrewsbury Access Strategy Workshops

June 2024: Phase 1 geo-warning roll out

June 2024: RailHub Access Register Live (subject to review)

July 2024: Incident Response Packs migrate to RailHub

Oct 2024: Shrewsbury Walking Routes available

Dec 2024: T3A and T3D available for use

Mar 2025: First 100 Priority sites fitted with RDD and teams trained

Mar 2025: Up to 40 Planned Crossing Points Live

Mar 2025: 15+ access points created

Mar 2026: 200 sites fitted with RDD

Mar 2026: 30+ access points created

Mar 2027: 300+ sites fitted with RDD

Mar 2027: 60+ access points created

Mar 2027: Up to 120 Planned Crossing Points Live

everyone home safe every day

Safe and Effective Working

Level Crossings – over 1000.
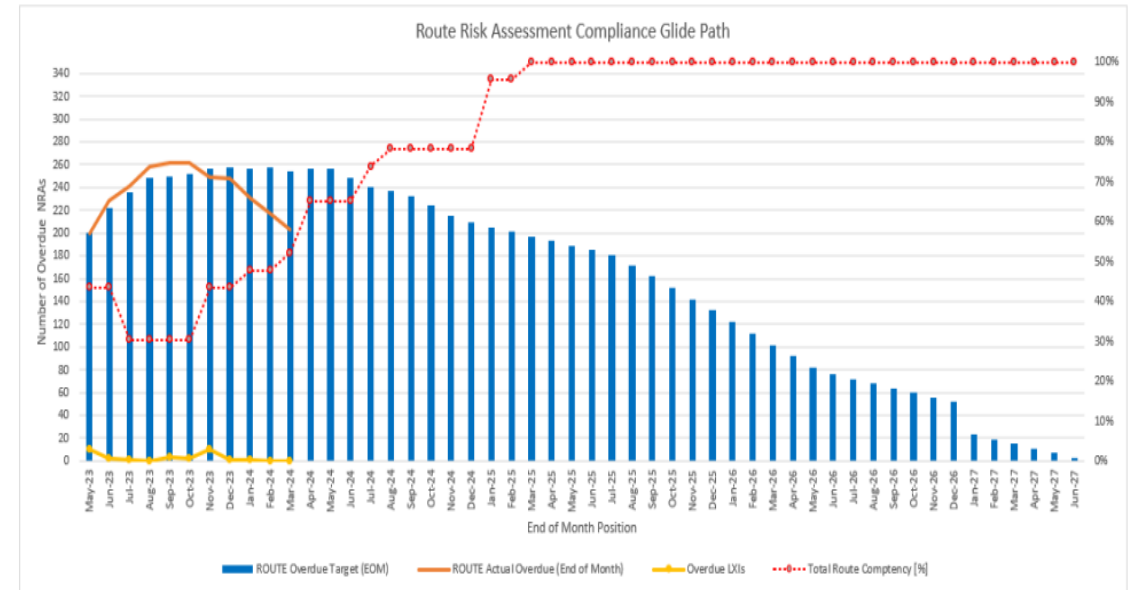
Improving train service punctuality: Our 7Rs

NetworkRail

Research: Improved understanding of what causes delay, including better attribution.

Repetition: meaningful targets we all understand to deliver a robust timetable - trains on time.

Risk: Prepare for the seasons in advance; avoid repeated infrastructure failures; proactively manage risk

Reliability: Make sure our assets our major station hubs work well - Cardiff, Newport, Chester and Shrewsbury.

Resilience: Increase the route's resilience to adverse weather, extreme weather and external factors.

Restrictions: Management and removal of all temporary speed restrictions on the route. when a TSR is implemented, a robust plan is created to remove.

Resource: provide our teams with the right resource to delivery great performance effectively and efficiently.

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Resilience

- Removing 40,000 Diseased Trees – Underway

- More sophisticated Weather Forecasting + Agile operational risk control – Done.

