



THE PWI

Light Rail & Trams: For a sustainable, carbon-neutral tomorrow

Light Rail & Tram Landscape in the British Isles

14 November, Nottingham

About Us



- **UKTram are the Trade Body for Light Rail in the British Isles – The Voice of the Sector.**
- **UKTram brings together all organisations with an interest in current and future development of Light Rail in the UK, ensuring it remains a viable, cost effective and consistently improving transport option.**
- **As a not-for-profit, membership body, we represent all Light Rail and 'Other Guided Transport' systems in England, Wales, Scotland, Ireland and the Isle of Man.**
- **Our membership takes in organisations from all aspects of the industry, including network operators, infrastructure and rolling stock maintenance organisations, Transport Executives, Suppliers and Industry Experts.**

Our Members



- **Tramways, Light Railways, Metros, Subways, Heritage, ULRs & PRT Systems**
- **From all parts of the British Isles including, England, Scotland, Wales, Ireland, Northern Ireland, Channel Isles and the Isle of Man.**

Includes:

- **System Operators**
- **Maintainers of Infrastructure & Rolling Stock**
- **Local Authorities, Passenger Transport Executives, City Regions, Town & County Councils**
- **Concessionaires**
- **Manufacturers & Trade Suppliers**
- **Industry Advisors & Experts**
- **Associate Members**

Members & Stakeholders



System Operators, Maintainers of Infrastructure & Rolling Stock, Passenger Transport Executives, City, Town, County Councils, Concessionaires, Manufacturers & Trade Suppliers, Industry Advisors & Experts from Tramways, Light Railways, Metros, Subways, Heritage, ULRs & PRT Systems from all parts of the British Isles including, England, Scotland, Wales, Ireland, Northern Ireland, Channel Isles and the Isle of Man.



UKTram's Remit



UKTram covers the need of our members across all aspects as listed below:

- Promoting Trams, Light Rail, Metro's, ULR & Other Guided Transport Systems
- Government Lobbying & Liaison
- Group and Industry Best Practice
- Centre of Excellence
- Training, Competency and Development
- Knowledge & Experience transfer & sharing
- Academic Development & Training
- European & International Liaison
- Innovation
- Research and Development

Light Rail Safety and Standards and looked after under the remit of our Subsidiary Company, the Light Rail Safety and Standards Board (LRSSB).

Priority Focus Areas 2022-25, 3 Year Business Plan

Delivering the Light Rail Strategy



Benchmarking

Best Practice

The overarching delivery of the **Light Rail Strategy** see's the Focus areas split into the following areas:

- Customer Experience
- Sustainability & Environmental
- Sector growth
- Innovation

Collated together through **Benchmarking** and Best Practice.

A View from UK & British Isles

Key Points:

- What are we talking about – **ALL** Light Rail, from Very Light Rail, Light Rapid Transit, Light Rail, Tramways, Tram-Train.....



- Appetite and interest in **New Schemes** and **Extensions** – more on that later.
- Trams and Light Rail will be included as part of the new Governments Integrated Transport plan – UKTram to be the conduit for this.
- What's on the **Horizon**? Plenty as we can see.....

Current UK & British Isles Light Rail Systems



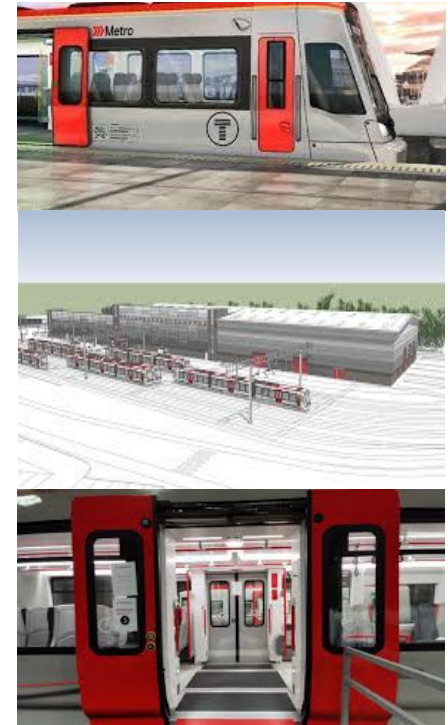
A snapshot of the 12 Tramways/Light Railways in the British Isles:

