Press release
Bosch Engineering GmbH

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Bosch Engineering unveils new campus in Holzkirchen
Bosch Engineering and ITK Engineering to work under the same roof for the first time

- New development campus will provide a modern and attractive working environment
- Sited in a sustainable and energy-efficient building
- Focusing on electromobility, off-highway applications, automated driving

Holzkirchen, Germany – Commenced in August 2019, the project to build a new Bosch campus in Holzkirchen, south of Munich, has involved the excavation of 60,000 cubic meters of earth, the installation of 3,000 metric tons of steel, and the mobilization of four huge cranes. At peak times, there were as many as 150 construction workers on site. Representatives from Bosch Engineering and ITK Engineering have now gathered on July 12 to unveil the new development campus. Offering 17,000 square meters of state-of-the-art lab and office space, the three-story building will in the medium term accommodate up to 900 associates. Bosch Engineering and ITK Engineering both offer innovative development services in the automotive, off-highway, rail engineering, and medical systems sectors. The new location's defining characteristic is its campus atmosphere, providing an ultramodern and creative working environment that offers freedom for innovation and flexibility while promoting close and effective cooperation with external partners. For both companies, it is their second-largest corporate location, topped only by their headquarters in Ruelzheim and Abstatt respectively.

A milestone of future engineering

"We are delighted to have successfully completed construction," says site manager Jens Hofmann. "We now have a new and attractive state-of-the-art workspace for around 500 associates." An initial cohort of this workforce has already relocated.

The building has various lab facilities in the basement. On the first floor, there is a health and relaxation zone, a café, a staff restaurant, and a customer-meeting zone. Above, Bosch Engineering associates have offices on the second floor, and ITK Engineering associates on the third.

Robert Bosch GmbH
Postfach 10 60 50
D-70049 Stuttgart,
Germany

E-mail Cornelia.Duerr@de.bosch.com
Phone +49 7062 911-1986

Corporate Department
Communications & Governmental Affairs
Executive Vice President: Prof. Christof Ehrhart
www.bosch-press.com

“This expansion marks a further milestone in our drive to strengthen and increase our development and engineering competence,” says Dr. Johannes-Jörg Rüger, managing director of Bosch Engineering. “All the activities at this location are in fast-growing, future-oriented fields, which is why the expansion represents a long-term investment in the company’s future and our innovative power.”
Frank Schmidt, managing director of ITK Engineering, adds: “The new Holzkirchen campus gives us the ideal environment to set new standards as an international development partner in the field of software and system development. The Munich metropolitan region provides us with great opportunities to connect with partners and thereby advance the technology we need to build the future of automated driving, electromobility, Industry 4.0, rail engineering, and medical systems.”
Next to the building is a parking garage with space for around 800 vehicles and around 150 bicycles as well as charging stations for as many as 50 electric vehicles and e-bikes.

More than just an office building

The Holzkirchen campus provides both companies with much more than just a new development location. “We want to provide our associates with a place where they can work in what is an optimal environment for them, depending on the type of task or project they’re currently involved in,” Hofmann says. “This means a choice of quiet areas for individual working, attractive spaces for creative tasks, and our state-of-the-art lab facilities.” The idea is to encourage both creativity and productivity. Behind this versatile workspace is the Smart Work concept that Bosch has already implemented at other of its locations. This encourages a new and modern style of cooperation, marrying the best of both worlds through a smart mix of on-site and off-site working. Associates are therefore free to organize their working day. What counts, in the end, is what this work delivers.
A key characteristic of the campus concept is its connectivity with the outside world. “We want to create a place where people from Bosch, ITK Engineering, and the world outside can meet and work together,” Hofmann explains. In the future, the campus will stage, for example, networking events with other companies and also open its doors to visits from the general public.

Climate neutrality and energy efficiency

Both the campus building and the parking garage have been designed on the basis of environmental and sustainable principles. Installed on both roof surfaces is a photovoltaic system with a combined kilowatt-peak rating of approximately 550 kWp. Heat pumps cover the cooling requirements for lab facilities and test benches all year around, with the waste heat this produces being used to generate hot water and to heat the buildings. This eliminates around 650 MWh respectively 120 metric tons of carbon emissions gas consumption per year. The project also features further state-of-the-art measures to enhance energy efficiency, including reduced and optimized operating temperatures, LED lighting, heat-recovery systems, and intelligent lighting and

ventilation control. In the mid-term, Holzkirchen will also reduce carbon emissions by using deep geothermal energy produced by local utility Gemeindewerke Holzkirchen. This will cut gas consumption by around 880 Mwh/a respectively some 150 metric tons of carbon emissions a year for the entire Bosch location in Holzkirchen. In total, these measures mean that the Holzkirchen campus will operate without the use of fossil fuels.