- Revisited all Earthworks risk assessments – Done.

- Flood Task Force – Underway.

- Infrastructure Resilience Programme – Planned and underway.

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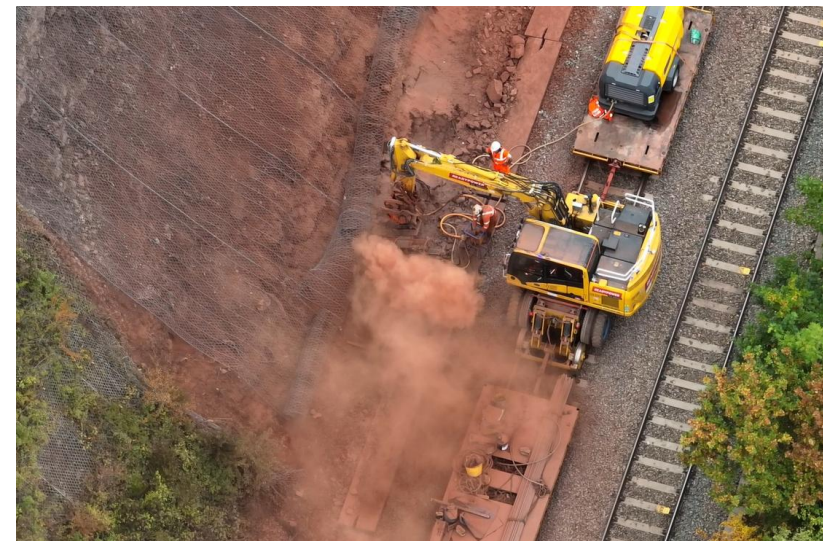
How are we improving perfo...?

Vegetation management

Removing temporary speed restrictions

Project Dragon

Work on the Severn Tunnel

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# How we measure performance:

(3) **On Time to 3 (OTT3)** -We track the percentage of station stops that arrive early or within three minutes of the scheduled time. A higher score on this metric indicates better punctuality.

Consistent Region Measure - Passenger (CRM-P) -This measures the delay attributed to Network Rail from incidents occurring in each Network Rail Region, per 100 train kilometres. A lower score on this metric indicates better performance.

Cancellations -We monitor the number of cancelled trains as a percentage of the total number of planned trains, which is confirmed by the train operator and Network Rail at 22:00 on the previous evening. This includes trains that miss stations or fail to reach their destination.

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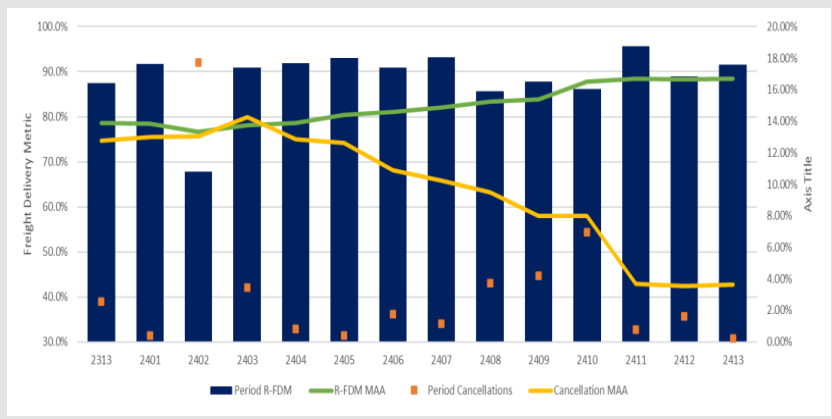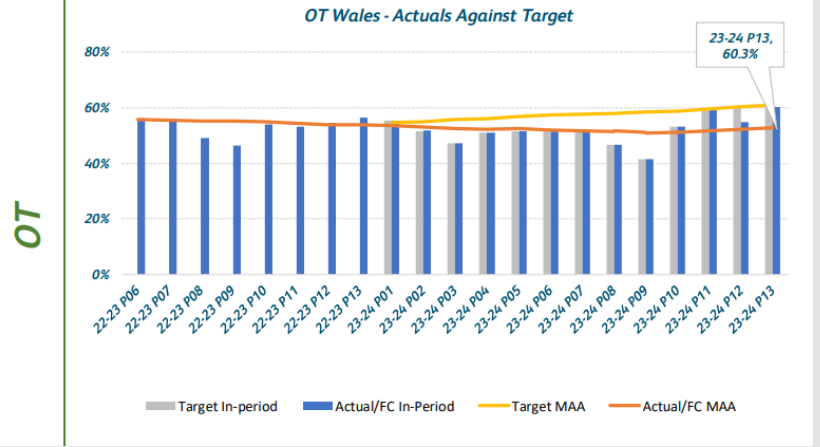
On Time to 3

