

Let's accelerate future mobility together

Exhibitor guide NL pavilion at Solutrans 2023



NL

Netherlands

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Let's accelerate future mobility together



Foreword

Let's accelerate future mobility together



In the dynamic world of global innovation, the Netherlands ranks 7th in the world on the 2023 Global Innovation Index (GII) for the most innovative world economy.

The Netherlands continues to invest in innovation across various sectors, underscoring its status as Europe's 5th most innovative economy. Thanks to the country's renowned entrepreneurial culture and innovation-friendly business environment, the Dutch have long played a role in global business innovation. Close collaboration and partnerships are the key to success.

The Dutch Automotive industry and mobility sector operates at a high level. The Dutch take a unique, quadruple-helix approach to collaboration, involving participation from industry, knowledge institutions, government, and citizens. Almost 90% of the value created by the Dutch Automotive and mobility industry is exported. International cooperation is of utmost importance in this respect.

The industry is in the midst of a large-scale transition in which climate change, sustainability and digitalization are our central themes with the objective to move to zero emissions, zero accidents and smooth transport of people and goods. This connects also to the leading themes in Europe.

France is for the Dutch Automotive industry a very important trade partner and establishing strong relationships and cooperation with the French industry and businesses is a key priority. The innovative and technology ecosystems fit well together with France having large OEM and TIER1 companies and with the Netherlands focused on strong performing TIER1-2-3 companies.

Since 2017, RAI Automotive Industry NL has been arranging and managing many programs and projects to support and establish new relationships for our members with French partners next to supporting existing and well-established relations.

Being present and collaborate in the Solutrans Exhibition is, already for years, one of our strategic initiatives to establish more cooperation and trade opportunities within France.

Let's accelerate future cooperation together. "bonne chance!"

Albie van Buel

Managing Director RAI Automotive Industry NL

Company Profiles



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Battery Competence Cluster - NL

Innovation program for a strong Dutch Battery Ecosystem

To leverage and accelerate the opportunities provided by battery technology and the energy transition, the industry, knowledge institutes and trade associations are jointly committed to developing a strong battery ecosystem. The Battery Competence Cluster – NL is the innovation program for companies, knowledge institutions and organizations that want to work together to acquire knowledge and develop skills in the field of battery technology. The Dutch battery, transport and shipping industry join their forces in the Battery Competence Cluster – NL.

The 4 thematic pillars of the Battery Competence Cluster – NL:

- Second-use materials and recycling
- Sustainable battery components and production processes
- Battery Systems for heavy-duty mobility
- Battery Systems for a sustainable energy supply

Battery Competence Cluster - NL

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Dutch Electro

For more than 35 years Dutch Electro develops and manufactures light fittings, LED circuits boards and inverters for commercial vehicles. Our customers are the manufacturers of, for instance ambulances, fire trucks, freezing vans, market trucks, service vans, buses, trailers, and several special applications.

Dutch Electro products are developed in the Netherlands by Dutch designers and engineers. Also, the production and shipment of Dutch Electro light fittings is carried out from our factory in the Netherlands.

Dutch Electro light fittings are known for their reliability, high light output and low power consumption, which is very important for electric vehicles. As the aluminum bases and the polycarbonate diffusers are extruded on lengths, we are able to manufacture light fittings in any requested length. A light fitting of for instance 6 meter long is not an exception.

Dutch Electro lights are manufactured out of first-class materials which comply with the latest European regulations such as REACH and RoHS. The materials we apply in our products are specially selected for use in commercial vehicles and have proven their functionality in difficult circumstances all over the world. All Dutch Electro lights are certified for application in commercial vehicles (European EMC directive ECE R10).

Dutch Electro B.V.

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NRF

For almost 100 years NRF has been a leading manufacturer and supplier of cooling products and solutions for the automotive aftermarket, marine, railway and industrial sectors. NRF was originally known for manufacturing radiators, but today it supplies a wide range of more than 11.000 engine cooling and climate control parts. And now, NRF has gone beyond cooling with the latest introduction of sensors. In our large development and testing facilities, we constantly ensure that you receive the highest quality products.



