



Joint News Release

BASF grants Reshine a Sub-License under ANL NCM Cathode Material Patents

- **BASF's active sub-licensing strategy will further support industry growth**

ISELIN, NJ, USA and HUNAN, CHINA, 31 JANUARY 2018 – BASF has granted Hunan Reshine New Material Co. Ltd. (“Reshine”) a sub-license under Argonne National Laboratory (ANL) patents related to nickel-cobalt-manganese (NCM) cathode materials for long life, high energy, reliability and cost-effective lithium ion batteries. Reshine is now licensed to make, use, sell, offer to sell, distribute and import the NCM cathode materials in the U.S. market.

BASF is continuing its sub-licensing strategy to NCM industry players. This benefits manufacturers throughout the value chain, as access to innovative technology is secured. “Reshine has a high reputation, coupled with a strong customer base in the battery industry. We look forward to our collaboration,” said Dr. Jeffrey Lou, Senior Vice President of Battery Materials at BASF.

“Reshine has a high regard for intellectual property and values the license as well as its strategic importance to our NCM customers,” said Mr. Tang Shun Guo, Board Chairman and General Manager of Reshine. “We are pleased to become a sub-licensee of the ANL NCM patents from BASF.”

About BASF's Catalysts Division

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success. Further

information on BASF's Catalysts division is available on the Internet at www.catalysts.basf.com.

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 114,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of about €58 billion in 2016. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at www.basf.com.

About Reshine

Hunan Reshine New Material Co., Ltd. is a high-tech company specializing in the R&D, production and sales of cathode materials for Li-ion battery. Founded in 2001, Reshine holds more than 110 Chinese Invention and Utility Patents. Thanks to advantages in raw materials quality control, production technology and quality management, Reshine has become the main NCM cathode materials supplier of Li-ion battery makers including: Samsung SDI, LGC, CATL, SKI, TOSHIBA, BYD, GUOXUAN, YINLONG, WANXIANG-A123, etc.

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