



hannoverimpuls

# Hannover - Eyeing up your new location!

- ) Free work and office space
- ) Intensive networking
- ) Strategic coaching
- ) Many extras

**Apply now!**

For your successful  
start-up or business  
relocation in  
Hannover Region

**Plug & Work**

Promoting business  
Mobilising capabilities  
Securing the future



## Plug & Work opens doors for your business in Hannover

# ) Motivation

## Introducing the concept for success

Getting started is never easy. Except, that is, with Plug & Work, hannoverimpuls' start-up and relocation competition. Come to Hannover and play a part in shaping the location of the future. We are looking for companies and founders with convincing business concepts and promising ideas, intelligent products, interesting research projects or innovative services.

Plug & Work offers you the ideal conditions for an entry to the market in Hannover Region offering many opportunities and accompanies you in addition with professional support on your way to securing sustainable business success. Make the most of this chance and take advantage of our offer:

- ▶ 1 year rent-free office, production or laboratory space
- ▶ Intensive networking
- ▶ Strategic coaching
- ▶ Hannover Welcome Package with many extras

Find out more at [www.hannoverimpuls.de/plugandwork](http://www.hannoverimpuls.de/plugandwork) and send us your company profile!

## Your application for success!

If you can demonstrate that the company you envisage starting up is made ready for the market or you can show that by your company's relocation you can offer promising perspectives for the region, apply now for your success in Hannover. With Plug & Work we can add momentum to your business success in six industries which are fit for the future:

- ) Automotive
- ) Energy Solutions
- ) Information and Communications Technology
- ) Life Sciences
- ) Optical Technologies
- ) Production Engineering

## Contents

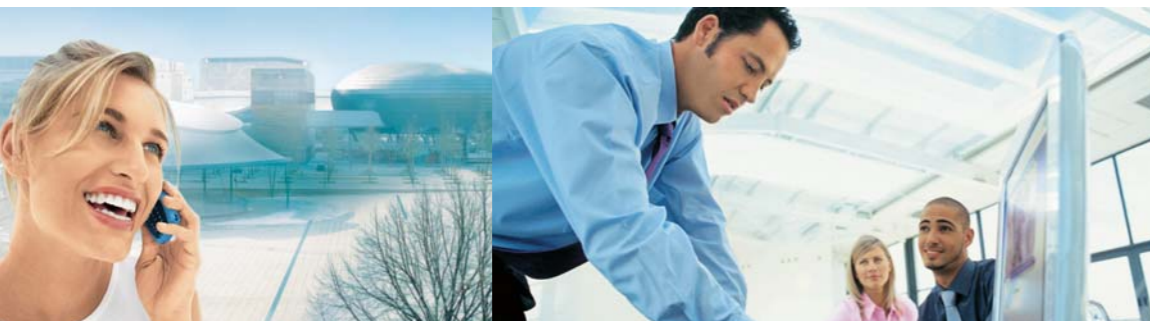
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## ) Offer

### Our offer for your business success

Get started with us. Take advantage of the attractive support we are offering for a whole year to the successful relocation of your company or start-up of your new business in Hannover Region. The competition offers ideal conditions for an entry to the market offering many opportunities and provides professional support on your way to sustainable business success.

- ▶ A whole year of **rent-free furnished office, production or laboratory space** at selected industry-specific locations.
- ▶ **Networking** via membership in industry networks, participation in events and seminars, such as industry forums at which you can make new contacts and discuss the very latest issues affecting your industry.
- ▶ **An individual starter package** which includes the following services:
  - ) **Strategic coaching** - An excellent pool of corporate consultants are ready and waiting to offer four coaching units
  - ) **Competence development** - You have the opportunity to analyse your entrepreneurial competence and its further development by individual measures
  - ) **Health management** - The opportunity to implement the right occupational health from the start
  - ) **Flexible childcare** - Up to 5 days of emergency childcare service and advice by a competent partner on site
  - ) **Software** - A teamwork and support package is provided
  - ) **IT support** - IT consultants are available for supporting you in implementing a suitable IT structure and accompany you in your further development
  - ) **Telephone support** - The services of a telephone exchange are made available
  - ) **Hannover Welcome Package** - Including free tickets to various events in Hannover and information about the latest attractions in the region



## ) Competition

### Plug & Work

Four times a year, Plug & Work offers you the chance of winning one year of rent-free office, work or laboratory space at selected industry-specific locations. Interested business founders and entrepreneurs submit applications with their corporate profiles. Our interdisciplinary jury awards prizes at the **end of every quarter** to the best ideas presented by companies locating to Hannover or start-ups.

