AUTOMOTIVE CAMPUS

Your partner in
smart and green mobility
in Brainport Eindhoven
The Netherlands

AUTOMOTIVE CAMPUS

YOUR PARTNER IN **SMART AND GREEN MOBILITY** IN BRAINPORT EINDHOVEN

Do you want to know what the future of mobility will look like? Pay a visit to the Automotive Campus in Helmond, the Netherlands. The Automotive Campus in Helmond is located in the Brainport Eindhoven region and is the national and international hotspot, meeting point and place of business in the field of automotive (technology) and smart mobility.

Brainport Eindhoven, a region located in the south of the Netherlands, is a world-class top technology region. High tech and design are combined with an advanced high-end manufacturing industry and entrepreneurship. Close collaboration and sharing knowledge are part of the DNA and characterise the open innovation culture which makes Brainport smart and strong. The region is known for its unparalleled innovative strength and their integral and multi-disciplinary way of working. In Brainport Eindhoven technology and networks are clustered on campuses in order to create economic value and facilitate business development. Each of these campuses, the High Tech Campus, Brainport Industries Campus and Eindhoven University of Technology Campus, houses an ideal mix of companies, talents and knowledge institutes with a specific expertise. The campuses are located in a relatively compact area and together they form a value chain that covers all technology readiness levels.

The Automotive Campus is the Dutch centre of gravity and offers an attractive working and learning environment for smart and green mobility. The former Volvo Nedcar development centre is now home for over 1250 people – including around 600 students – who are 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 hotspot when it comes to bringing mobility solutions to the market.

Besides the Automotive Campus, you will find the Brainport Industries Campus in close proximity, the place where the innovative and competitive force of high tech manufacturing accelerates. The High Tech Campus Eindhoven is known as the 'smartest km^2 in Europe' for its developments on high tech future technologies and products. The TU/e Campus is the talent and technology district of the city of Eindhoven and is the innovation hotspot where science meets business.

More than 60 companies are part of our lively automotive community

The future of the automotive industry starts when businesses, knowledge institutes, and educational institutes join forces and share knowledge. There's a reason why the Automotive Campus is the national and international meeting place and prime location for international players, start-ups, SMEs, knowledge institutes, and student teams. Collaboration and open innovation are central.

Your partner in business

The result? Innovative ideas are converted more easily and quickly into solutions that change the world of smart mobility and green mobility. Self-driving cars, smart navigation, dynamic signage, electric driving or alternative fuels: what you see on and around the road today was developed here yesterday.

Is your business or start-up a great addition to our community? Contact us and we'll discuss the possibilities.

YOUR PARTNER IN **STARTING AND GROWING YOUR BUSINESS**

YOUR PARTNER IN **TALENT DEVELOPMENT**

When it comes to education, the Automotive Campus is unique. No other campus in the Netherlands has both global businesses and hyper-modern test facilities as well as educational institutes on location. In addition, all educational levels are represented. From the M.A.C. (MBO Automotive Centre) and the ACE (Automotive Centre of Expertise) to the Fontys University of Applied Sciences, Summa College, and several automotive student teams from the Eindhoven University of Technology.

Education and business strengthening each other

As a student, there's no better way to get a closer look at a future career. New developments in the automotive and mobility industry are occurring at lightning speed. The Automotive Campus is the place to be for staying up-to-date: the educational institutes on and around the campus have a direct overview of what businesses need, and adapt their lessons and training accordingly.

Successful collaboration

Businesses profit from the ambition, knowledge, and research students and student teams bring to the table. They are inspired to innovate and think beyond the boundaries of their own businesses. New talent they urgently need can be found right on their doorstep. Thanks to educational institutes and businesses on and off campus working together, this is where the next generation of technicians, engineers, and researchers flourish. Professionals with exactly the knowledge and skills the sector needs now, and in the future.

Nowhere else can you find so many high-quality mobility test facilities and research laboratories in one place. The campus and organisations such as TNO, TASS-Siemens, VDL, WaterstofNet, Altran, and Rijkswaterstaat (the Ministry of Infrastructure and Water Management) have the opportunity to use the modern test and research facilities to research new smart mobility and green mobility technologies. Not only businesses and knowledge institutes at the campus, but organisations and governments from across the globe come to Helmond to use the test facilities and become inspired.

