

Let's accelerate future mobility together

Exhibitor guide NL pavilion at IAA Mobility 2023

EXPERIENCE
CONNECTED
MOBILITY

FUTURE X MOBILITY

» IAA MOBILITY 2023

September 5 - 10 in Munich

NL

Netherlands

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Foreword



The Dutch Automotive industry and mobility sector operates at a high level: this is only possible by cooperation. International cooperation is crucial in this respect. Almost 90% of the value created by the Dutch Automotive and mobility industry is exported. The industry is in the midst of a large-scale transition in which sustainability and digitalization are the central themes: moving towards zero emissions, accidents and smooth transport of people and goods. These are also the leading themes in Europe.

Germany is an important trade partner for the Netherlands, and our ecosystems fit well together: Germany has large OEM and TIER1 companies, the Netherlands mainly parties that operate 'further back' in the chain as TIER2-3-4 parties. Together with our partners, RAI Automotive Industry NL explores a long-term strategic cooperation program to establish new relationships with German partners and to expand existing ones. IAA MOBILITY is one of the events to meet partners and achieve our common goals: more (innovation) cooperation and more trade. This is only possible with the support of many public and private partners, from Germany and The Netherlands. Participating in IAA MOBILITY is therefore not a one-off initiative, but part of a long-term strategic cooperation. I am looking forward to making this event a success, together with our partners and co-exhibitors!

Wir freuen uns darauf, Sie während der IAA MOBILITY auf dem Niederländischen Pavillion zu empfangen und wünschen Ihnen einen erfolgreichen Messebesuch.

Albie van Buel
Managing Director RAI Automotive Industry NL

Company Profiles

Automotive Campus

The Automotive Campus in Helmond, right in the middle of the Brainport Region, is the national and international hotspot, meeting place and a potential business location for automotive business. The Automotive Campus offers an attractive environment for learning- and working, a state-of-the-art technology and related (test-) facilities as well as flexible rental concepts.



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The Automotive Campus is where the ecosystem for smart & green mobility comes together for meetings, knowledge sharing, innovation, engineering, testing, business development, education, and training.

The future of the automotive industry starts here

The Automotive Campus has over 1250 people – including around 600 students – working on the mobility solutions of the future. They do so at leading automotive businesses, knowledge institutes, innovative start-ups, and educational institutes. In barely fifteen years, the campus has grown into the top national and international hotspot when it comes to green mobility and smart mobility.



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Battery Competence Cluster

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.



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The 4 thematic pillars of the
Battery Competence Cluster – NL

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

Battery Competence Cluster – NL

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Circularise

Circularise is a digital product passports and mass balance bookkeeping software provider founded in The Netherlands in 2016. Circularise's software system helps suppliers in chemicals, plastics, battery materials, metals, and other industries to trace materials and share their environmental footprint without risking their sensitive data. By extension, it helps brands to get visibility into their own Scope 3 emissions and other metrics, which is aligned with the regulatory push around Digital Product Passports, the SEC's proposed climate risk disclosure rules, and the Corporate Sustainability Reporting Directive.



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EMD Tooling

EMD Tooling has been an expert in high-quality industrial tooling for 40 years, specializing in the design, simulation, production and maintenance of stamping tools, dies and supplying complete stamping production lines turn-key to its customers.

EMD develops and produces tools of excellent quality so that its customers can position themselves at a high level.

As a supplier of production tools and lines, EMD wants to be the best partner for its customers. Being the best means providing excellent quality, service and value so that every customer feels valued and gets perfect products delivered on time.

Since 2018, EMD-Tooling has been part of VADO, a Dutch investment company founded by the Van Doorne family. (a.o. Founders of Truck manufacturer DAF)



ETF-SOIOS B.V.