### Three steps to success

- ▶ **Step 1:** Complete our **short online application form** at [www.hannoverimpuls.de/plugandwork](http://www.hannoverimpuls.de/plugandwork). You will be asked to answer a few basic questions, such as:
  - ) What industry do you operate in?
  - ) Is it a start-up or a relocation in Hannover?
  - ) What precisely are the products or services you are offering?
- ▶ **Step 2:** If you are qualified as the kind of entrepreneur we are looking for, we will ask you to write up and send us your detailed ideas and plans for success in **the last week of every quarter** (see [www.hannoverimpuls.de/plugandwork](http://www.hannoverimpuls.de/plugandwork) for precise deadlines). This profile will be added to the information provided in our online application and will be used to evaluate your business potential for Plug & Work. The profile should include the following:
  - ) Details of your company, such as legal form, year of formation, balance sheets
  - ) Details of your products/services and customer benefits
  - ) Information about your market and competitive advantages
  - ) Financial planning
  - ) Your Plug & Work strategy and the objectives you wish to achieve in Hannover Region
- ▶ **Step 3:** A cross-industry jury and hannoverimpuls will use your written application and the recommendations of a selection committee to choose relocation and start-up companies for the services of Plug & Work. **The results are communicated at the end of the quarter.**

The prize winners will be notified and will move in their new site - together with other selected companies - within three months of the prize award and will be able to begin using our starter package services right away.

**More information about Plug & Work can be found at [www.hannoverimpuls.de/plugandwork](http://www.hannoverimpuls.de/plugandwork)**

# ) Automotive



## Your location

Space is available for production and assembly operations right at the heart of Hannover's automotive industry, such as the Continental AG plant site. Compressed air, steam, vacuum, recirculation water, nitrogen and a central power supply are all ready and waiting to be used.

The **Produktionstechnisches Zentrum Hannover (PZH)** (i.e. Hannover Production Engineering Centre) is a classic case of how research and industry can closely cooperate. Six institutes of the "Leibniz Universität Hannover", industry partners and young technology firms work together on 22,000 m<sup>2</sup> under a single roof. The PZH offers its human and material resources - space, equipment, machines, personnel - to production engineering companies and provides optimum scientific and high-quality support designed to enhance businesses' R&D potential. An industrial zone which is the base for high-tech firms in the immediate vicinity of the PZH has additional space available for business start-ups and relocations in Hannover.

The **Projektzentrum Automotive** is the first point of call for companies seeking scientific answers to technical issues in the automotive industry. It acts as a conduit to potential project partners able to help with your specific inquiry, brings you and specialists together during the project clarification phase, designs project organization and, if required, gets projects up and going. If necessary, the center also organizes the involvement of other companies in your research and development projects.

Benefit from the one year's rent-free office, production or laboratory space which Plug & Work offers in this industry setting. Or just get in touch with us if you have an alternative location in mind.

### ▶ Automotive contact

Hannover Fabrik e.V.  
Martin Singelmann  
Tel. +49(0)511 5903537  
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## The industry

A defining feature of the automotive sector in the Hannover Region is "Volkswagen Nutzfahrzeuge" (i. e. commercial vehicles) headquarters and global systems suppliers Continental AG and WABCO. Together, these companies are a business force to be reckoned with as well as being important sources of jobs and demand for product and product-related goods and services.

A special location factor for the automotive industry in Hannover Region is its broad-based research environment which is home to around forty institutes and university-level bodies involved in automotive technology research. Whether you need input into technology-related issues or design experiments, there are plenty of experts and scientific professionals available to support you on site. The rubber-processing industry also plays an important role in Hannover. Major rubber-processing companies such as Continental or ContiTech, "Jäger Gummi und Kunststoff" and Siegling work together with the "Deutsches Institut für Kautschuktechnologie DIK (i.e. German Institute for Rubber Technology) to create a powerful, globally pre-eminent network in this field.

