

PRESS RELEASE

BMZ and Batemo Conclude Cooperation Agreement

Karlstein am Main, Germany, February 24, 2022 – BMZ Group, as a global specialist in lithium-ion battery manufacturing, and Batemo GmbH, the battery cell analysis specialist from Karlsruhe, Germany, are pleased to announce their cooperation, effective immediately.

As Europe's largest developer and manufacturer of accumulators for various industries and applications, BMZ installs more than 300 million round cells annually. Thus, the company has been working for a long time with the tools of the battery cell analysis specialist Batemo, which was founded in 2017. In a next step of the collaboration, the two companies are now entering into a cooperation.

As part of this cooperation, Batemo will support BMZ in the distribution of its TerraE round cells. For its part, BMZ will complement its portfolio with comprehensive cell measurement data packages, detailed cell analysis reports and simulation solutions from Batemo.

The measurement data, reports and simulation models that Batemo creates and sells are essential for the work of development departments in battery manufacturing. The information and simulations provided by Batemo accelerate the development work, as data is immediately available that would otherwise only be determined in costly and lengthy tests by the battery builders.

The measurement data packages (Batemo Cell Data) provide extensive data series on various cell types under a wide range of loads and environmental conditions. For easy evaluation, Batemo provides a free comparison tool with which different cells can be quickly and easily compared with each other in terms of their electrical-thermal behavior.

Furthermore, Batemo offers cell analysis reports (Batemo Cell Report). These are based on tests performed in Batemo's laboratory. Batemo is able to provide customers with information on the internal cell structure, the safety features and the material components of the anode, cathode and separator. This goes far beyond the usual manufacturer's specifications in its level of detail.

Based on the information gained during the creation of cell data sheets and cell reports, BMZ now also offers its customers sophisticated simulation models by adding Batemo software products to its product range. These model the electrochemical, thermal and physical effects occurring in the cells and have already been parameterized and globally validated by Batemo for the cells of the BMZ Group. Batemo's simulation tools can be seamlessly integrated into the development software of battery manufacturers. With

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their help, developers can simulatively test temperature development and charging speed of individual cells installed in a battery pack before starting the practical product development phase and prototype construction. The simulations also provide safety-relevant insights into short-circuit behavior, the behavior of aged cells, fast-charging capability and the functional development of battery-management-system algorithms.

BMZ CEO and Founder Sven Bauer comments: "We look back with gratitude on many years of intensive, trustful and multifaceted cooperation with Batemo in various areas – from research projects to product development – characterized by immense technical depth. Accordingly, we are very much looking forward to join forces in sales as well in the future."

Batemo Managing Director Dr. Jan Richter adds: "As one of Europe's leading system providers and specialists for intelligent storage solutions, BMZ is the perfect partner for us. BMZ's extensive expertise in the field of pack development coupled with Batemo's simulation competence opens up completely new possibilities. Building on our long-standing and sustainable cooperation, we are very pleased to now jointly make the results available to the entire industry."

Further information on the BMZ Group is available at www.bmz-group.com.

About BMZ Group:

BMZ Group is a global player in the development and production of cross-industry lithium-ion system solutions. It offers the complete value chain from the cell and the battery to second life and disposal. In addition to supplying markets such as medical, garden and power tools as well as industrial applications, the BMZ Group sees itself primarily as THE GREEN ENERGY SYSTEM PROVIDER. With the production of home and industrial storage units for photovoltaic systems as well as batteries for electric mobility, BMZ manufactures the heart of the necessary infrastructure for the energy and transport turnaround. In view of the impending climate change and its consequences, the BMZ Group is thus fulfilling its social, economic and ecological responsibility. The Group is headquartered in Germany and has additional production facilities in China, Poland and the USA, as well as subsidiaries in Japan, the UK and France. In addition, there are research and development sites worldwide. More than 1,800 employees work for the BMZ Group.

About Batemo

Batemo was founded in March 2017 by Dr.-Ing. Michael Schönleber and Dr.-Ing. Jan Richter in Karlsruhe, Germany. The company offers various solutions for the development of battery systems, such as battery modeling and simulation, comprehensive measurement data and detailed cell reports. Batemo serves customers in the power tools, automotive, aerospace, industrial and cell manufacturing sectors.

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