The ETF - SOIOS Solar SunShuttle® is a solar-powered, electric road train. It is the perfect city centre mobility solution. Or have it as a tourist train in your (theme & holiday) park or zoo. The Solar SunShuttle® is even used in ski resorts! It is a sustainable solution that emphasizes your environmental commitment and intentions. The number of passengers differs between models, but ranges between 50 and 75 people



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Solar SunShuttle® key features:

- ROI in 2-3 years
- No CO2-emissions
- Available in your corporate style or theme
- Approved for driving on public roads
- Range up to 300 km
- Up to 77% lower running costs
- Wheelchair-accessible
- Handles gradients of up to 20%
- Easy to drive with a B driving licence



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GeoJunxion

GeoJunxion is a Dutch scale-up with a difference: it has already decades of history. In the last three years, the Company has refocused, rebranded, added a new dynamic executive management team and is now creating and delivering premium location-aware content and services to corporates and global tech platforms, as well as public entities.

The Company, originally founded in 1984, with a strong past in map development, evolved in a creator of specialized map-agnostic, value added, geolocated data and services, for a variety of industries, markets, and applications.

GeoJunxion simplifies data complexity providing smart geo-located solutions to B2B clients. Our product and service portfolio are centered around safety on the road, environmental sustainability, and social utility, enabling solutions for smart and shared mobility, smart cities, urban logistics, automotive, transport & logistics, real estate, travel & tourism and more.

Key products are our geofences like Low Emission, Congestion and Traffic Limited Zones – School Streets and School Safety Zones – Automated hyper-localized geofences for transport and logistics, but also our Indoor and Outdoor Last Mile mapping solutions for events, sport areas (such stadiums), industrial areas, parks, campings, museums, theatres, ports, and marinas and many more.

GeoJunxion, where location meets intelligence.



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Mobilitum

Mobilitum designs and develops light electric vehicles for use on European roads. Or on private sites. By offering services such as leasing, Full service & maintenance, driver training and insurance; we ensure mobility and increase uptime. The Stint Cargo model is a great solution to improve last-mile logistics. And the Stint Pickup model is often used by municipalities for inner-city waste collection.



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Mobilitum incorporates smart ways of goods transportation in the Last Mile Delivery process. Using city livability as a starting point, we work towards a solution that benefits environment, efficiency and therefore: economics. We have over 10 years' experience in the LEV market and have many specialties in-house.

Mobilitum goes beyond developing vehicles; We Deliver Mobility



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Nedal

The Nedal charging station is the discreet charging solution for public spaces in smart cities. This product was created to tackle the ever-increasing demand for safe and intelligent charging infrastructure. What is more, the product makes a stand against the rising chaos in the public space. In fact, this product is a solution to the chaos that is increasingly faced by public spaces.

Traditional lamp posts will be replaced by multifunctional light poles that include a charging station as well as other applications like integrated measurement and control technology, CCTV and 5G.

The coming decade will see significant changes in traditional street scenes, which will be dominated by electric cars that need charge stations on the street. Nedal offers the smart, safe and cheap way of doing just that.



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Proven Concepts

We are a leading and highly competitive player in the field of high-quality product development, model making and prototype construction. Our name, Proven Concepts, speaks for itself: thanks to our many years of experience and our extensive portfolio, we have the unique ability to bring your technical challenges to life. Consider us a one-stop-shop, where we take care of your ideas and wishes. From start to finish, we provide support and deliver your product through in-house production. That's what we want to emphasize.

Proven Concepts, a team of enthusiastic engineers, metalworkers, model makers, CNC millers and measuring technicians. With flexibility as their main competence. WE MAKE IDEAS VISIBLE



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SAG Netherlands

Aluminized is your reliable continental partner for development and supplying high-quality lightweight components and products that meet all your requirements.

Aluminized's expertise covers a wide variety of products, ranging from aluminium housings to complex components for renewable energy sources, such as fuel cells. By using advanced technologies, the company can produce efficiently and meet the demanding requirements of the renewable market.

Aluminized collaborates closely with their customers to provide tailor-made solutions. A flexible approach and fast lead times allow them to respond to customer needs while delivering outstanding products.