## The Automotive industry in Hannover Region

- ▶ **Automotive Project Center** [www.projektzentrum-automotive.de](http://www.projektzentrum-automotive.de)
- ▶ **PZH - Hannover Center for Production Technology** [www.pzh-hannover.de](http://www.pzh-hannover.de)
- ▶ **LZH - Hannover Laser Center** [www.lzh.de](http://www.lzh.de)
- ▶ **MZH - Hannover Mechatronics Center** [www.mzh.uni-hannover.de](http://www.mzh.uni-hannover.de)
- ▶ **IPH - Institute of Integrated Production Hannover** [www.iph-hannover.de](http://www.iph-hannover.de)
- ▶ **DIK - German Institute of Rubber Technology** [www.dikautschuk.de](http://www.dikautschuk.de)
- ▶ **Leibniz University of Hannover** [www.uni-hannover.de](http://www.uni-hannover.de)  
Faculties of Electrical and Electronic Engineering and IT, Mechanical Engineering
- ▶ **University of Applied Sciences and Arts** [www.fh-hannover.de](http://www.fh-hannover.de)  
Electronic Engineering and Information Technology,  
Mechanical Engineering and Bioprocess Engineering Faculties
- ▶ **IAA Commercial Vehicles** [www.iaa.de](http://www.iaa.de)
- ▶ **Hannover Messe** (i.e. Hannover trade fair) [www.hannovermesse.de](http://www.hannovermesse.de)



### **Marcus J. F. Dirks, Member of the Company Board - Joh. Friedrich Dirks GmbH & Co. KG**

"Hannover is not just a classic automotive location, it is also situated ideally at the hub of major European transport routes. As far as Dirks Automotive is concerned, as a service provider, supplier and logistics enterprise operating in the automotive industry, the most important thing for us is proximity to the customer and access to innovative projects. All of which can be found here in Hannover."

# ) Energy Solutions



## Your location

The **Technologie-Centrum Hannover (TCH)** is situated close to the city center with ideal access to public transport and motorway feeder roads - in a representative, listed building dating from the early days of Hannover's Wilhelminian period. Short distances between the different institutes and university faculties, private and public institutions, industry lobbies and potential suppliers, market partners and funding agencies are guaranteed.

On a total of 6,560 m<sup>2</sup> the area provides office space for business start-ups and young companies. As well as optimum integration in existing research, development and application networks, companies based in this area also benefit from small units for rent. The office space available grows as businesses expand. The TCH offers services designed to help start-up businesses, to assist professionals moving into self-employment, as well as knowledge and technology transfer for small and medium-sized enterprises plus consulting and combined innovation-oriented funding concepts.

### The TCH offers:

- ) Office space of 20 m<sup>2</sup> and more
- ) Variable rental units
- ) Central reception including post, telephone and fax service
- ) Central telephone and internet connectivity
- ) Central copying and print room
- ) Conference rooms, including optional equipment, catering and beamer
- ) Parking space next to the building



Benefit from the one year's rent-free office, production or laboratory space which Plug & Work offers in this industry setting. Or just get in touch with us if you have an alternative location in mind.

### ▶ Energy Solutions contact

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### Stefan Dammann, Spokesperson of PowerSol GmbH

"We made a conscious decision to develop and produce our high-tech evacuated collectors for solar process heat production in Hannover Region. Besides the large network of companies, institutions and universities working on the efficient and environmentally friendly power solutions of the future, the region also has a well-established track record of providing outstanding political and administrative support and funding for the development of renewable energies. Together with the "Produktionstechnisches Zentrum Hannover" and the "Laser Zentrum Hannover", we are currently working on the design of an ultra-efficient production plant which we intend to use to secure a sustainable competitiveness on international level."

## The industry

Energy technology, energy efficiency and regenerative energy generation are the strengths of Hannover Region in this sector. Companies have been engineering the future of integrated, highly efficient, sustainable and future-proof energy here for nearly 20 years. The "Klimaschutzagentur der Region Hannover" (i.e. Climate Protection Agency) and the "Kompetenzzentrum für Energieeffizienz" (i.e. Competence Center for Energy Efficiency) provide a vital networking forum for system suppliers, consultants, political institutions, customer representatives, local energy suppliers and science. The outstanding national "enercity-Fonds proKlima" (i.e. Climate Protection Fund) has been promoting CO<sub>2</sub>-efficient energy saving in households, commercial enterprises, production technologies, pilot plants and further education measures since 1998, with an annual budget of up to five million Euros.

The liberalization of the energy market, market acceptance of sustainable energy generation and long-term and intensive promotion of efficiency measures - both locally and at the national level - have turned Hannover Region into a leading location for low or zero-emission energy solutions.

A large number of commercial and scientific organizations is active in the region. Only a few examples are the City of Hannover's own public utility, "Stadtwerke Hannover AG (enercity)", the EON Group with its power station subsidiaries "Windwärts", "Essent", "AS Solar" and "Geozentrum Hannover", communal heating power station manufacturers "Energiewerkstatt" and "KraftWerk", the "Energie- und Umweltzentrum" (i.e. Energy and Environment Centre), the "Institut für Bauforschung" (i.e. Institute of Building Research) and diverse institutes and faculties based at Hannover's universities.

