connecting over 5,500 key-decision makers with rail operators and OEMs
ABOUT ELECTRIC & HYBRID RAIL TECHNOLOGY

Electric & Hybrid Rail Technology features brand-new, previously unseen, not discussed, and not dissected electric and hybrid rail propulsion technologies. It is to be distributed globally to over 5,500 individuals who have signed up to receive a copy of the publication. Readers include R&D chiefs, designers, powertrain engineers, and key decision makers at manufacturers such as Siemens Mobility, Alstom, Skoda Transportation, Hitachi Rail, Wabtec, Stadler and many more. The publication is also set to be sent to the world’s rail operators as well as influential figures within research centers and key suppliers/systems integrators who purchase electric and hybrid rail technologies. Electric & Hybrid Rail Technology brings together the industry, connecting them to discuss, and further, electric and hybrid rail development and deployment.

TOPICS COVERED

Through a series of international, in-depth project case studies and white papers as well as interviews with key and influential industry figures, Electric & Hybrid Rail Technology features all possible CO2-reducing concepts, from battery-electric to hydrogen fuel cells. The magazine highlights key technologies including energy-storage solutions of all types, charging technology and infrastructure, hydrogen fuel cells, power electronics, motors, APUs, wiring, and systems integration. We also cover forthcoming possible legislative and governmental requirements.

INDUSTRY FACTS

According to Hexagon Group, more than 10,000 diesel trains in Europe will be replaced over the next 15 years. ReportLinker predicts that the global hybrid train market size is projected to reach 8,389 units by 2030, from an estimated 4,904 units in 2020, at a CAGR of 5.5%. The electric traction motor market is projected to grow to US$36.6bn by 2025, from US$14.2bn in 2020, according to MarketsandMarkets. According to a Shift2Rail report called Study on the Use of Fuel Cells and Hydrogen in the Rail Environment, one-in-five newly purchased train vehicles in Europe could be powered by hydrogen by 2030. According to Leclanché Energy Storage Solutions, existing electric multiple unit and battery electric multiple unit technologies can be used to electrify the majority of the 20% of rail traffic in Europe that is still operating diesel locomotion.

Research and Markets predicts that the global train battery market size is projected to reach US$255m by 2030, from an estimated value of US$143m in 2020. Indian Railways aims to achieve 100% electrification on all routes by 2024, offering significant opportunities for train battery manufacturers in the near future.

“The rail industry is set to benefit from tremendous growth thanks to countries including Germany, France and Austria blocking short-haul, domestic flights and thus forcing passengers onto the rail network. The need for greener trains just got more important than ever!”

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INTERVIEW:
Hitachi Rail’s group CEO, Andrew Barr, discusses battery developments and the company’s wider plans for the decarbonization of transport.

FROM AIR TO RAIL:
Following news that some European countries, such as France and Austria, have banned certain short haul flights, EHRT looks at how rail can sustainably fill the domestic travel gaps.

LIGHT WEIGHTING:
How can the development of very light trains help improve efficiency and reduce emissions? Is stability still an issue in this area? EHRT finds out.

HYDROGEN REFUELING:
As the world’s first hydrogen filling station prepares to open in Germany, EHRT looks at what are the key considerations and challenges for hydrogen refueling, such as location, cost, and storage.

BATTERY DEVELOPMENT:
Experts around the world are researching and testing new materials to improve battery range and durability. The automotive industry is benefiting greatly from these developments, but what’s in store for rail?

CHARGING INFRASTRUCTURE:
EHRT explores the latest developments and projects related to battery charging infrastructure and shares best practices.

RENEWABLE ENERGY:
Ultimate decarbonization on the railways can only be achieved by looking beyond the trains and tracks. Clean energy, such as from solar or wind power, should also be considered. EHRT finds out how.

POWER ELECTRONICS TESTING:
A look at the latest technologies being developed for power electronics for trains and how testing and development is helping to refine them.
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- **Half page advertisement:** £3,500
- **Sponsorship of Interactive edition:** £4,500

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**CIRCULATION**

Over 5,500 copies of Electric & Hybrid Rail Technology will be sent directly into the hands of key-decision makers and influencers who have signed-up to receive a copy. The circulation will be global, with the majority of the readers located in the areas that are fast-moving to further electrify their rail network, namely Europe, Canada, Asia as well as the US which is widely expected to step-up its carbon-reduction programmes.

**WHO ARE WE?**

You can trust Mark Allen Group publications to deliver value. One of the world’s largest independent publishers, we have over 400 staff working in five offices – and at home! We’ve been identifying technological niches and helping our advertisers win new business for over 30 years. We publish industry leading publications including Electric & Hybrid Vehicle Technology International and Railway Interiors International.

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DIGITAL MARKETING OPTIONS

www.electricandhybridrail.com hosts a fully interactive version of Electric & Hybrid Rail Technology magazine

www.electricandhybridrail.com is not only the place to get the latest daily, real-time news about decarbonising the rail industry, but also the only portal where you can read the latest issue of Electric & Hybrid Rail Technology with online readers receiving the digital issue at least two weeks prior to the paper version's publication.

The digital magazine is an exact copy of printed version of Electric & Hybrid Rail Technology. It features interactive advertisement and articles linking straight to advertisers' featured websites as well as the opportunity to embed relevant video content to support advertisement and articles.

As well as the digital issue, www.electricandhybridrail.com offers industry suppliers the opportunity to promote banner advertisements, exclusive webinars and email campaigns to the Electric & Hybrid Rail Technology audience.

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