New Trains, more trains.
New 'High Performing' timetables next......

Fleet Status 07:00hrs				
Fleet	Number of Units	Availability Target	Availability Actual	Balance
150	35	24	26	2
153 (UAT)	15	12	11	-1
153 (Non-UAT)	11	9	10	1
158	24	19	22	3
Mk4	7	4	4	0
231	11	8	9	1
197/0	30	23	25	2
197/1	15	11	11	0
230	5	2	3	1
398	0	0	0	0
756	24	0	0	0
Totals	**153**	**112**	**121**	**9**

Wales and Borders

Cyfuno collaboration commitments

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TRANSPORT FOR WALES

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1
Our relationship is based on collaboration, with high trust and low formality

2
We jointly challenge existing standards, processes and behaviours

3
We empower our colleagues to influence the decisions that affect our customers

4
We develop joint goals aligned with Welsh and UK Government policies

5
We jointly make the best decisions for long term multi-modal transport

6
We consider all freight and passenger operators when making decisions

7
We invite everyone across our organisations to jointly create NR/TfW strategies
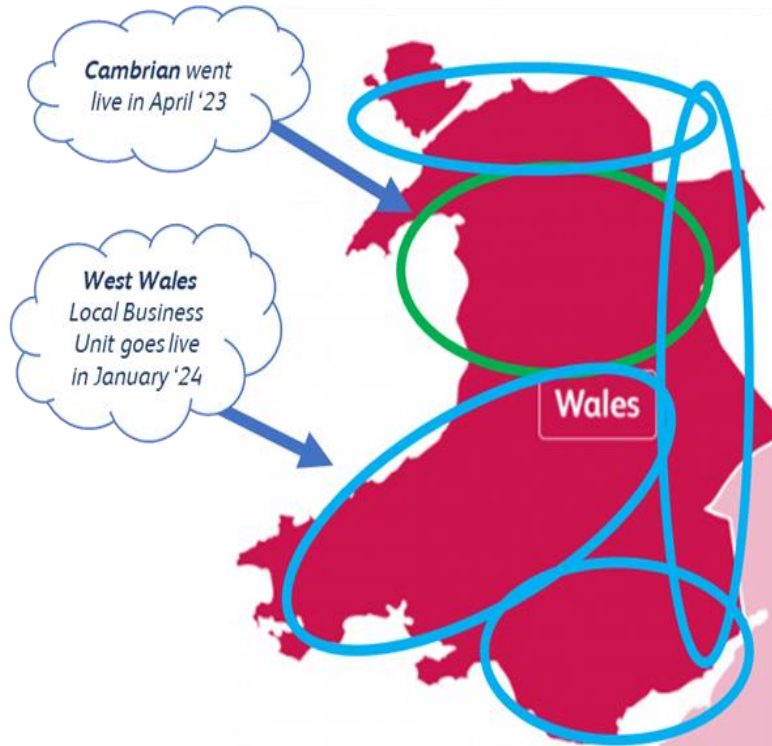
8
We respect each other's responsibility for delivering outcomes with set funding