Real-life, virtual, indoor, and outdoor testing

Did you know that many famous car brands crash test their prototypes at the Automotive Campus, before they put their cars on the global market? It also contains Europe's largest rolling road, which is used for all kinds of tests. And we haven't even mentioned the powertrain tests, virtual reality testing, research on CO2-emissions, and the research done in the climate control room, which can simulate extreme weather conditions. The Automotive Campus has many indoor and outdoor test locations, simulators, and control rooms for testing innovations.

Motorway as permanent living lab

Right alongside the campus you can find one of the showpieces of our living lab: the A270 motorway. A 2km long real life test location equipped with cameras, transponders, and Wi-Fi beacons, connected to a high-end control room, the Traffic Innovation Centre. Completely unique. That is why international businesses and governments are regularly invited to see the innovative research and be inspired. Here in the top technological Brainport Eindhoven region, where interesting European projects are developed, the facilities and campus give an important impulse to the Dutch Automotive sector, and to the sharing of knowledge and innovation in the region.

More than thirty test-facilities

YOUR PARTNER IN **HIGH QUALITY TEST FACILITIES**

YOUR PARTNER IN **SMART MOBILITY**

Traffic is ever-increasing. A challenge? The businesses, knowledge institutes and student teams of the Automotive Campus mostly see opportunities. They are working hard to change the future of mobility with high-tech solutions. The Netherlands is the perfect place to start: a small and densely populated country with a complex road network.

Tomorrow's mobility is smart

There's a good reason that the High Tech Systems & Materials (HTSM) sector is highly represented on the campus. Organisations such as TNO, Altran, VDL, TASS-Siemens and the Ministry of Infrastructure and Water Management share their knowledge and work together to innovate. Effective partnerships with the Dutch high-tech top are easily made here, in the heart of the Brainport region. The close collaborations with companies such as Philips, NXP, TomTom, DAF, and the Eindhoven University of Technology create the smart mobility solutions of tomorrow.

Ground breaking technologies

Smart mobility is the solution to keep society safer, more accessible, and habitable: online platforms for shared car usage, integrated Wi-Fi-points which allow vehicles to communicate with each other and the roads or tools and algorithms that collect traffic information from social media in real time. Besides this, the Automotive Campus is working on a 5G network throughout the whole campus as part of its smart mobility strategy. These are some of the ground breaking technologies being developed and tested at the Automotive Campus. Our community offers everything needed to do so: a high level of knowledge, effective partnerships and all the facilities needed for virtual and real-life testing. This makes the campus the hotspot for anyone working on smart mobility solutions.

At the Automotive Campus you will find the best of the best when it comes to green mobility. One promising startup is Lightyear. By optimizing aerodynamics and lightweight materials Lightyear develops an electric car that is charging itself from solar cells built into the roof of the car. This unique quality allows it to drive for months without charging. The battery ensures that the car can be driving drive anytime, even at night.

The future of green mobility starts here

Renowned research institute TNO is, in collaboration with the government and companies, both on and off campus introducing autonomous vehicles to public roads. Altran, also based on the Automotive Campus, has made an important contribution to the development of the MAN electrically powered truck. VDL brings, together with DAF, electric trucks to the market. In collaboration with a student team VDL is making trucks fuelled by formic acid. This student team is now spinning off on it is own. The newly founded company DENS further develops the technology of using formic acid as a liquid energy carrier. By developing and building stationary power generations which efficiently store and regenerate renewable energy regardless of time and place, the goal is to replace all combustion engines. The future of the automotive industry starts when businesses, knowledge institutes, and students join forces and share knowledge.

Chief Executive Officer Kelvin Lim of Durapower
"The Automotive Campus and the regional network for green mobility in the region play a major role in the international development of electric mobility. Our presence on the campus therefore offers a great opportunity to strengthen our position in the global market for green energy solutions."

