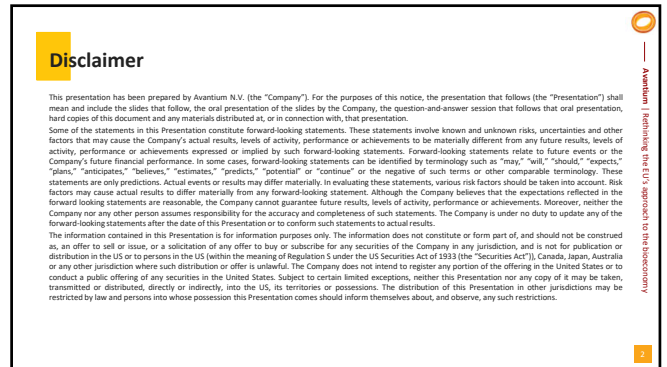
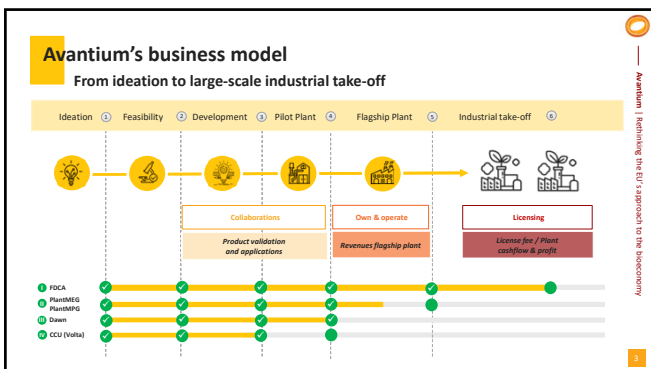




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3

Construction of FDCA Flagship Plant commenced in 2022
The world's first plant producing FDCA on a commercial scale

Location:

- Chemie Park Delfzijl (NL)
- Environmental permit in place

Progress:

- Completed and Operational in 2024
- 80% plant output secured

Objective:

- Prove technology at SktA scale
- Sales of PEF & FDCA applications
- Unlock licensing business

4

Numerous strategic collaborations & offtake agreements

High performance
Fully sustainable
Cost competitive

R&D collaborations
Long-term offtake agreements

Development of PEF for beverage applications
PEference™ aims to establish an innovative supply chain for FDCA & PEF

The PEF Tactile Community aims to develop PEF yarn applications

Partners: DANONE, Coca-Cola, PEference, ANTEX, kvadrat, CHAMATEX, SALOMON, Refresco, Resilux, TOYOBO, monosuisse, kवादrat, SUKAWO, LVMH, BIRKEN

5

Avantium Renewable Polymers is ready to deliver

Strong market momentum

- Robust commercial loading of FDCA Flagship Plant: 14 offtake agreements signed
- Favourable terms of the offtake agreements: min. 5 years, volume range with minimum volume and price thresholds
- Strong commercial momentum for future (licensed) plants

Strategy execution

- FDCA Flagship Plant completed in 2024, with a clear path to scale up towards licensing
- First revenues from sale of PEF and FDCA
- First technology license agreement signed, strong potential for additional licensing agreements

6

plantMEG is a key drop-in ingredient for large end-markets

Avantium value proposition
 plantMEG will provide brands with a sustainable & innovative ingredient

Key ingredient in a wide range of end applications (PEF, fibers, PET, coolants, solvents and other performance applications)

Independent from fossil feedstock up to 83% CO₂ reduction¹⁾ impact compared to fossil-MEG

Competitive with fossil equivalent by superior single-step catalytic process

Pilot Plant successfully commissioned in 2020, with a clear path to scale up towards commercialisation

Strong IP position and know-how (17 patent families)

Drop-in, no need to develop the market (like for PEF)

Note (1) The 2022 ISO-certified LCA shows a greenhouse gas (GHG) emission reduction of up to 83% over the life cycle when Avantium's plantMEG™ is compared with MEG based on naphtha, shale gas, natural gas or coal. European CO₂ standards and methods do not allow carbon discounting based on temporary storage.

7



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Key success factors for commercialising biobased products

Technical

- World-class technology
- Site selection
- Engineering
- EPC partner
- Permits

Commercial

- Offtake contracts
- Regulatory
- Application Development
- LCA
- IP

Financing

- Solid Business Case
- Secure grants
- Secure equity
- Secure debt

Capable Team → **Exceptional Science** → **Strong Partners**

9

What have been our Aids?

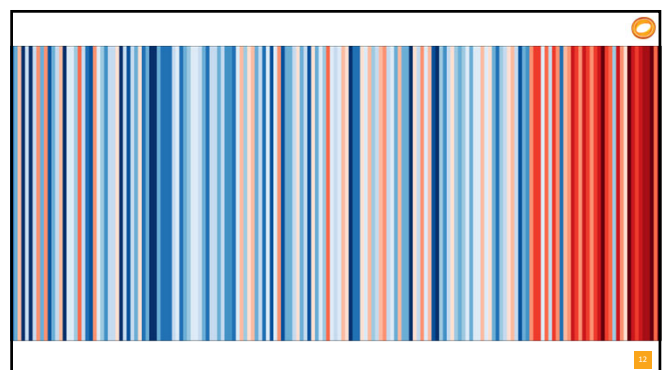
- Support in Technology Development: lab and pilot plant work (examples of help: WBSO, PROOF,...)
- Support in Value Chain Development: feedstock, product, operations and application development (examples of help: CBE – PEference, Ecoxy & ReSolve, PoPIP,...)
- Support from financiers who stuck out their neck for a new renewable polymer, like provincial investment funds, Groningen Seaports, EPC contractor Worley, Nationaal Groeifonds and the national banks, including InvestNL
- Support from commercial partners who committed to developing PEF applications and buying material from the Flagship Plant

10

What are our Obstacles?

- No level playing field in the market versus incumbent fossil-based recycled and virgin polymers (price competitiveness)
- More stringent environmental demands in permitting process for new technologies
- Circularity hurdles:
 - recycling of a new polymer: volume
 - minimum renewable content in applications
- Renewable Carbon: no level playing field for bio- and CO₂-based carbon versus recycled carbon in the new PPWR
- Access to funding at favorable (reasonable) conditions
- The Chemical Industry is very capex intensive and opex sensitive

11



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