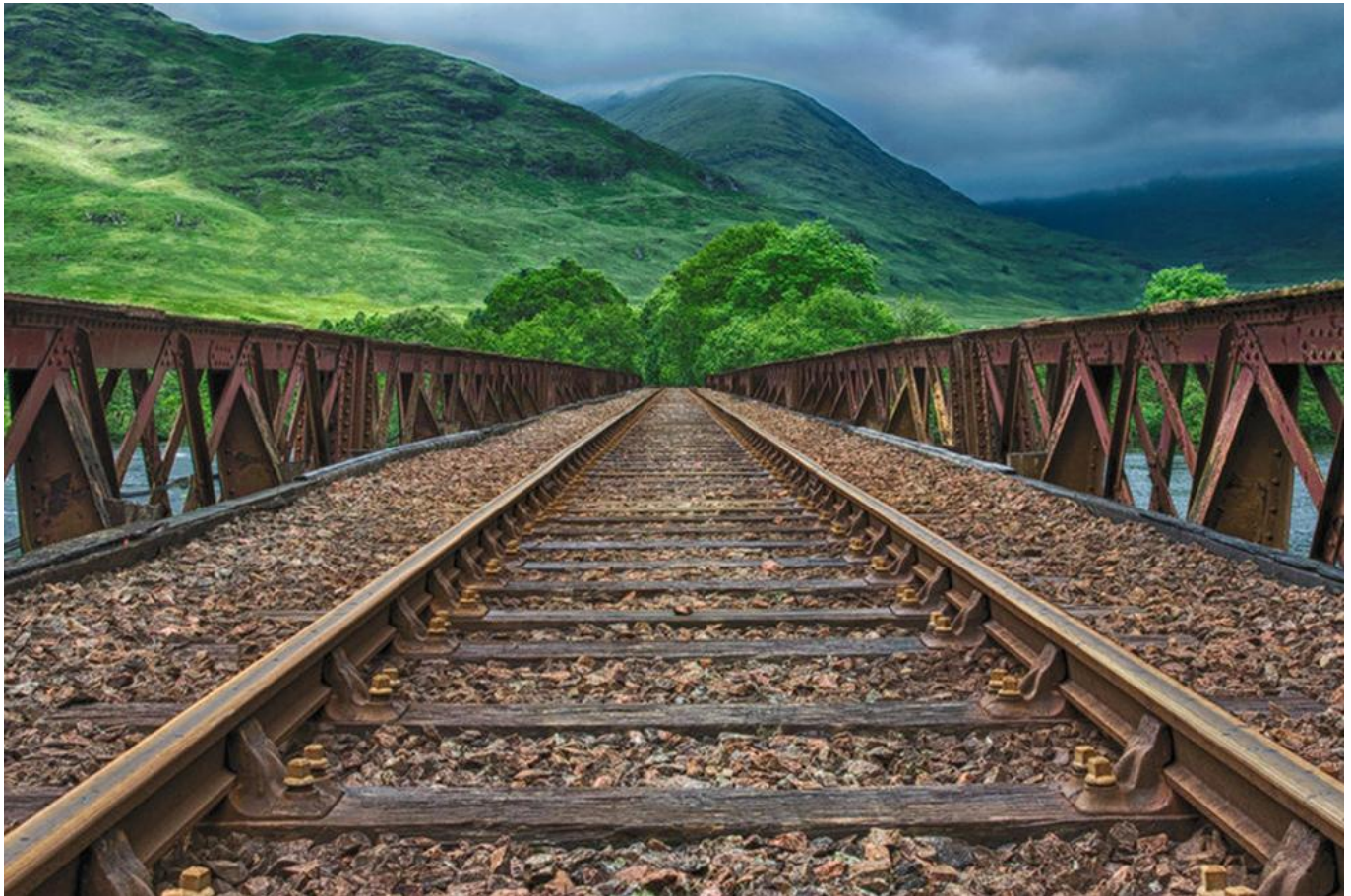


Greener train project moves to next phase

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Scotland's greener railway ambitions are powering ahead with the next stage of a hydrogen train demonstration project getting underway.

The Zero Emission Train Project is being led by Scottish Enterprise and Transport Scotland.

The fuel cell electric train will be created by converting a retired ScotRail Class 314, and it is planned to make demonstration of the train a centrepiece of the global COP 26 conference being hosted in Glasgow next December.

The Prior Information Notice is now live on Public Contracts Scotland for the full system design, installation and demonstration of the hydrogen fuel cell train in Scotland.

Scottish Enterprise Managing Director of Economic Development Linda Hanna said: "This is a hugely exciting project for the rail industry in Scotland and for our SME community.

"A key objective of the project is to provide the rail supply chain with the opportunity to develop their skills and advance their knowledge of the application of hydrogen fuel cell technology on passenger rolling stock, including hydrogen supply and refuelling infrastructure. So it's a real opportunity to demonstrate

innovation and to get involved with an industry of the future.

“In turn, this creates quality jobs and supports our national ambitions for a net zero carbon economy.”

The first stage of the project has been completed by Brodie Engineering in Kilmarnock working with Arcola Energy, who produced the concept design for conversion of the ScotRail Class 314 EMU to fuel cell electric.

It's part of a plan by Scottish ministers to banish diesel from passenger rail services within 15 years.

University of St Andrews will procure Phase 2 of the project through the new [Hydrogen Accelerator](#), which it leads alongside University of Strathclyde.

The University will procure an industry partner to deliver the full system design, installation and demonstration of the hydrogen fuel cell train on a private line in Scotland.

Professor John Irvine from the University of St Andrews said: “The Hydrogen Accelerator and the University of St Andrews are very happy to be able to help to deliver the Zero Emissions train project.

“This is another key step forward for Scotland as we advance towards a hydrogen enabled low-carbon economy. Hydrogen will be very important in our low-carbon future especially in delivering clean transport options.

“This is also key for supporting the development of the Scottish supply chain and with the Scottish companies who are breaking into these new markets.”

Photo credit: Scottish Enterprise

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