Making it simpler and easier to develop and run a better transport network in Wales and Borders

Track and Train, together, locally……

Cambrian went live in April '23

West Wales Local Business Unit goes live in January '24

Wales

Achieved so far:
- **Cambrian** established (**April '23**)
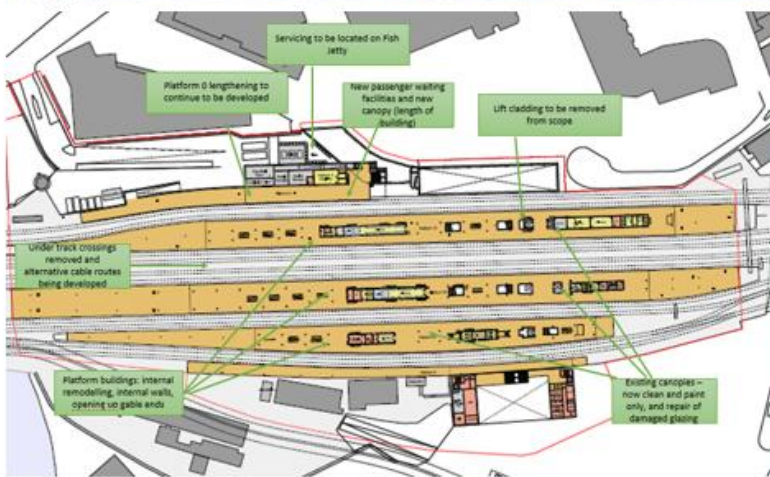- Swansea-Severn Tunnel (performance group established **November '23**)

Next steps:
- **West Wales** (Kick off **January '24**)
- **North Wales** Local Business Unit (Target **April '24**)
- **Swansea to Severn Tunnel** migrates into full Local Business Unit (Target **September '24**)
- **Marches** Local Business Unit (Target **December '24**)

Wales and Borders

Cardiff – Creating a legacy……

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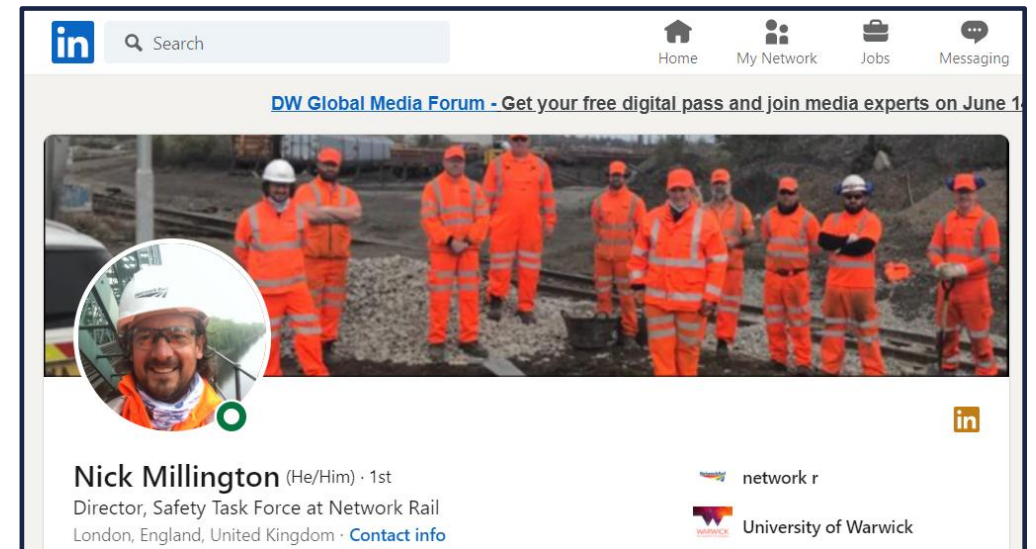
Thank you!

For everything that you are all doing safely to support the 'Wales and Borders Railway'!

LinkedIn

Nick Millington | LinkedIn

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