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Background Information

Site expansion marks a milestone for Bosch Engineering and ITK Engineering

Bosch Engineering first located in Holzkirchen some 20 years ago and has occupied a site in the town's Nord industrial park since 2015. In recent years, the location has become the company's competence center for electromobility and prototype construction, providing workshop and state-of-the-art test bench facilities. It also develops and advances automated driving and steering solutions for passenger cars plus automation and assistance systems for off-highway vehicles. With around 250 associates, Holzkirchen is Bosch Engineering's second-biggest location in Germany, after the company's headquarters in Abstatt, near Heilbronn.

The creation of the new campus also marks a new chapter in the story of growth written by ITK Engineering over the past few decades. The Bosch subsidiary first opened a Munich location back in 2002 – initially in the Pasing district, with a handful of employees. Most recently, the company has occupied a site in Martinsried, a suburb of Munich, from where 200 or so associates are now relocating to Holzkirchen. This number is slated to double by 2025, with the company looking first and foremost to hire engineers, scientists, and computer scientists. ITK Engineering currently has a workforce of 1,300 associates.

In the future, further Bosch divisions / operating units are likely to occupy space at the Holzkirchen location. The Bosch spin-off NEVONEX GmbH, for example, has been in residence in Holzkirchen since the beginning of 2022.

Press photos: #3f59f045, #81cbf26c, #e8539d37, #4230bb00, #d7a6e831, #3ae55074, #b0a29d25

Contact persons for press inquiries:

Cornelia Dürr
phone: +49 7062 911-1986
E-Mail: cornelia.duerr@de.bosch.com

Dr. Uli Kreutzer
phone: +49 152 244 78 220
E-Mail: Ulrich.Kreutzer@itk-engineering.de

About Bosch Engineering GmbH
Bosch Engineering GmbH is a wholly owned subsidiary of Robert Bosch GmbH and is head-quartered in Abstatt, Germany. As a systems development partner to the automotive industry since 1999, the company with its more than 3,000 associates offers development services for powertrains, safety and convenience systems, and electrical and electronic systems – from the original concept to series production. Specialized in electronics and software, it draws on Bosch's proven large-scale series production technology to develop tailored solutions for a wide variety of applications in passenger cars, commercial vehicles, off-highway and recreational vehicles, and in rail applications, ships, and industry. Bosch Engineering GmbH also coordinates all the Bosch Group's motorsports activities.
Additional information can be accessed at www.bosch-engineering.com.

***ITK Engineering GmbH**, founded in 1994 as an "engineering firm for technical cybernetics," is an internationally operating technology company in the software and systems engineering field. Thanks to its strong methodological expertise, ITK covers the entire spectrum – from embedded systems to cloud computing. ITK offers international customers from the automotive, rail technology, building technology, aerospace, medical technology, motorsport, and robotics sectors tailored consultancy and development services. ITK employs around 1,200 employees at the company headquarters in Rülzheim in Germany's Rhine valley and at nine additional branches located across Germany. ITK is also represented in Austria, China, Japan, Spain and USA. Some 1,300 employees currently work for ITK's development partners worldwide. ITK Engineering has been a wholly owned subsidiary of Robert Bosch GmbH since 2017. www.itk-engineering.com*

Mobility Solutions is the largest Bosch Group business sector. It generated sales of 45.3 billion euros in 2021, and thus contributed 58 percent of total sales from operations. This makes the Bosch Group one of the leading automotive suppliers. The Mobility Solutions business sector pursues a vision of mobility that is safe, sustainable, and exciting, and combines the group's expertise in the domains of personalization, automation, electrification, and connectivity. For its customers, the outcome is integrated mobility solutions. The business sector's main areas of activity are injection technology and powertrain peripherals for internal-combustion engines, diverse solutions for powertrain electrification, vehicle safety systems, driver-assistance and automated functions, technology for user-friendly infotainment as well as vehicle-to-vehicle and vehicle-to-infrastructure communication, repair-shop concepts, and technology and services for the automotive aftermarket. Bosch is synonymous with important automotive innovations, such as electronic engine management, the ESP anti-skid system, and common-rail diesel technology.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,600 associates worldwide (as of December 31, 2021). The company generated sales of 78.7 billion euros in 2021. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology.
As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 128 locations across the globe, Bosch employs some 76,100 associates in research and development, of which more than 38,000 are software engineers.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, www.twitter.com/BoschPress.