



IBU-tec AG Launches Key Customer Project to Develop Innovative Battery Material

- **New material for stationary energy storage systems currently under development**
- **IBU-tec experience and technology platforms employed for substantially reduced lithium use**
- **Project success will yield significant economic and ecological benefits**
- **Large scale production of IBU-tec's innovative material to commence immediately upon project completion**

Weimar / Bitterfeld, October 14, 2019 - IBU-tec advanced materials AG ("IBU-tec", ISIN: DE000A0XYHT5) has commenced development for a groundbreaking battery material on behalf of a key customer with the goal of significantly and sustainably reducing the amount of lithium in large stationary energy storage systems.

The new, efficient and high-performance battery material being created with IBU-tec's proprietary technology platforms and decades of experience promises to yield considerable economic and ecological benefits. Significantly reduced production costs and prices for stationary energy storage systems are projected to greatly increase market acceptance and correspondingly increase the use and usability of demand-oriented energy storage from photovoltaic and wind power generation. The development project has been established as ongoing, with no termination date set by the partners. Upon successful project completion, IBU-tec plans direct and large-scale production of the novel material at its Bitterfeld facility. The client/partner of the development project is a world-renowned international supplier of stationary energy storage solutions.

Dr. Toralf Rensch, Head of Technology at IBU-tec: "Though still very much in the preliminary stages, we are elated about this extremely exciting and innovative project in the battery materials field, as we diligently work to establish reliable timetables for the project duration and our development work. With our thermal know-how and a special process arrangement, we hope to be able to noticeably increase the electrical conductivity of the materials in such a way that the use of lithium can be greatly reduced."

Ulrich Weitz, CEO of IBU-tec adds: "The fact that we have been commissioned for this project demonstrates the expertise of our team and the quality of our technology platforms, upon which we have built the excellent international reputation that IBU-tec enjoys in the field of battery materials. Of great personal importance to me, apart from the economic advantages successful project completion promises, is actively supporting the use of renewable energies and doing what we can to reduce the negative ecological impacts associated with lithium mining."

About IBU-tec

IBU-tec advanced materials AG is a highly specialized, high-growth development and production service provider for industrial thermal process engineering for the treatment of inorganic powders and granulates. These thermal treatments give them modified and superior material properties. Through the acquisition of BNT Chemicals GmbH, IBU-tec's previous core business was supplemented by the

BNT's product portfolio based on tin and the wet chemistry sector, thus considerably expanding its positioning and value creation.

IBU-tec addresses worldwide megatrends such as green mobility (e-mobility and automotive catalysts), green economy (including CO₂-reduced building materials, rare earths, stationary energy storage) and medical technology (including artificial joints and dental prostheses) through its broad, international customer base. IBU-tec's market success is based on its own flexible technology platform, unique patented processes and the comprehensive know-how of its 251 employees.

Further information can be found on the Internet at www.ibu-tec.de.

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