



PRESS RELEASE

## SK Innovation boosts research with hte's high throughput technology

**HEIDELBERG, Germany [June 27, 2018] hte – the high throughput experimentation company supplied a high throughput catalyst testing system for hydrotreating applications to SK Innovation, Korea's first and largest energy-chemical company. The unit is able to process heavy feeds, such as atmospheric residue.**

hte supplied a 16-fold high throughput catalyst testing system for hydrotreating of heavy feeds to SK Innovation. This technology enables SKI to efficiently evaluate the performance of resid hydrotreating catalysts in order to maximize the output of its refining operations. After a successful validation project carried out at hte's facility in Heidelberg, Germany, SK Innovation opted to acquire this technology. The unit was commissioned at the end of 2017 and is now fully utilized by SK Innovation.

Dr. Kim Taejin, Head of Platform Tech. R&D Center, SK Innovation says: "We selected hte for its unique technology specifically suited to processing heavy feeds such as atmospheric residue, and for its versatility in addressing a wide range of applications (diesel hydrotreatment, vacuum gas oil (VGO) hydrocracking, lubes, and many more). We are very satisfied with the data quality obtained, which matches our pilot plant data."

"We are very proud that SK Innovation, a company at the forefront of innovation, selected hte's technology for such a pivotal application. With our hydroprocessing technology, we serve the demand for optimized refining processes in the growing market of Asia," comments Wolfram Stichert, CEO at hte. "We are looking forward to developing a reliable and long-lasting relationship with SK Innovation."



## PRESS RELEASE

### About hte

At hte – the high throughput experimentation company, we make R&D in the area of catalysis faster and more productive. We enable cost-effective innovations and reduced time to market for new products, thereby allowing our customers in the energy & refining, chemical & petrochemical, and environmental industry to keep ahead of the competition. Our technology and services comprise:

- **R&D Solutions:** highly efficient contract research programs at hte's state-of-the-art laboratories in Heidelberg, Germany
- **Technology Solutions:** integrated hardware and software solutions, enabling our customers to establish high throughput workflows in their own laboratories.

Our customers benefit from a broad technical and scientific expertise, an exceptional customer orientation, complete end-to-end solutions, and an outstanding data quality. Our close ties with BASF guarantee long-term orientation and stability. For more information, visit our website [www.hte-company.com](http://www.hte-company.com).

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### About SK Innovation

Established as South Korea's first oil refining company in 1962, SK Innovation engages in diverse areas of business, including exploration and production (E&P), batteries, and information and electronics materials. It owns SK Energy, South Korea's No.1 refining company, SK Global Chemical, the leader in the domestic petrochemical industry, SK Lubricants, a global lubricants company, SK Incheon Petrochem, a refining and chemical company, and SK Trading International, a trader of crude oils and petrochemicals. As part of their management system, SK Innovation pursues the maximization of happiness for all stakeholders. It is for this reason that SK Innovation recognizes the importance of and pays attention to social enterprise, a way to create social values through business.

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