## Energy Solutions in Hannover Region

- ▶ **Hannover Region Climate Protection Agency** [www.klimaschutz-hannover.de](http://www.klimaschutz-hannover.de)
- ▶ **Competence Center for Energy Efficiency** [www.k-eff.de](http://www.k-eff.de)
- ▶ **Cryo-Engineering and Heat Pump Research Center** [www.fkw-hannover.de](http://www.fkw-hannover.de)
- ▶ **Institute of Construction Research** [www.bauforschung.org](http://www.bauforschung.org)
- ▶ **Hannover District Heating Research Institute** [www.fernwaerme.de](http://www.fernwaerme.de)
- ▶ **Hannover Geo-Center** [www.geozentrum-hannover.de](http://www.geozentrum-hannover.de)
- ▶ **Leibniz University of Hannover** [www.uni-hannover.de](http://www.uni-hannover.de)
  - ▶ **IFBP - Institute for Building Physics** [www.ifbp.uni-hannover.de](http://www.ifbp.uni-hannover.de)
  - ▶ **ISAH - Institute of Sanitary Water Engineering and Waste Disposal Technology** [www.isah.uni-hannover.de](http://www.isah.uni-hannover.de)
  - ▶ **IFT - Institute of Thermodynamics** [www.ift.uni-hannover.de](http://www.ift.uni-hannover.de)
  - ▶ **IFT - Institute for Continuous-Flow Machines and Fluid Dynamics** [www.tfd.uni-hannover.de](http://www.tfd.uni-hannover.de)
  - ▶ **Institute for Steel construction** [www.stahlbau.uni-hannover.de](http://www.stahlbau.uni-hannover.de)
- ▶ **University of Applied Sciences and Arts** [www.fh-hannover.de](http://www.fh-hannover.de)  
Including the Bioprocess Engineering, Electronic Engineering and Information Technology, Architecture and Construction Engineering faculties
- ▶ **enercity-Fonds proKlima** [www.proklima-hannover.de](http://www.proklima-hannover.de)
- ▶ **Hannover Messe** with the leading international fair "Energy" [www.hannovermesse.de](http://www.hannovermesse.de)





## Your location

Together with the architecture for the EXPO 2000, the EXPO Park with its 65 hectares of IT and multimedia campus convinces, above all, by its proximity to companies and scientific institutions and its direct vicinity to the trade fair grounds and the CeBIT. Around 110 business organizations employing approximately 1,800 people and over 3,500 students are all busy at work in this state-of-the-art service, education and science park.

The EXPO Park is an established centre for IT-focused education institutes and is not only home to a multimedia vocational school but also to several faculties of the "Fachhochschule Hannover", and the "Hochschule für Musik und Theater" (i.e. University of Music and Drama). The "nordmedia GmbH" is the media company of the Federal States Lower Saxony and Bremen and one of the most important national institutions operating from the grounds.

**CampMedia** is the start-up centre for ICT companies which is based directly at the EXPO Plaza. This modern office complex offers young and innovative companies office space of between 20 m<sup>2</sup> and 48 m<sup>2</sup> and an outstanding infrastructure on an area of 4,250 m<sup>2</sup>.

Benefit from the one year's rent-free office, production or laboratory space which Plug & Work offers in this industry setting. Or just get in touch with us if you have an alternative location in mind.

### ▶ ICT contact

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## The industry

Hannover Region is an established international location for Information and Communications Technology. ICT specialists and decision-makers not only meet here at the CeBIT, the biggest international ICT trade fair in the world, research, science and business, ICT companies and communication media can also all be found in the immediate vicinity. Around 1,200 ICT firms employing approximately 23,000 people operate in Hannover Region. 25 scientific institutes and research institutions enjoy an excellent reputation and a large number of training and further education organizations generate outstandingly well qualified personnel for the industry.

Companies and research institutions can rely on the competence centre of the industry **Hannover IT** for the implementation of their IT ideas and projects and can draw on the resources available in a potent network of IT companies. Cooperations between business and science are promoted, innovations developed and working groups formed. Hannover IT also supports business start-ups and helps IT companies to establish international contacts.

