

# News Release

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## **BASF and Yangtze River Delta Physics Research Center found a joint research center to advance e-mobility innovation**

- **“BASF-IOPLY joint research center for e-mobility and energy storage” (BIRC) unveiled in Liyang, Jiangsu province**
- **The joint research center to advance e-mobility and develop new solutions in solid-state batteries and energy storage**

Liyang, China – July 14, 2023 – BASF and Yangtze River Delta Physics Research Center (IOPLY), a science and technology innovation enterprise, today unveiled a joint research center in Liyang, Jiangsu province. Named “BASF-IOPLY joint research center for e-mobility and energy storage” (BIRC), this joint research center aims to accelerating innovations in advanced materials and solutions for e-mobility and energy storage.

Under the agreement, both parties will collaborate on materials and solutions for battery cells and packs with focus on solid-state batteries (SSB) and sodium-ion batteries. These are widely considered to be the next generation batteries for e-mobility and energy storage, respectively. At the same time, both parties will leverage digital R&D capabilities to improve innovation efficiency. Liyang is a thriving hub for the new energy industry. BIRC will leverage the strengths of industry cluster in the city and collaborate with partners along the value chain to and drive joint innovation and accelerate time to market.

“Innovation is the cornerstone of BASF’s success in its history of almost 160 years. Nowadays, collaboration among the innovation eco-system is of greater importance than ever to address the global challenge of climate change”, said Dr. Jeffrey Lou,

President and Chairman of BASF Greater China. “BASF is excited to partner with IOPLY to drive innovation on core technologies in the e-mobility and energy storage sector and accelerate their commercialization, contributing to the energy transformation for a greener and lower carbon future.”

“In response to the rising application needs of e-mobility, BIRC will establish research teams and projects to develop next-generation solutions. By leveraging the strengths of IOPLY and BASF, the center will foster collaborative research and innovation along the value chain. We look forward to collaborating with BASF to make outstanding technical breakthroughs, achieving industrialization and advancing the development of e-mobility industry,” said Hu Jiangping, Deputy Director of the Institute of Physics, Chinese Academy of Science.

IOPLY was co-founded by the Institute of Physics, Chinese Academy of Sciences (CAS) and Liyang city, Jiangsu province in 2018. It focuses on cutting-edge technologies in the new energy and new materials, and fosters collaborative innovation between enterprises, universities, and research institutes towards innovation.

#### **About BASF in Greater China**

BASF has been a committed partner to Greater China since 1885. With large production sites in Shanghai, Nanjing, Chongqing and Zhanjiang, as well as a global and regional research and development hub in Shanghai, BASF is a major foreign investor in the country’s chemical industry. BASF posted sales of approximately €11.6 billion in 2022 to customers in Greater China and employed 11,411 people as of the end of the year. For further information, please visit [www.basf.com/cn/en](http://www.basf.com/cn/en).

#### **About BASF**

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. More than 111,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of €87.3 billion in 2022. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information at [www.basf.com](http://www.basf.com).