President and General Manager Tim Lee of Delta Electronics
"Delta Electronics' choice for the Automotive Campus Helmond is in line with Delta's commitment to the automotive, energy-infrastructure and automation markets. We are preparing for future growth as we invest in new energy efficient offices and labs, important for the future growth of Delta in the EMEA region"

YOUR PARTNER IN **GREEN MOBILITY**

YOUR PARTNER FOR **MEETING & EVENTS**

Many activities each year to stimulate innovation and collaboration

Seminars, workshops, network events, multi-day test fests, meetings, and other events that promote the sharing of knowledge and working together. The Automotive Campus hosts around 600 activities a year. Businesses, knowledge institutes, educational institutes, governments, and parties from all kinds of sectors come together and get inspired by one another and by the innovations that are created, developed, and tested at the campus. It's a place where many special partnerships between global leading players are made.

Your event at the Automotive Campus

The Automotive Campus is located in the heart of Brainport. Here you'll find the automotive and high-tech top of Europe, connected through the sharing of knowledge and open innovation. It makes the campus the perfect location for your event. The campus has a variety of halls, exposition spaces, auditoriums, and conference rooms, outfitted with any audio-visual equipment and other facilities that you might need for your event or presentation. We also have close ties to supporting businesses such as event planners, caterers, sound technicians, and stage and tent builders.

Our power? Taking your event even further

Our added value lies in developing a strong concept. We help you plan and bring you into contact with the right people. This way, we can advise you on how to include relevant developments into your event or which parties or media you can invite. We can introduce you to engineers and speakers who would be great additions to your programming. Your event will always be bigger and better here: that is the power of the campus as an event location.

ARE YOU OUR NEXT PARTNER?
DISCOVER THE POSSIBILITIES

Can your business make a valuable contribution to our unique ecosystem, where collaboration and innovation are paramount? Then the business developers of the Automotive Campus will help create the perfect place for you here.

INTRODUCTORY PROGRAM FOR START-UPS

Do you want to start a business or do you have an innovative concept? And are you looking for the fastest way to connect with partners and clients in the automotive and mobility field? The business developers of the Automotive Campus and Shift2Start support start-ups in achieving these goals.

FLEXIBLE OFFICE SPACES

Are you an innovative start-up, self-employed or a student in the automotive, mobility, or tech industry and are you looking for an inspiring place to work? Whether you're by yourself or you have colleagues, self-employed or part of an organisation, the FlexOffice at the Automotive House is the solution to your temporary office space needs. Here you'll find ready-to-use flex workspaces, from large to small, as well as access to meeting and exposition spaces, and our campus restaurant.

For businesses the campus offers office spaces in all shapes and sizes, but also production spaces and industrial halls. Would you prefer your own custom-built real estate? The campus is still in development, with plenty of space to build. From buying to renting and from existing buildings to new construction: no matter your needs, we will help guide you in the process.

ACCESSIBILITY BY PUBLIC TRANSPORT

ARRIVAL BY TRAIN AT NS STATION HELMOND
Take the city bus 150 towards the station 't Hout leaving every half hour. Get off the bus at the stop 'Automotive Campus'.

ARRIVAL BY TRAIN AT NS STATION 'T HOUT (HELMOND)
Follow the route signs for Automotive Campus after arrival, you will be guided to the Automotive Campus via the shortest route. The walking route is 15 minutes.

NETWORK ORGANISATION AUTOMOTIVENL

The campus houses AutomotiveNL. AutomotiveNL is the Dutch cluster organisation for the automotive industry, mobility sector, and automotive education, and has over 170 members. This organisation promotes effective collaborations between businesses in the automotive sector, as well as governments, international sector organisations, and companies in our high-tech region. Making connections with interesting parties in the rest of the Netherlands has never been easier.

FOOD & DRINKS

The automotive campus offers many opportunities for events, meetings and drinks. These are provided by the on-campus hospitality company De Steenoven. From breakfast to lunch and dinner you are at the right place, we will make sure that everything works smoothly.

AUTOMOTIVE HOUSE

The heart of the Automotive Campus, Automotive House, has five meeting rooms, suitable for groups of up to 100 persons. Except of one, every meeting room has natural daylight, full AV facilities and ultra-fast Wi-Fi.

CONTACT US

Are you interested in joining the Automotive Campus?
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