



FARAD

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NAVIGATING A NEW ROUTE

New laboratory facility built to provide advanced technological research and human capital development

NOVEMBER 28, 2017- Shenzhen New Fusion Investment Co. Ltd and Konka Group Co., Ltd are announcing a partnership to build a Beidou Open Laboratory Shenzhen Sub-laboratory.

The state-of-the art laboratory, which is expected to be completed next year, will play a crucial role in the *ecosystem* development of China's Beidou navigation satellite system industry.

The lab will have a floor space of 2,000 sqm and will be located at the Shenzhen City Peach Blossom Spring Science and Technology Innovation Park, Boa's District, Shenzhen, Guangdong, China.

Guangxi Aerospace Beidou New Energy Technology Co Ltd, which is a majority shareholder in Shenzhen New Fusion Investment Co. Ltd, will be involved in the research and production of super-batteries and ultra capacitor cells (UCC) that power up devices that link to the Beidou satellites.



Highlights of Lab:

- The partnership will pull together their resources to support innovative product developments in the industry.
- Technological research and innovation in improving the industry *eco-system*.
- Technological and human capital support for BeiDou satellite navigation in the field of innovation and entrepreneurship.
- Driven by the demand for skilled talents for the fast-growing industry, the partnership will also promote personnel training in the Beidou navigation industry.

The BeiDou Navigation Satellite System is China's global navigation satellite system. The BeiDou system has made headlines in the country's local and global news.

It has been reported online on [China Daily](#), China's broad plan is to build a BeiDou navigation system with a constellation of 35 satellites by 2020. In comparison, US GPS consists of 24 satellites.

With such a demand, the lab aims to be instrumental in supporting the country's roadmap to expand the coverage area of BeiDou.

Others that will be providing supporting roles in the partnership include Beidou Open Laboratory, Shenzhen zhong bing Konka Technology Co., Ltd. and Shenzhen New Fusion Investment Co., Ltd.

It was also announced that both parties agree to promote the resources in the Beidou field through laboratories, data resources, open up expert and research resources to enterprises and related universities and research institutes.

“The laboratory and expert resources will be a huge boost to industry especially in product development, technology research and improving research and development



and product market competitiveness,” said Mr Nong Youhua, Chairman of Guangxi Aerospace Beidou New Energy Technology Co Ltd.

The lab will also will be fully utilised to create a pool of talents, provide professional training, practical education, innovation and entrepreneurship guidance and employment services in hopes of providing a sustainable human capital for the industry.

Both parties emphasised that the laboratory construction and development will be an opportunity to jointly expand the cooperation of military and civilian integration industries while creating an innovation and development platform for the integration of civil and military industries nationwide.

Guangxi Aerospace Beidou New Energy Technology Co Ltd is also the company that is producing the UCCs and its compendium of ultra-capacitor end products for different uses under the FARAD Program.

By creating a long-term demand for UCCs, it is expected to then lead to a healthy ecosystem for the Farad tokens.

The Growing Importance of UCCs

According to a research report by Variant Market Research, the Global Ultracapacitor Market is estimated to reach \$8.037 billion by 2024; growing at a CAGR of 17.0% from 2016 to 2024.

Accuray Research LLP also published a report in 2016 that the Global Ultracapacitor Market is poised to grow at a CAGR of around 21.1% over the next decade to reach approximately \$9.88 billion by 2025.



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

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

About Konka Group Co., Ltd.

Konka Group Co., Ltd. was established on May 21, 1980, is the first Sino-foreign joint venture electronic enterprise born in China's reform. In 1992, Konka A and B shares were listed on the Shenzhen Stock Exchange. Konka Group is mainly engaged in R & D, manufacturing and sales of color TV, white goods, mobile phones, small home appliances, digital set-top boxes and LED displays. The annual sales revenue of the company is about 20 billion yuan.

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 military and civilian industries, promoting the innovation and development of SMEs, providing big data analysis services and building a civil-military integration and innovation demonstration park.