## IuK in Hannover Region

- ▶ **EXPO Park Hannover** [www.expo-park-hannover.de](http://www.expo-park-hannover.de)
- ▶ **Hannover IT** [www.HannoverIT.de](http://www.HannoverIT.de)
- ▶ **nordmedia - media sponsoring institute of the States of Lower Saxony and Bremen** [www.nordmedia.de](http://www.nordmedia.de)
- ▶ **L3S Research Center** [www.l3s.de](http://www.l3s.de)
- ▶ **Leibniz University of Hannover** [www.uni-hannover.de](http://www.uni-hannover.de)  
Faculties of Electrical and Electronic Engineering and IT
- ▶ **University of Applied Science and Arts** [www.fh-hannover.de](http://www.fh-hannover.de)  
Faculties of Electronics and Information Technology; Media, Information and Design; Business and Computer Science
- ▶ **University of Applied Sciences (FHDW)** [www.fhdw.de](http://www.fhdw.de)
- ▶ **MultiMedia Professional Training Schools** [www.mmbbs.de](http://www.mmbbs.de)
- ▶ **CeBIT** [www.cebit.de](http://www.cebit.de)
- ▶ **Multimedia Network Lower Saxony** [www.2n.net](http://www.2n.net)

### Ralf Kleint, Managing Director of htp GmbH

"The EXPO Park offers the very best conditions for young companies. Especially for companies operating in the Information and Communications Technology, it has an extraordinarily good infrastructure. Also htp explicitly chose this location in 2004. In the past years, due to the initiative Plug & Work, many innovative companies have joined us. Of course, we are quite interested in supporting our "neighbours" by internet and telephone connections."



# ) Health Management/Life Sciences



## Your location

The **Medizinische Hochschule Hannover** (i.e. Hannover Medical School) and the **Medical Park** form the core of a health management and research area actively grown in the east of Hannover. Here, various kinds of space in immediate proximity to excellent research, educational and medical specialist care facilities are available. Whether S3 laboratories, office space or medical office, small rooms or new buildings: in direct vicinity to successful companies from the areas of biotechnology, medical technology and health management optimum spaces for companies locating to Hannover are available.

The "Medizinische Hochschule Hannover (MHH)", the "Fraunhofer Institut für Toxikologie und Experimentelle Medizin (ITEM)" as well as the "International Neuroscience Institute (INI)" are all within walking distance. The "Tierärztliche Hochschule" (i.e. University of Veterinary Medicine), Solvay Germany, the future European research institute for veterinary vaccines of "Boehringer Ingelheim" and the "Leibniz Universität Hannover" are all just a few minutes drive or tram journey away.

There are many cooperation opportunities with companies, excellent medical specialist care institutions and nursing as well as international teams of researchers. One of the major advantages which Hannover offers as a health management location is its outstanding research and university environment and the broad spectrum of different types of companies which have set up base here. The region is home to around 150 firms operating in the medical technology, biotechnology, pharmaceuticals and chemistry.

Benefit from the one year's rent-free office, production or laboratory space which Plug & Work offers in this industry setting. Or just get in touch with us if you have an alternative location in mind.

### ▶ Life Sciences contact

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**Frank Schneider, Company Chairman, SOLVAY GmbH**

"SOLVAY GmbH has its head office in Hannover - and Hannover plays a very important role in our company group. Because the city and the region both unambiguously affirm the importance of science and research and welcome business development and innovations, companies in our industry know exactly where they stand as far as their own planning and decision-making is concerned. The result of all these location factors and developments is a top position in Germany's pharmaceuticals, life sciences and medical technology industries."

## The industry

The region's outstanding and internationally recognized competences in the field of health management/life sciences are focused primarily in pre-clinical and clinical research, infection biology, transplantation medicine, regenerative medicine, proteomics, biophotonics and biomedical technology. In the hearing centre of "**Medizinische Hochschule Hannover**" the highest number of cochlea implants worldwide is applied per year. It seems natural for the important manufacturers for cochlea implants "Cochlear GmbH" and "Advanced Bionics" to locate to Hannover. The access to the strong network in the area of biomedical technology is enabled via the "**Zentrum für biomedizinische Technik und Innovation**" (BiomeTI). The target of BiomeTI is to encourage the transfer of knowledge and technology between clinical medicine, engineering and business to enable the access of industry to research capacities and transforming the results of research in biomedical technology into viable business propositions. The **Hannover Clinical Trial Center GmbH (HCTC)** organizes the management of clinical studies according to international standards and combines academically-oriented clinical research with a business-based service structure. The range of services includes the design and administrative processing of studies as well as data collection and evaluation.

