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A MULTI-PRONGED APPROACH TO SOLVE ENERGY STORAGE

Guangxi AeroBeidou involved in the creation of innovation in energy storage industry

DECEMBER 11 , 2017- Guangxi Aerospace Beidou New Energy Technology Co., Ltd. (Guangxi AeroBeidou) is pleased to announce its role in a joint-collaboration between three major industry players from different fields to build a civil-military power storage laboratory.

The three companies involved in this partnership are Harbin Institute of Technology's Electromagnetic Drive and Control Research Centre, Shenzhen New Fusion Investment Co., Ltd and Harbin Ruichuan Electric Machinery Equipment Co., Ltd.

Guangxi AeroBeidou, a majority shareholder of Shenzhen New Fusion Investment, will be involved in research and development in its product of ultra-capacitors for the future of energy storage.

“We are pleased to announce to be part of this advanced laboratory to contribute to the growing demand of energy storage worldwide, which is growing rapidly.

“With such growth, we have observed for the need of tripartite partnership and to bring together our resources to serve the demand for innovation and entrepreneurship in the energy storage industry,” said Mr Nong Youhua, Chairman of Guangxi Aerospace Beidou New Energy Technology Co Ltd.

Mr Nong said the collaboration between the three will create a multi-prong approach of congregating power storage innovation and an entrepreneurship platform under one roof.

“This extends especially for students in the field of electric energy storage innovation and entrepreneurship by providing funding, incentives, employment and support for them for the development of Shenzhen's power storage industry to create a sustainable and healthy supply of talent,” he said.



All three parties agreed to promote the development of the industry by jointly opening up equipment resources, data resources, expert resources and research resources to enterprises, related universities and research institutes in laboratories.

This will help serve the development of the industry by exerting laboratory professional resources and expert resource advantages, product research and development, technology research, joint research and other corresponding support.

“This is to enhance the power storage enterprises in science and technology innovation ability to improve the level of research and development as well as product market competitiveness,” said Mr Nong.

Why Energy Storage Research is Important?

Reports in the media has been trickling on the demand of energy storage worldwide including China itself. On Oct 12, [Reuters](#) had reported that China aims to boost its large-scale energy storage capacity over the next decade. It also reported that “while China has led the globe in pushing for greater reliance on wind and solar power in recent years, getting clean energy from western regions to urban users in the world’s top energy consumer has been a major headache.”

According to [Renewable Energy World](#), Matt Roberts, executive director of the Energy Storage Association (ESA), was quoted as saying, “going forward, battery storage — of the lithium-ion variety — is expected to retain its majority market share.”

“Global trends are feeding into that...partly because major applications of today lend themselves to batteries. Equally, lithium-ion dominates on account of cost; but it has reached that cost because of demand driving production,” he said in the article.

Elon Musk, Tesla’s co-founder, chief executive officer and product architect, has spoke fondly on the future of electric vehicles. According to [TechCrunch](#), he was quoted saying: “If I were to make a prediction, I’d think there’s a good chance that it is not batteries, but super-capacitors.”



About Guangxi Aerospace Beidou New Energy Technology Co. Ltd. (Guangxi AeroBeidou)

Guangxi AeroBeidou is incorporated in China and is the company that owns 28 international patents and the super-batteries and super capacitor cell manufacturing facility in Wuzhou City, Guangxi Province, People's Republic of China.

About Shenzhen New Fusion Investment Co., Ltd.

Founded in July 2010, Shenzhen New Fusion Investment Co., Ltd. is an investment company dedicated to enhancing the integration of civil and military industries, promoting the innovation and development of SMEs, providing big data analysis services and building a civil-military integration and innovation demonstration park. The work of the company was highly recognized by the Central Military Commission and the relevant ministries and commissions. At present, the Company has set up the Shenzhen Institute of Civil-Military Integration and Innovation under the guidance of the Industry Cross-Border Collaborative Innovation Centre and has built it into a benchmark platform for the development of military and civilian integration industries across the country.

About Harbin Institute of Technology's Electromagnetic Drive and Control Institute

The Institute of Electromagnetic Drive and Control focuses on new principles and methods of power electronics and electromagnetic drive technology and applies them to industrial, aerospace and defense systems. In recent years, a total of more than 60 various research projects have been completed, of which over 40 are in the field of national defense and aerospace. Scientific research achievements by the National Science and Technology 2 Progress Award , the provincial science and technology 15 progress awards and published more than 600 academic papers.

About Harbin Ruichuan Electric Power Machinery Co., Ltd.

Harbin Ruichuan Power Machinery Co., Ltd. is a high-tech product R & D, production and marketing company jointly established by Harbin Institute of Technology Robotics Group Co., Ltd. and Harbin Institute of Technology's Electromagnetic Drive and Control Institute. The company currently employs 20 people, including three professors, five PhDs, specializing in R & D in electrical engineering such as special motors, power electronics and micro-grid energy storage equipment.