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Due to our strategically located warehouses and customer service centers, we are a global aftermarket player, but a local partner. You can expect a high level of service from us, and we speak your language. Every day, NRF products go to customers in more than 80 countries worldwide.



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Trescal

[CALIBRATION SOLUTIONS TO IMPROVE YOUR PERFORMANCE]



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Trescal

Trescal is the global independent expert in calibration services. Each year, over 70,000 companies, active in the aerospace, automotive, pharmaceutical, chemical, energy, electronics and telecommunication sectors entrust Trescal with their calibration needs!

Automotive & Transport

Car manufacturers and their supply-chains must rely on calibration specialists with global coverage in terms of standard compliance requirements (IATF16949 and ISO/IEC17025) in order to innovate and remain competitive. Our expertise includes:

- Integration of operational and organisational constraints relating to the automotive industry
- Wide scope of services including laser trackers and CMM calibration
- Complete expertise in current requirements and standards (IATF16949, ISO9001, ISO/IEC17025)

Trescal, the global leader in calibrations.

Trescal

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Udenco

Udenco is a leading manufacturer and developer of cutting-edge EV charging systems, specialized in private-label and white-label solutions for the DC charger market. We offer a comprehensive range of charging solutions designed to accommodate a variety of vehicle sizes and power requirements, ranging from 30kW up to 240kW.



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With Udenco, your company saves valuable time, energy and resources in terms of production and time-to-DC charger market. With our customizable private-label and white-label solutions, we allow our clients to establish their own distinct brand identity while benefiting from our state-of-the-art technology.

Udenco is your trusted partner in electrification. Let's shape the future of mobility, one charge at a time.



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VebaBox is the worldwide innovator of the cold chain. Our guiding philosophy is the active or passive cooling of the load carrier. This way, we prevent cold chain breaks and make every step in the chain more efficient, more flexible and more sustainable.

Our solutions can be integrated into any process, and they comply with all rules and regulations. We focus on Pharma, Food, Health and Lab markets.

Thanks to us, you:

- No longer require special electric refrigerated vehicles or cold storage;
- Always have cooling during transfer;
- Utilize the maximum load capacity of vehicles by combining freezing, refrigeration and ambient temperatures in one (electric) vehicle;
- Always have the security and proof of the right constant temperature.

We guarantee maximum flexibility and assurance in an efficient manner because we offer modular solutions. Our point of departure is chain efficiency.



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RAI Automotive Industry NL

RAI Automotive Industry NL is the cluster organization of the Dutch automotive industry, mobility sector and related knowledge and education centres with about 200 members.

RAI Automotive Industry NL supports the innovative Dutch automotive sector by profiling and representing the sector, nationally and internationally. An important basis is formed by the national eco system that is part of the innovative Top Sector High Tech Systems & Materials (HTSM), in which industry, education, science and governments parties actively work together.



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Innovation

The Netherlands is one of the most innovative countries globally, according to Global Innovation Index (PwC), Automotive Disruption Radar (Roland Berger) and Autonomous Vehicles Readiness Index (KPMG). RAI Automotive Industry NL promotes the enforcement of the international market position of its members and promotes the business climate in The Netherlands by continuously strengthening the Dutch business innovation ecosystem.

Ambition

Zero emissions – Zero congestion – Zero accidents
To realize these ambitions, several programs have been established:

- Green Mobility
- Smart Mobility
- Manufacturing & Materials
- Human Capital
- Internationalization



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Let's accelerate future mobility together

Join our journey to fast-track sustainable and smart mobility. We have a proven track record in developing innovative solutions. There may be obstacles in the road ahead but, together, we can turn them into valuable opportunities. Through the lens of sustainable mobility, we can make our cities smarter and future-proof. Let's fast-forward together!



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