## Life Sciences in Hannover Region

- ▶ **BiomeTI Project Center** [www.biometi-hannover.de](http://www.biometi-hannover.de)
- ▶ **Boehringer Ingelheim** [www.boehringer-ingelheim.de](http://www.boehringer-ingelheim.de)
- ▶ **CROSSBIT Group Centre for Biocompatibility and Implant Immunology** [www.crossbit.eu](http://www.crossbit.eu)
- ▶ **Exzellenzcluster REBIRTH** [www.rebirth-hannover.de](http://www.rebirth-hannover.de)
- ▶ **Fraunhofer Institute for Toxicology and Experimental Medicine (ITEM)** [www.item.fraunhofer.de](http://www.item.fraunhofer.de)
- ▶ **Hannover Biomedical Research School (HBRS)** [www.mh-hannover.de/hbrs.html](http://www.mh-hannover.de/hbrs.html)
- ▶ **Hannover Clinical Trial Center GmbH** [www.clinical-trial-center.de](http://www.clinical-trial-center.de)
- ▶ **International Neuroscience Institute** [www.ini-hannover.de](http://www.ini-hannover.de)
- ▶ **Competence Centre Cardiovascular Implants** [www.kompetenzzentrum-medimplant.de](http://www.kompetenzzentrum-medimplant.de)
- ▶ **Hannover Laser Center (LZH)** [www.lzh.de](http://www.lzh.de)
- ▶ **Leibniz University of Hannover** [www.uni-hannover.de](http://www.uni-hannover.de)
- ▶ **Leibniz Research Laboratories for Biotechnology** [www.lebao.de](http://www.lebao.de)
- ▶ **Hannover Medical School (MHH)** [www.mh-hannover.de](http://www.mh-hannover.de)
- ▶ **Solvay GmbH** [www.solvay.de](http://www.solvay.de)
- ▶ **Hannover School of Veterinary Medicine** [www.tiho-hannover.de](http://www.tiho-hannover.de)
- ▶ **Twincore Centre for Experimental and Clinical Infection Research** [www.twincore.de](http://www.twincore.de)
- ▶ **VIANNA - Group Institution for Audioneurotechnology and Nanobiomaterials** [www.mhh-hno.de/sfb599](http://www.mhh-hno.de/sfb599)

Implants

Regenerative Medicine

Biophotonics

Tissue Engineering

Biomedical Engineering

Proteomics

Prehospital Research

Infection Biology

# ) Optical Technologies



## Your location

The **SIAG Science Park** has been one of the Federal State of Lower Saxony's most successful business platforms since its inception back in 1990. Young and established technology companies - including in particular micro-electronics, laser technology, bioinformatics, software development and qualification firms - benefit from the space, facilities and service available on an area of 11,100 m<sup>2</sup> as a secure base for their market activities. The comprehensive infrastructure includes computer cabling (copper CAT 5 and LWL), laboratory rooms, cleanrooms and air conditioning. IT users have access to network installations with secured servers.

### Additional Services:

- ) Cleanroom areas (class 10,000)
- ) Use of UNIX and Windows Server, including firewall and back-up system
- ) Training and seminar rooms
- ) Reception and telephone exchange
- ) Staff canteen and guest catering facilities
- ) Plattform for business partnering
- ) Support creating business plans and financing concepts
- ) Marketing support for innovative products and services
- ) Participation in viable future-proof companies in the pre-seed and seed phase

Benefit from the one year's rent-free office, production or laboratory space which Plug & Work offers in this industry setting. Or just get in touch with us if you have an alternative location in mind.

### Optical Technologies contact

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Martin Singelmann  
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Martin.Singelmann@Hannover-Fabrik.de



## The industry

There is a long tradition of optical technologies in Hannover Region. The "Laser Zentrum Hannover (LZH)" has been a leading international research institute in the field of applied laser technology for over 20 years. Leaders on the world market for automatic inspection and x-ray technology are also based in Hannover. A good demonstration and example of the capabilities of technology made in Hannover is the smallest puzzle in the world - cut out of paper using laser technology - or the construction of an instrument for measuring gravitational waves in the universe with a laser which was also developed by the LZH.

PhotonicNet, the Lower Saxony optical technology competence center, and OptecNet Deutschland e.V., the association of the German regional competence networks for optical technologies - two more strong platforms for the promotion of the industry - are also based in the region. As a high-tech growth region for optical technologies, Hannover offers ideal launch pad conditions for successful companies: know-how of the very highest international standing, optimum networks, a qualified workforce and top-class office, laboratory and production areas.

