



Correction and Clarification Article Financieele Dagblad about Avantium

AMSTERDAM, 11 November 2019 – An article in the Financieele Dagblad this morning gave the impression that there is a delay in the time path for the Avantium flagship plant for FDCA and the plant-based polymer PEF. This is incorrect. Avantium still aims to open its FDCA flagship plant in 2023. The Financieele Dagblad has corrected this information in the meantime.

For clarification purposes, Avantium reiterates its previous announced scale-up and commercialization plans of its YXY, RAY and DAWN technologies, as summarized below:

The company currently has three renewable 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). In 2011, Avantium was the first company to successfully build and operate a FDCA pilot plant in Geleen (nameplate capacity of 15 tons per annum). In 2016, Avantium established Synvina, a joint venture with BASF to commercialize the YXY Technology. Avantium regained full ownership of Synvina in January 2019 and the business unit was renamed to Avantium Renewable Polymers. Avantium intends to build a cash-flow positive 5 kiloton FDCA flagship plant for PEF, slated to start-up in 2023.

The second technology is called Ray Technology™ and catalytically converts plant-based sugars to plant-based MEG (mono-ethylene glycol). Avantium is scaling up its Ray Technology™ and opened a 10 ton plant-based MEG demonstration plant on November 7, 2019 in Delfzijl, the Netherlands. The plant will cover the Ray Technology™ including all process steps in converting industrial sugars to glycols. This allows for the production of MEG and MPG samples that are representative of the final product from a subsequent commercial-scale plant aimed for start-up in 2024.

The third 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 pilot biorefinery in Delfzijl, the Netherlands.

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