

THEVA CELEBRATES 25TH ANNIVERSARY AND CLOSES FINANCING ROUND

Ismaning, 20. August 2021 - THEVA celebrates its 25th anniversary this summer. Founded as an early spin-off of the Technical University of Munich in 1996, today THEVA is one of the longest-standing and most successful companies active in the field of high-temperature superconductors (HTS) and the only European manufacturer of high-quality HTS wire for magnet technology and electrical engineering. Far beyond the production of materials, THEVA is also actively promoting the use of superconductors for the climate-friendly transition of power technology. Just in time for its birthday, THEVA has successfully closed its fifth financing round with its existing shareholders. The investors are eCAPITAL, Bayern Kapital, Target Partners, Bayerische Beteiligungsgesellschaft (BayBG) and members of the management. The manufacturer of high-temperature superconductors is thus preparing for the first large volume orders from the sector of magnet technology and assembling a growth financing round.

Dr. Werner Prusseit, managing director: "The superconductor market is currently in a decisive phase. For the first time, magnet technology is requesting material quantities that exceed our capacity, and the energy transition is also clearly picking up speed. The foreseeable conversion of the entire energy system will lead to a next wave of electrification, in which superconductivity can excel with unbeatable advantages and will play a crucial role in highly efficient electrical power distribution." The company founder is very grateful for the unity among the shareholders: "We are very happy to have reliable partners on board who believe in us and support us. Together we want to take the next important steps."

In addition to manufacturing superconductors with extremely high power density, THEVA is also actively shaping the landscape of superconductor applications together with industrial partners. The currently most spectacular project in the world is certainly the development of a compact high-performance power cable for the reconstruction of the city grid in Munich. As part of this "SuperLink" project, an industrial consortium consisting of THEVA, the cable maker NKT, and Linde for refrigeration technology is working with two institutes, the University of Applied Sciences of South Westphalia and the Karlsruhe Institute of Technology (KIT), on the technical design and certification of the cable components. "We regard the realization of a 12 km long 500 MW HTS cable connection of Munich's south to the main feed-in station in the north, as a door opener and a signal for grid operators of many other metropolitan regions, facing similar challenges in the conversion of their grids in the coming years and next decades," says Prusseit.

Other projects in coil and magnet construction demonstrate the rapidly growing interest in the superconductor technology from the manufacturing industry, medical technology, fusion research, and in electric aviation.

About THEVA Dünnschichttechnik GmbH:

With 25 years of experience in coating and equipment technology and a broad patent portfolio in production engineering, THEVA manufactures high-temperature superconductors (HTS) for lossless transport of extremely high electrical currents, representing a unique approach to superconductor manufacturing.

The company has invested more than fifteen years in development and set up the first commercial HTS conductor production facility in Germany. Thanks to its extremely high energy density, THEVA Pro-Line can replace conventional copper conductors in high-power applications and opens up completely new perspectives for the construction of electrical components. Manufacturers of cables, circuit breakers, large electric drives and busbars can rely on the material's high quality standard and performance. THEVA also stands for excellent solutions in coating technology and equipment engineering.

THEVA Dünnschichttechnik GmbH was founded in 1996 and is today with around 50 employees the leading European manufacturer of high-temperature superconductors. With headquarters in Germany and contacts in Asia and the USA, the company is present for its customers worldwide.

In 2012, two financially strong investors, Target Partners and BayBG, came on board. Since 2016, eCAPITAL and Bayern Kapital have also been supporting the company's growth. Since the third financing round in 2017, EnBW New Ventures has also been one of the investors.

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