## Optical Technologies in Hannover Region

- ▶ **Hannover Laser Center (LZH)** [www.lzh.de](http://www.lzh.de)
- ▶ **SIAG Science Park** [www.siag-mbh.de](http://www.siag-mbh.de)
- ▶ **PhotonicNet** [www.photonicnet.de](http://www.photonicnet.de)
- ▶ **OptecNet Deutschland e.V.** [www.optecnet.de](http://www.optecnet.de)
- ▶ **Hannover Center for Production Technology (PZH)** [www.pzh-hannover.de](http://www.pzh-hannover.de)
- ▶ **Leibniz University of Hannover** [www.uni-hannover.de](http://www.uni-hannover.de)  
with diverse institutes specializing in the fields of quantum optics, measurement technology, image processing, photogrammetry, geodatics and microelectronics
- ▶ **University of Applied Science and Arts** [www.fh-hannover.de](http://www.fh-hannover.de)  
Sensor and automation technology degree course
- ▶ **Hannover Messe** [www.hannovermesse.de](http://www.hannovermesse.de)



**Dipl.-Ing. Bernd Lange, CEO of LPKF Laser & Electronics AG**

"Hannover is just the right place for high-tech companies like LPKF. Local scientific expertise is available from the "LZH Laser Zentrum Hannover" which is a leading international player in its field. The "Laser Akademie" guarantees a reliable supply of qualified staff."



# ) Production Engineering



## Your location

The **Produktionstechnisches Zentrum (PZH)** stands for the close cooperation between research and industry. 400 scientists from six production engineering institutes based at the "Leibniz Universität Hannover" work and undertake research with industry partners and colleagues in young technology firms under a single roof on an area of 22,000 m<sup>2</sup>. A fully developed industrial park in the immediate vicinity of the PZH which is already home to high-tech firms offers additional space for relocations and start-ups.

### The PZH offers:

- ) High-quality machine tools and systems for all production processes
- ) State-of-the-art measuring technology and analysis methods for production engineering applications
- ) Cleanroom (350 m<sup>2</sup>, class 100)
- ) Access to the German research network
- ) Services for companies operating in materials, production engineering, thin film technology, measuring and drive technology, automation, assembly, logistics, CA technologies, simulation
- ) Office and factory space for start-up businesses
- ) Event and seminar rooms for up to 150 people

Benefit from the one year's rent-free office, production or laboratory space which Plug & Work offers in this industry setting. Or just get in touch with us if you have an alternative location in mind.

### Production Engineering contact

Hannover Fabrik e.V.  
Martin Singelmann  
Tel. +49(0)511 5903537  
Martin.Singelmann@Hannover-Fabrik.de



### Marius Müller-Seegers, Managing Director, Produktionstechnisches Zentrum Hannover

"The PZH provides an ideal platform for innovative and interdisciplinarily active companies. The communicative design of the building and the excellent infrastructure provide the companies with an access to an expert network which we have to daily rely on as general planners for the factory in planning as well as in realising projects. We are pleased to note that by the measures of Plug & Work companies find support in start-up and also new ideas always find their way to the PZH."

## The industry

The quality of research services in production engineering is apparent from the names of the industry partners involved such as BMW, Daimler and local companies Volkswagen and brake system manufacturer WABCO all tap into and exploit the research undertaken in Hannover, as do other companies such as Airbus, Alstom, Siemens, Sennheiser or the steel conglomerate Salzgitter AG. Traditionally, Hannover has been the home of classic mechanical engineering and tool making. However, technical services are a new key area and the segment generating the most sales. Electronic components and equipment are now also experiencing a similar trend.

The project centre **Hannover Fabrik** (i. e. Hannover Factory) is the cooperation network for production and production engineering based in Hannover. The organization functions as an information platform and addresses its services to research institutions, service companies, equipment manufacturers, machine and plant engineering firms as well as production companies and other users of production engineering. Contacts with suppliers and cooperation partners in research, development, detail engineering, mechanical engineering and production are made and access provided to funding. The uncomplicated exchange of knowledge and highly-specific cooperation support generate new ideas for joint projects and enable new opportunities to be seized and new customer groups acquired.

