. https://applrguk.co.uk/media/files/LR-UK-Why-Trams-Aberdeen-South-Harbour-updated-Dec-2022-v15pdf

Direct access to the City Centre (Union Square).

Link to the Railway Station and Bus Station.
Frequent and flexible Service.

Additional timings for Cruise Liner's arrivals and departures

A clean and Green Gateway
Tourist and City Cars

No Road/Tyre/Brake Particulates (NEE)
(A genuine zero emission vehicle).

No pollution at Point of Use!

Self-powered new build tradition summer tram cars

City Cars (3) autonomously coupled, 300 passengers

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Solving Impossible Problems

Why Green Hydrogen Trams©

Aberdeen Harbour South, Scotland's showcase doorway

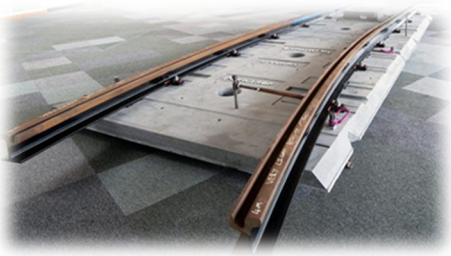
Trams have a proven record of getting people out of their cars while producing zero emissions and particulates at point of use and that these very light rail (VLR) offers significant potential for enabling these benefits to be realised on a significant larger scale.

A Coventry VLR

The national delivery of an integrated transport system will often involve initiatives that span local authority and county boundaries and mechanisms for coordination at regional levels are needed to help promote and deliver this project.

The proposal for a demonstrator line to Aberdeen city centre from the Harbour for very light rail, a system involving vehicles on much lighter rails compared to current tramways with a dramatic reductions in construction costs, faster construction and less disruption.

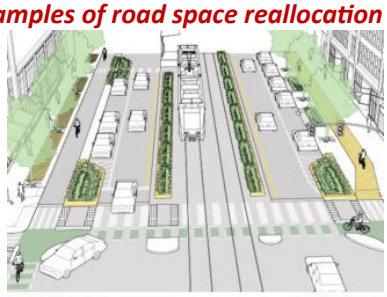
Legal utilities are left in place



****Installation less than £10M per Km***

The new track is laid just 30cm within the road's surface, minimising the need to relocate pipes and cables which is time-consuming and expensive. This is achieved by taking advantage of cutting-edge materials, while still making use of standard rail parts

Samples of road space reallocation



The largest share of transport emissions comes from cars, accounting for 38% a 20% reduction by 2030!... *Transport Scotland Jan 2022*

As Trams have a high modal switch circa 25% - 32%, this demonstrator line can achieve that target along this corridor

Statistics in Tram integrated Nottingham show that LEZs are not required

*Hydrogen/electric buses can only be seen as a welcome interim solution in the longer term, as they remain a source of significant particulate pollution (*NEE) arising from the friction between tyres and road surfaces while steel wheels running on steel rails create zero emissions of this type.*

****All UK Governments are aware of this (Greenwash) NEE pollution***

**39,000 folk died from Particulates*

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