- Blackpool Tramway – Extension to North Station & Tram Train options for Fylde coast line.
- SPT – New fleet being introduced
- Tyne & Wear Metro – New fleet, expanded capacity, Metro flow and extensions under consideration.
- Docklands Light Railway – New fleet, extension planned to existing Beckton line to Thamesmead.
- Manchester Metrolink – Tram-Train options being reviewed.
- Sheffield Supertram – More Tram-Train extensions under consideration including one in Restore Your Railways (RYR) initiative.
- West Midlands Metro – Continuation of extensions – Wednesbury-Brierly Hill funding secured.
- London Tramlink – New fleet.
- Nottingham Tramlink – New Devolution for East Midlands opens-up more extension options.
- LUAS – Dublin – New fleet on the horizon.
- Stourbridge Shuttle – PreMetro – New fleet and plans for Brierley Hill extension to link to Midland Metro.
- Edinburgh Trams – Successful opening to Newhaven, now the next extensions are being planned.

Underway

South Wales Metro

- The South Wales Metro is an integrated heavy rail, light rail (and bus-based) network around Cardiff.
- Works are currently underway with a brand-new depot under construction at Taff's Well and new trains being constructed at the CAF 15,000 m² (160,000 square feet) factory in Newport.
- The Metro will be primary Heavy Rail with the electrification of the core Valley Lines and new stations.
- A small section of on-street Tramway at the final section in Cardiff Bay will be run under Tramway principles.
- The CAF Fleet are tri-mode Tram-Train vehicles.



Coventry VLR



- **Coventry Very Light Rail (CVLR)** is a pilot Very Light Rail Tram system, by Coventry City Council.
- The system is the first of its kind in the UK, combining smaller vehicles and lighter infrastructure, fusing ULR & LRT.
- Plans to establish such a system were first revealed during 2016; development work was headed by the WMG and TDI.
- It was designed to be substantially cheaper to establish than conventional tramway and light railways, making use of batteries to avoid installing overhead line equipment along much of the route, along with light weight rails and track-form that are easy to install and repair.
- Construction of the first prototype vehicle complete and testing has started at BCIMO.
- Initial demo section in Coventry planned, with expansion of the network intended after this point to cover various commercial, residential, and industrial districts of Coventry, as well as linking up with other transit hubs.
- UKTram is supporting the Procurement Review Panel

In the Pipeline – not just a Pipe Dream

From LRT, VLR, RVLR & Tram-Train.....

- **West Yorkshire – Mass Transit system – will be at least 1 Tramway/LRT line, with more planned.**
- **Kenex Tramway – Linking North Kent and South Essex under the Thames.**
- **Cork – Plans in place for Tramway system based on the Dublin LUAS (LRT).**



Very Light Rail/Revolution VLR

- Wisbech-March.
- Cirencester-Kemble.
 - Folkstone.
- Isle of Wight - Ryde to Newport and Ventnor.



Restore Your Railways

- Light Rail Options for: Stoke-Leek (Tram-Train).
- Owestry-Gobowen (VLR).
- Sheffield-Stocksbridge (Tram-Train).



Tram-Train



Outline Strategic Business Cases for:

- Fylde Coast line – Tram Train the leading option
- Barrow Hill to Sheffield
- Bury - Bolton
- Stockport - Ashton
- Rawtenstall - Buckley Wells
- Weardale Railway

Mass Transit

- West of England – looking at Mass Transit options – Metro voted down in favour of ground level modes - Gloucester Road scheme in WECA Transport Plan.
- Leuchars Jct - St Andrews - Transport Scotland has confirmed the allocation of £106,000 to complete a comprehensive options appraisal.



How we are helping these Schemes



UKTram and its Centre of Excellence, have:

- Regular liaison and consultation with the DfT on CRSTS funding.
- Maintains and runs the DfT approved Tram Tracker for schemes in the UK and British Isles.
- Developed a 'Route map' to Guide new potential schemes in development.
- Designed and launched a 'Pre-route Map' to qualify any new potential Light Rail schemes.
- Set-up and continues to run a VLR working Forum.
- Supporting the Network Rail 'Mixed Use Railway' working Group that has developed on from RYR.
- Working with and supporting Network Rail and the DfT with the remaining RYR projects.
- Produced a guide to improving TWAO applications and processes
- Work as part of the Light Rail Research Innovation Group with Network Rail, DfT and LRSSB (Light Rail Safety Standards Board)
- Liaising with the Department for Business and Trade on the need for pipeline of work and UK based manufacturers.

Only a Brief Snapshot – for more visit www.uktram.co.uk



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THANK YOU

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