

Avantium Fact Sheet

Company profile

Avantium is a leading technology company specialized in the area of advanced high-throughput R&D. The company develops and commercializes furanics, a next generation biofuels and bioplastics, and develops improved forms of existing drugs. Avantium has demonstrated the value and commercial potential of its unique technology and knowledge by collaborating with leading companies in the energy, chemical and pharmaceutical industry. Avantium's customer base for its R&D services and systems offering consists of more than 100 companies worldwide.

Facts and figures

- Revenues (2008): €19 million
- Number of employees: > 100
- Founded in 2000
- Avantium has its laboratories and headquarters in Amsterdam, the Netherlands

Customers

Avantium customer base consists of blue-chip companies in the energy, chemicals and pharmaceutical industries. The company has collaborative partnerships with Shell, BP, Sasol, NatureWorks, GSK and Boehringer Ingelheim.



Management team

Tom van Aken (CEO)
Frank Roerink (CFO)
Gert-Jan Gruter (CTO)
Guus Scheefhals (COO Pharma)

Contact

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Bio fuels and bio-based chemicals

Avantium is the leader in "furanics", a new generation of bio-based fuels and plastics.

Fuels

- Blends with diesel, gasoline and jet fuel
- Both C5 and C6 sugars from non-food biomass
- No sulphur, less soot



Plastics

- Sustainable materials with attractive properties
- Replacing oil-based products in large, existing applications

Process

- Disruptive economics
- Chemistry and catalysis
- Good fit with existing industrial plants

Avantium Chemicals

Avantium Chemicals provides research services and systems to the leading companies in the energy, refining and chemical industries.

Catalysis research services

- The development of novel catalytic processes
- Gas-to-liquid (GTL) and Gas to products (GTP)

Catalysis research systems

- Parallel catalyst testing: Flowrence™
- Faster and scaleable process development



Avantium Pharma

Avantium Pharma provides crystallization research services and systems to all Top 20 Pharma companies.

Crystallization research services

- Specialized services to support the development of small molecule drugs
- Access to unique technology and expertise

Crystallization research systems

- Parallel solubility and crystallization research: Crystal16™ and Crystalline
- Small scale at a very high speed

Partnerships

- Develop novel crystal forms of marketed drugs
- In combination with alternative formulations
- Improve clinical or patient benefit and extend product life cycle

