

Press release



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Strategic cooperation between Bosch and Óbuda University

- Support for engineer replenishment, education development and joint R&D activities are at the heart of the cooperation
- In order to provide up-to-date training, the curriculum must evolve with technology
- Multifunctional community space, workshops and study rooms are available to help students to develop, and to cooperate

Budapest – Bosch has signed a long-term strategic cooperation agreement with Óbuda University. The primary objective of the cooperation is to improve education and to support the supply of specialists in order to make sure that engineers graduating from the university have the latest industry knowledge. The agreement also covers joint research and development activities in the field of technologies that shape the future.

“Knowledge sharing and continuous improvement are among the core values of the Bosch Group. We believe that with university partnerships, we both contribute to technological advancement and to the training of a second line of specialists. After all, neither can exist without the other,” said Dr. István Szászi, head of the Bosch Group in Hungary and the Adriatic region.

Wide-ranging university cooperation with Óbuda University

Bosch places great emphasis on research and development, focusing primarily on future-forming solutions such as green mobility, artificial intelligence and cyber security. In connection with this endeavour, in the autumn semester, at the initiative of Bosch, a new optional course entitled ‘Software Validation in the Automotive Industry’ was launched at Óbuda University, and a software development project was started in cooperation with John von Neumann Faculty of Informatics. The project supports the so-called fuzzing test system, already used at Bosch, and allows for a more efficient testing of status-dependent

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protocols. Experts and engineers from Bosch participate in the development of the curriculum at Kandó Kálmán Faculty of Electrical Engineering, making suggestions to further adapt it to the current industrial needs.

Bosch has created a multifunctional space and a study room at Kandó Kálmán College to host professional lectures and to function as a community space contributing to peer work. The study room may serve as a place for community work for a small number of participants, but it can also be used by students as a workshop room. Plans include the implementation of a program series where students are introduced, among others, to the mysteries of the various engineering fields at Bosch Group by the colleagues of the Budapest Development Center.

The aim is to establish an ecosystem for research and development

The Bosch Group in Hungary considers Hungarian universities as an important partner in the field of engineering education and research and development. Robert Bosch Kft has recently established close, strategic-level cooperation with several universities in Budapest. Bosch intends to take the cooperation of the industrial and academic sectors to an even higher level by building a comprehensive research and development ecosystem with the involvement of other universities at national level. Óbuda University is a member of this initiative.

In Bosch's research and development ecosystem, Hungarian universities can get first-hand information on industrial trends, and through the cooperations the academic sector can support the development of technology in Hungary even more effectively.

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Basic information:

Bosch has been present in Hungary since 1898 with its products. After its re-establishment as a regional trading company in 1991, Bosch has grown into one of Hungary's largest foreign industrial employers with currently nine subsidiaries. In fiscal 2020 it had total net sales of 1,497 billion forints and consolidated sales to third parties on the Hungarian market of 238 billion forints. The Bosch Group in Hungary employs more than 15,500 associates (as of December 31, 2020). In addition to its manufacturing, commercial and development business, Bosch has a network of sales and service operations that covers the entire country.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 395,000 associates worldwide (as of December 31, 2020). The company generated sales of 71.5 billion euros in 2020. 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 129 locations across the globe, Bosch employs some 73,000 associates in research and development, of which nearly 34,000 are software engineers.

The company was set up in Stuttgart in 1886 by Robert Bosch (1861-1942) as "Workshop for Precision Mechanics and Electrical Engineering." The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant upfront investments in the safeguarding of its future. Ninety-four percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The remaining shares are held by Robert Bosch GmbH and by a corporation owned by the Bosch family. The majority of voting rights are held by Robert Bosch Industrietreuhand KG, an industrial trust. The entrepreneurial ownership functions are carried out by the trust.

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