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Sekisui Europe

SEKISUI EUROPE Headquartered Japan, SEKISUI CHEMICAL CO., LTD. and its subsidiaries make up the SEKISUI CHEMICAL Group. With over 26,000 employees in around 200 highly specialized companies throughout the world, the Group delivers a wide range of well-founded expertise, innovative products and services. In 2021, SEKISUI CHEMICAL CO., LTD. has been awarded as one of the “Global 100 Most Sustainable Corporations in the World” – for the fourth time in a row and for the sixth time overall.

In Europe, SEKISUI consists of nine companies – including SEKISUI EUROPE B.V. as regional headquarters. SEKISUI in Europe is able to look back on more than 50 years of experience. Customers benefit from efficient and sustainable solutions, based on a partnership-oriented approach and reliable services. The ultimate aim is to develop outstanding solutions that will help improve people’s lives – in Europe and all over the world. The automotive industry achieves improved comfort, safety, durability and fuel efficiencies with products from SEKISUI in Europe: The product range includes components for automotive interiors, exteriors and electronics.



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Solid Sands

About Solid Sands

Solid Sands is the leading provider of compiler and library testing and qualification technology in North-America, Europe and Asia. Our mission is to put quality into C. We do that by improving the quality of C and C++ compilers, libraries and analysis tools, and by enabling their safe and secure use. With the quality level of our test suites, we stay at the forefront of software testing and qualification to help you achieve ISO compliance and functional safety standard requirements. Founded in 2014, Solid Sands is headquartered in Amsterdam, The Netherlands. With partners all over the world we serve both leading innovative companies in the semiconductor, IP and security industries as well as safety-critical companies in automotive, robotics, railway and medical. Our SuperTest Compiler Test and Validation Suite provides a complete validation environment which enables customers to achieve the software quality level demanded by the ISO language and functional safety standards. Meanwhile, our SuperGuard C Library Safety Qualification Suite is a requirements-based test suite for the C standard library with full traceability between the requirements derived from the ISO C language definition and the individual library tests.

About SuperTest

SuperTest is a compiler test and validation suite for C and C++ compilers and its libraries. It offers hand-crafted and generated test files including millions of conformance tests. In addition, SuperTest includes many tests aimed at compiler internals such as analyses, transformations and optimizations and it comes with powerful and flexible test generators. The framework includes both conformance and diagnostic tests, and has facilities to support selective testing of subsets of the suites. SuperTest runs on a POSIX or Windows based user interface which seamlessly integrates into any compiler development environment, allows for easy addition of new tests and provides cross platform validation support. SuperTest starts where other suites end.

About SuperGuard

The SuperGuard C Library Safety Qualification Suite is a requirements-based test suite for the C standard library with full traceability between the requirements derived from the ISO C language definition and the individual library tests. It is designed to support the qualification of implementations of the C standard library for safety-critical applications, both for third-party (COTS) and for self-developed or maintained C library implementations.



TomTom

TomTom provides location data and technology to drivers, carmakers, businesses, and developers. Billions of data points. Millions of sources. Hundreds of communities. We are the mapmaker bringing it all together to build the world's smartest map. We provide location data and technology to drivers, carmakers, businesses, and developers. Our application-ready maps, routing, real-time traffic, APIs and SDKs enable the dreamers and doers to shape the future of mobility. Headquartered in Amsterdam with 3,800+ employees around the globe, TomTom has been helping people find their way in the world for over 30 years.



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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.

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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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Lightyear Layer

Lightyear Layer provides solar solutions that reduce the CO2 impact of mobility, charging dependency and increase operational freedom and convenience. We do this by offering custom integrated solar charging systems designed to be beautiful, powerful, and versatile, in order to meet the specific needs of any mobility provider. Our technology, from “photon to battery”, delivers a reliable and cost-effective solution with the highest average annual energy yield (kWh/year) in the market, resulting in maximum impact, maximum solar range, and maximum freedom from the grid. By harnessing the power of the sun, our offer contributes to a more sustainable future and reduces dependence on traditional energy sources. We envision a future where everyone, everywhere has access to sustainable mobility choices.



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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.

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, a number of programs have been established:

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

NL

Netherlands

