

Session: Panel discussion with Dutch R&D organisations
Panel member: Jan Jager
Stenden University of Applied Sciences (NL)

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Curriculum:

Jan Jager studied and did his PhD in physical organic chemistry at the University of Groningen (RUG) before joining Akzo Nobel in Arnhem where he spent several years conducting research into various plastics for new textile developments. After the winding-up of Diolen Industrial Fibers in Emmen he became co-founder of Applied Polymer Innovations (API), which emerged from Diolen's former R&D department. In April 2011 Jan gained appointment as part-time professor at Stenden University of Applied Sciences. Applied research was conducted within Stenden Pre, an initiative of Stenden University of Applied Sciences, Emmtec Services (NUON), and Applied Polymer Innovations (API) in Emmen. Within Stenden Pre Jan was closely involved in research and education on upcycling/recycling of plastics and the development of new products based on biopolymers, biobased and/or biodegradable. From 2014 on, Jan has a full-time professorship at GreenPAC, a Centre of Expertise between Stenden University of Applied Sciences and Windesheim University of Applied Sciences.

Abstract:

Stenden University of Applied Sciences forms together with Windesheim University of Applied Sciences a Centre of Expertise called GreenPAC. Green PAC is an open innovation centre for (green) plastics, fibres and composites. Within Green PAC applied research is done, knowledge is developed and (accelerated) innovations are realised by a unique joint venture between universities of applied sciences, universities and companies in the plastics industry. By making use of the various facilities that Green PAC offers, the business community is being allowed to develop and carry out innovative projects under favourable conditions. In addition, Green PAC is focusing on education (e.g. a minor in Sustainable Plastics and a master Polymer Engineering) in North East Netherlands in order to strengthen the innovative power surrounding plastics technology. Current R&D projects are e.g.: Sustainable Fibers, Chemical Recycling of PET, Biocomposites for construction purposes, 3D printing, and many others. In September 2016 the Biobased Business Event Emmen 2016 is organized on the Emmtec Industry & Business Park.