

## CHEM

### Victor Vreeken, Chief Operation Officer YXY Technology at Avantium Chemicals BV



Holds a Master degree Mechanical Engineering from University of Technology Delft, a Master degree Chemical Engineering from University of Technology Twente and Master degree Business Administration from IESE University Barcelona.

Worked at DSM in several manufacturing and commercial positions at different locations for chemicals and life science businesses from 1997 – 2011 and joined Avantium in 2011 as VP Operations YXY project, including the responsibility for YXY's process & technology development and the pilot plant in Geleen. In 2014 promoted to COO – YXY and management team member, while in 2016 Avantium and BASF have announced their intentions to establish a Joint Venture for the production and marketing of furandicarboxylic acid (FDCA), as well as marketing of polyethylenefuranoate (PEF), based on this new chemical building block. FDCA is produced from renewable resources. The JV will use the YXY process<sup>®</sup> developed by Avantium in its laboratories in Amsterdam and pilot plant in Geleen, Netherlands, for the production of FDCA. It is intended to further develop this process as well as to construct a reference plant for the production of FDCA with an annual capacity of up to 50,000 metric tons per year at BASF's Verbund site in Antwerp, Belgium. The aim is to build up world-leading positions in FDCA and PEF, and subsequently license the technology for industrial scale application.