

*Road-rail and small local lines serving rural communities
Lohr reinvents the railway for freight and passenger transport*



Draisie



Modalohr

The Alsatian industrial group is taking advantage of the Green Logistics International Railway Industry Exhibition in Italy to showcase two up and running solutions developed with transport operators:

*Modalohr and Draisie: meeting the challenges of climate change
in the 21st century.*

The entire LOHR team looks forward to welcoming you at its stand to showcase its MODALOHR and DRAISY solutions!

GREEN
LOGISTICS EXPO

Stand 49 - Hall 7
Padua, ITALY





MODALOHR - 100% road 100% rail over 2 million semi-trailers transferred from road to rail

Freight transport, **essential to our economies**, is confronted with several challenges. The increasing scarcity and cost of fossil fuels, the shortage of truck drivers, and climate change highlight the importance of the modal shift from road to rail.

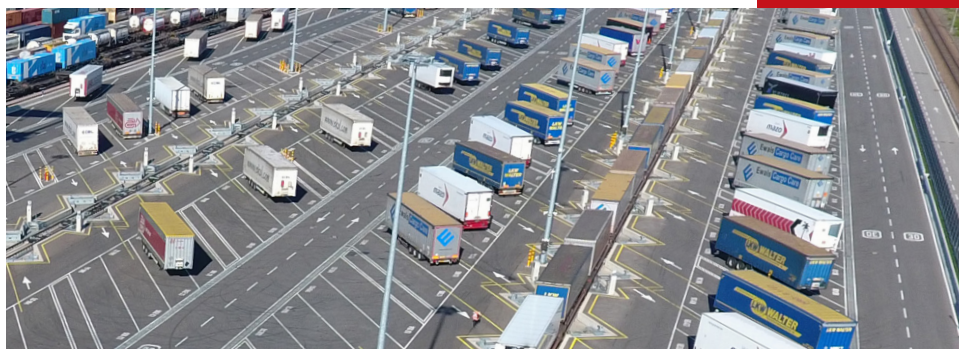
Modalohr is 20 years old!

In operation on several rail routes since 2003, **Modalohr wagons have already made it possible to transfer more than two million semi-trailers from road to rail and to save as many tonnes of CO₂.**

Their environmental benefits are universally recognised: **1 tonne of CO₂ saved per semi-trailer transferred from road to rail for a journey of 1,000 km.**

Included in the French Recovery Plan since 2020, three new rail motorways have benefited from the support for modal shift decided by the French Government: the **Cherbourg-Mouguerre rail motorway backed by the shipowner Brittany Ferries** and due to start up in the spring of 2024, as well as the **Rungis-Perpignan and Sète-Calais rail motorways backed by VIIA.**

As part of the Green Deal, investment in rail-road terminals will also be supported in conjunction with the European strategy on the TEN-T network corridors and the CEF (Connecting European Facility) transport budget.





DRAISY - 100% light 100% frugal the train of small local lines serving rural communities

With three other partners, GCK Battery, Stations-e and the IRT Railenium, SNCF and LOHR are the winners of the "Digitalisation and Decarbonisation of Rail Transport" call for expressions of interest with **DRAISY**. This CEI is part of the fourth PIA4 (French "Investing in the Future" programme) aimed at designing the railways of tomorrow and optimising their operation.

In the consortium, Lohr provides the **rolling stock** compatible with the **DRAISY** solution.

DRAISY is a **100% battery-powered** electric train which can be recharged rapidly in stations in a way that is very convenient for operations without impacting passenger service.

It is intended to give a new lease of life to small railway lines in rural areas. This very light train meets the needs of nearly 9,000 km of local lines serving rural communities in France and the needs of international networks.

This **very light train** has a reduced load on the rails (<10 t per axle), and is equipped with **steerable wheelsets**. These two major innovations contribute to **limiting rail wear**.

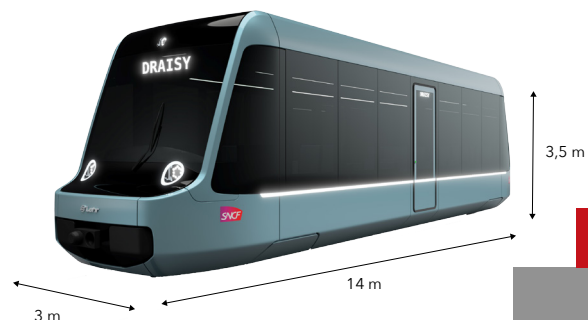
DRAISY incorporates frugal solutions from the road transport world.

All of these innovations make it possible to considerably **reduce the cost of operation and maintenance** compared to current solutions (60% less expensive).



Main features:

- Autonomy : 100 kilometers
- Maximum speed: 100 km/h
- Capacity: 80 passengers, including 30 seated
- Electrical energy : 100 % battery powered
- Quick recharge in stations
- 2 steerable driving axles
- Axle load : 10 tonnes
- Nominal weight : 20 tonnes





About Lohr Group

LOHR is a private French group based in Alsace near Strasbourg. It has been a world specialist in the design, manufacture and marketing of transport systems for goods and people for 60 years and generates 80% of its turnover in export. With a global industrial presence including 6 factories spread over 3 continents and 2,000 employees, LOHR asserts its position as the world leader in car transport, develops its rail-road activity and promotes projects for sustainable, safe mobility.

For more information: www.lohr.fr

LinkedIn: <https://www.linkedin.com/company/lohr-group>

Facebook: <https://www.facebook.com/Lohr.Industrie>

Instagram: https://instagram.com/lohr_group?igshid=YmMyMTA2M2Y=

Youtube: <https://www.youtube.com/channel/UCTJDGbPfpIcl3WhhVNq7H0g>

Practical information:

GREEN LOGISTICS 2024 - Padua - ITALY: Stand 45

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