

# Press Release

## HORIBA Europe announces acquisition of BeXema

- **Expansion in capability within the power electronics field, to establish supply system within the group, enables a faster response to individual customer and market requirements**

### **Another step in HORIBA's strategic roadmap in support of the energy industries**

**Oberursel/ Barleben, July 13, 2021.** HORIBA Europe GmbH announced the successful acquisition of BeXema GmbH. Through this acquisition, HORIBA incorporates the technologies of the electric power field into the group's internal supply chain. Thus HORIBA will be responding to the need for increasingly complex development and test solutions driven by the growing energy industries, providing total solutions to meet the challenges of customers more quickly.

The Barleben-based BeXema is a young, innovative start-up for high-voltage test equipment, high-voltage emulators as well as inverters for batteries, fuel cells, and electrolysers that stands for dynamic power electronics. Prior to the acquisition, HORIBA has been purchasing a variety of power electronics products from BeXema. Following the acquisition of FuelCon AG in October 2018, the purchase of BeXema enables the HORIBA Group to establish the development and supply of evaluation and measurement solutions for fuel cells, batteries and water electrolysis within the Group.

"With the acquisition of BeXema, we are significantly bringing into the group a specialized supplier of power supplies with, wide range and flexibility. This is extremely valuable to our business - now we can directly meet the changing requirements in the energy industries which is expected to grow massively in the future, and also ensure our customers can benefit from our innovative technologies." says Dr. Robert Plank, President of HORIBA Europe GmbH. "This is an important strategic step for HORIBA and ensures that we are able to respond to the growing demands of the global energy industries whilst remaining competitive and to further accelerate the hydrogen-related business that the HORIBA Group is promoting globally."

HORIBA FuelCon Managing Director Dr. Ingo Benecke commented, "The development of the automotive industry towards increased electro mobility and environmental conscious fuels is presenting suppliers with ever greater challenges. By acquiring BeXema, we now have an

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innovative manufacturer of dynamic power electronics, inverters for high-performance battery storage as well as high-voltage test equipment within the HORIBA organization. This allows us to realize new, high-performance test solutions, responding faster to customer requirements and with greater customization capability.”

## **HORIBA's Business Strategy in the Energy Field**

With the world making a major shift in investment to achieve carbon neutrality and efficient use of energy, areas such as electrification of mobility and the use of alternative energy sources, especially of hydrogen, are receiving a lot of attention.

In order to realize a decarbonized society, it is important to utilize effective and efficient secondary energies such as electricity and hydrogen, according to regional characteristics and applications. HORIBA's advanced and wide-ranging analysis and measurement technologies – that already play various roles in all processes of energy production, storage, and utilization – can contribute.

HORIBA has set a business strategy in the energy field as one of the main pillars of its Mid-Long Term Management Plan with the target year of 2023. HORIBA is currently investing extensively in hydrogen-related business fields such as fuel cells, batteries and water electrolysis.

The expansion of HORIBA FuelCon's facility is just one example. The company is currently constructing a new building, increasing the total floor space by six times and the production capacity by three times. This new building, where BeXema will also be located, is scheduled to start operation in 2022. By strengthening the ability to supply products to the growing market, HORIBA will contribute to the sustainable energy network.

Additionally, in the U.S., the opening ceremony of HIMaC<sup>2</sup> (HORIBA Institute for Mobility & Connectivity<sup>2</sup>), a new research institute bearing the HORIBA name, was held at the University of California, Irvine on July 6. HORIBA will support HIMaC<sup>2</sup> with a wide range of analysis and measurement technologies to further strengthen HORIBA's technological base.

([Link to HIMaC<sup>2</sup> release](#))

HORIBA will accelerate to provide concrete solutions in the energy industries, while promoting collaboration with academia to make contributions for sustainable energy networks.

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## **About HORIBA**

Headquartered in Kyoto, Japan, the HORIBA Group is a world-leading manufacturer of measuring instruments and systems for automotive testing, process and environmental engineering, medical diagnostics and semiconductor manufacturing. HORIBA also offers a wide range of molecular and elementary analytical instrumentation for research, quality control and laboratory analysis.

For further information, please visit: [www.horiba.com](http://www.horiba.com).

## **About HORIBA Automotive**

HORIBA Automotive, a business segment within the HORIBA Group, has developed global leadership in the fields of battery and fuel cell test stands, data management solutions, driveline test systems, engine test systems, brake test systems, wind tunnel balances, emissions test systems and test facility automation. In addition to its product-based applications, it offers a comprehensive suite of vehicle engineering, validation and certification services. HORIBA Automotive is able to offer its customers complete solutions, with full turnkey capability, for all industries using electric motors, internal combustion engines and turbines. These include the automotive, heavy-duty, off-road, consumer goods, marine, defense, aerospace and rail sectors.

## **About BeXema**

BeXema is an independent, privately owned company based in Barleben. Its highly dynamic power electronics are used in inverters for high-performance battery storage and power sources for power-to-gas systems as well as in high-voltage test equipment for fuel cells and batteries. From in-house development to manufacturing and service, BeXema is meeting the challenges of modern electromobility and renewable energies, successfully working with customers in the automotive industry, battery and fuel cell technology, and power engineering.

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Photos taken at the ceremony after the signing of the acquisition agreement  
(from left to right)

Laurent Fullana, President of HORIBA France S.A.S.

Robert Plank, President of HORIBA Europe GmbH

Ingo Benecke, Managing Director of HORIBA FuelCon GmbH

Robert Benecke, Former President of BeXema GmbH

Markus Bode, Managing Director of HORIBA Europe GmbH



Photo: Head office of BeXema