

# REVOLUTION VLR

## Three new battery-only Revolution Very Light Rail vehicles

- **Eversholt Rail funding three brand-new Revolution Very Light Rail vehicles for passenger trials and ongoing operation.**
- **Manufactured in the UK by Transport Design International.**
- **Battery-only propulsion, providing zero-emissions operation.**



Innovative new lightweight passenger trains that will help decarbonise Britain's railways are to be trialled after a new deal was announced this week.

The new Revolution Very Light Rail vehicles will run entirely on battery power and could be carrying passengers within three years. A new system of lineside fast charging will mean the whole operation has zero emissions.

Some of Britain's major rail operators are already showing interest in the RVLR vehicles as they seek to fulfil promises to make rail 'cleaner'.

Eversholt Rail, one of the country's leading rolling stock owning companies, has signed contracts with Transport Design International (TDI) to build three new Pre-Series vehicles for passenger trials in the UK.

These new vehicles will be built in the Midlands by TDI, with assembly commencing in 2024 and the first vehicle ready for passenger operation in 2026. RVLR's modular design enables this rapid programme to be achieved with confidence.

Following on from successful RVLR Demonstrator trials and testing in Ironbridge over the past two years, this represents the next major step towards series production. It will provide further valuable data to inform wider deployment of RVLR.

Eversholt Rail and TDI are working with key stakeholders across the UK rail industry to agree routes and services where operators can run passenger-carrying trials using these new vehicles. These trials will generate actual passenger demand data to support business cases for long-term deployment of RVLR vehicles as well as providing further passenger and operator feedback on their design and capabilities.

**Mary Kenny, CEO Eversholt Rail said,** "This substantial further investment by Eversholt Rail demonstrates our commitment to delivering innovative, sustainable and attractive new rail products for the UK market. We are delighted to be continuing our partnership with Transport Design International."

**Sam Wauchope, Chairman of Transport Design International said,** “This joint investment is fantastic news for RVLR, and we are looking forward to working with Eversholt Rail to deliver this groundbreaking product that will modernise lower-density parts of the UK rail network with an environmentally sustainable and economic solution. TDI is investing in a new manufacturing facility for these vehicles, and as part of this programme we are developing our in-service charging technology, an essential for battery-only operations.

To ensure we remain at the cutting edge of this emerging technology, TDI is supported by Innovate UK for its ongoing technological developments in this sector. The innovation and light-weighting technology behind RVLR is superb and we are immensely proud of our UK-based engineering team”.

### **Media Enquiries to**

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### **About Revolution Very Light Rail (RVLR)**

The multi award-winning RVLR is a real game changer. It uses the very latest in lightweight materials and battery technology to deliver an affordable, zero carbon emissions and sustainable rail vehicle solution for rural connectivity. Its aim is to deliver a reliable, high-quality passenger experience with very low costs of implementation and operation. This will maximise economic sustainability and provide connectivity in regions where a traditional rail has previously been too expensive.

### **About the Revolution Very Light Rail Team**

Transport Design International and Eversholt Rail are proud to be working together to bring RVLR to market. Transport Design International (TDI) are market leaders in the design and manufacture of lightweight, mass transit solutions for rural and urban transport. Eversholt Rail is a leading UK rolling stock owner and through-life asset manager with more than 25 years' experience in the Rail Industry.  
Website [www.revolutionvlr.com](http://www.revolutionvlr.com)

### **About Eversholt Rail**

Eversholt Rail owns UK passenger and freight rolling stock and has more than 25 years' experience in the rail industry. Eversholt Rail has invested more than £3bn in new trains since privatisation and continually invests in existing fleets to maintain quality and reliability to deliver a better passenger experience. Eversholt Rail has a proud history of innovation and plays an integral role in the growth and modernisation of the UK rail sector by introducing new products and technologies into the market. Further information can be obtained on [www.eversholtrail.co.uk](http://www.eversholtrail.co.uk)

### **About Transport Design International (TDI)**

Transport Design International (TDI) are market leaders in the design and manufacture of lightweight, mass transit solutions for the transport industry. With 30 years' experience in the rail industry, their Very Light Rail product platforms **Revolution VLR**, **Lync VLR** and **Orbit** run on lower-cost infrastructure and offer more affordable transport solutions. Their product portfolio offers platform and kerb height vehicle solutions and single or multi-car options for both urban and rural routes. All projects are aimed at achieving the company's sustainable goals of zero-carbon functionality for a greener future.

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