## Production Engineering in Hannover Region

- ▶ **Hannover Fabrik** [www.hannover-fabrik.de](http://www.hannover-fabrik.de)
- ▶ **PZH - Hannover Center for Production Technology** [www.pzh-hannover.de](http://www.pzh-hannover.de)
  - ▶ **IFA - Institute of Factory Plant and Logistics** [www.ifa.uni-hannover.de](http://www.ifa.uni-hannover.de)
  - ▶ **IFW - Institute of Production Engineering and Machine Tools** [www.ifw.uni-hannover.de](http://www.ifw.uni-hannover.de)
  - ▶ **IFUM - Institute of Forming Technology and Machines** [www.ifum.uni-hannover.de](http://www.ifum.uni-hannover.de)
  - ▶ **IMT - Institute of Microtechnology** [www.imt.uni-hannover.de](http://www.imt.uni-hannover.de)
  - ▶ **ITA - Institute of Transport and Automation Engineering** [www.ita.uni-hannover.de](http://www.ita.uni-hannover.de)
  - ▶ **IW - Institute of Materials Science, including Underwater Technology Center** [www.iw.uni-hannover.de](http://www.iw.uni-hannover.de)
- ▶ **MZH - Hannover Mechatronics Center** [www.mzh.uni-hannover.de](http://www.mzh.uni-hannover.de)
- ▶ **LZH - Hannover Laser Center** [www.lzh.de](http://www.lzh.de)
- ▶ **IPH - Institute of Integrated Production Hannover** [www.iph-hannover.de](http://www.iph-hannover.de)
- ▶ **Leibniz University of Hannover** [www.uni-hannover.de](http://www.uni-hannover.de)  
Faculties of Electrical and Electronic Engineering, IT and Mechanical Engineering
- ▶ **University of Applied Science and Arts** [www.fh-hannover.de](http://www.fh-hannover.de)  
Faculties Electrical and Information Technology, Mechanical Engineering and Bioprocess Engineering
- ▶ **Hannover Messe** [www.hannovermesse.de](http://www.hannovermesse.de)

# ) Hannover - The right decision!

## Welcome to Hannover

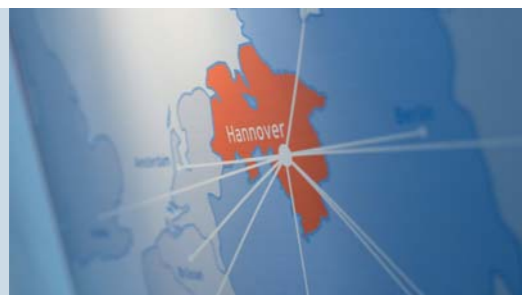
Hannover - A Federal State capital city surrounded by idyllic countryside: a multi-faceted, international setting to relax and enjoy. Countless tourist attractions, an extremely diverse range of leisure and cultural pursuits, ideal shopping and attractive events offer unparalleled quality of living for everybody working and living here. Whether the international fireworks competition, the "Swinging Hannover" Jazz festival, the world's biggest shooting match and fair or the Maschsee Lake Festival - in Hannover there's always something to celebrate. Recreation can be found in the peace and quiet of Europe's most extensive urban forest (the Eilenriede), the baroque "Herrenhäuser Gärten" (i. e. Royal Gardens of Herrenhausen) or sailing paradise on the "Steinhuder Meer". Or, alternatively, embark on a journey of discovery in Europe's top adventure zoo or visit the tropical SEA LIFE aquarium.

## Business and research

Hannover is not only renowned throughout the world as the venue for numerous international trade fairs, it also has an outstanding reputation as a university city which is home to distinguished centres of research and as a think tank and source of many innovative technological developments. An extraordinarily high concentration of illustrious companies operating in growth industries, extensive networks and an internationally recognized research environment offer the very best conditions for the intensive transfer of know-how and technology.

## Optimum transport connections

Hannover's role as an international business and research location is also facilitated by a central geographical position which makes it especially attractive to businesses. Situated where the most important east-west and north-south road and rail routes meet, with an international airport of its own, in Hannover the world's your oyster. As far as we are concerned, you won't find better transport links in any city anywhere.



**With Plug & Work we offer you ideal conditions for your successful market launch in Hannover and the region**



## Welcome to hannoverimpuls

hannoverimpuls is the business development company for the city and Hannover Region. Our mission is to further develop the competitiveness of the business location in a future-oriented way and to promote and support the start-up, growth and relocation of companies in our area.

The focus is on six key industries identified in Hannover Region as having particularly sustainable growth potential and major innovation and job creation power: Automotive, Energy Solutions, Information and Communications Technology, Life Sciences, Optical Technologies and Production Engineering.

Our services range from start-up competitions and seminars through to targeted promotion of cooperation projects between business and science and the active support for relocation projects right up to assistance for the establishment of training places.

**We give the economic region of Hannover and its projects a new impulse!**



## Application and Information:

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