

Avantium to deliver several Flowrence® systems to KAUST Catalysis Center

AMSTERDAM, 3 June 2020, 07:00 CET – Avantium N.V., a leading technology company in renewable chemistry, announces that Avantium Catalysis has received orders for several Flowrence® testing systems worth more than € 3 million from King Abdullah University of Science and Technology – KAUST Catalysis Center (KCC) in Saudi Arabia. KCC has selected the Flowrence® Technology to further expand its R&D capacity for heterogeneous catalyst testing.

Avantium will deliver the Flowrence® units in combination with its solutions for efficient workflow, extensive online analytical equipment, its advanced proprietary data handling and analysis software, as well as its expertise in experimental validation. KCC focuses on developing new catalysts, new catalytic reactions and new catalytic technologies, covering heterogeneous, homogeneous, photo- and electro-catalytic processes.

Steven Olivier, Managing Director of Avantium Catalysis, comments: “We are pleased that KAUST has chosen again for our Flowrence® systems. This underlines the value of our solutions in accelerating catalyst R&D. We look forward continuing and expanding our good partnership with KAUST Catalysis Center for the coming years.”

Jorge Gascon, Director & Full Professor of KAUST Catalysis Center, says: “At KCC we are delighted to continue this long-lasting partnership with Avantium to expand our catalyst testing capabilities with the reliable and flexible Flowrence® systems.”

About Avantium’s Flowrence Technology®

Avantium’s Flowrence Technology® is an advanced high-throughput platform for high-quality testing of catalysts and adsorbents. The Flowrence Technology® can be used for a broad range of industrial applications that operate in gas, vapor or trickle phases. The parallel reactor system combines the reproducibility of larger-scale reactors with the advantages of small-scale reactors such as intrinsic safety, high accuracy, low costs per experiment and, ultimately, faster time-to-market. The Flowrence Technology® is leading for refinery, green chemistry and many other applications. The combination of Avantium’s broad knowledge of applications and the Flowrence Technology® creates a powerful, cost efficient method of testing catalysts and a faster way to bring new products to the market.

About King Abdullah University of Science and Technology (KAUST)

KAUST is a private research university located in Thuwal, Saudi Arabia. Founded in 2009, the university provides research and graduate training programs in English as the official language of instruction. KAUST is the first mixed-gender university campus in Saudi Arabia. Attracting and developing top talent from the Kingdom and around the world, KAUST invests in its people. The University allows its members to fulfill their intellectual potential in a state-of-the-art environment.

KAUST is dedicated to maintaining the best academic and professional practices in its development and recruitment efforts.

About Avantium

Avantium is a leading technology development company and a forerunner in renewable chemistry. Avantium develops novel technologies based on renewable carbon sources as an alternative to fossil-based chemicals and plastics. The company currently has three technologies at pilot and demonstration phase. The most advanced technology is the YXY® plant-to-plastics-technology that catalytically converts plant-based sugars into a wide range of chemicals and plastics, such as PEF (polyethylene furanoate). Avantium has successfully demonstrated the YXY Technology® at its pilot plant in Geleen, the Netherlands. The second technology is the Dawn Technology™ that converts non-food biomass into industrial sugars and lignin in order to transition the chemicals and materials industries to non-fossil resources. In 2018, Avantium opened the Dawn Technology™ pilot biorefinery in Delfzijl, the Netherlands. The third technology is called Ray Technology™ and catalytically converts industrial sugars to plant-based MEG (mono-ethylene glycol). Avantium is scaling up its Ray Technology™ and the demonstration plant in Delfzijl, the Netherlands opened on November 7, 2019. Next to developing and commercialising renewable chemistry technologies, the company also provides advanced catalysis R&D services and systems to customers in the refinery and chemical industries. Avantium works in partnership with likeminded companies around the globe to create revolutionary renewable chemistry solutions from invention to commercial scale.

Avantium's shares are listed on Euronext Amsterdam and Euronext Brussels (symbol: AVTX). Avantium is included in the Euronext Amsterdam SmallCap Index (AScX). Its offices and headquarters are in Amsterdam, the Netherlands.

For more information:

Caroline van Reedt Dortland, Director Communications, Avantium
+31-20-5860110 / +31-613400179,
caroline.vanreedt-dortland@avantium.com
