

Curriculum Vitae Ger Brinks

PERSONAL

Name: Ir. Ger Brinks
Date of birth: 8th February 1952
Place of Residence: Almelo, The Netherlands

EDUCATION

1964 - 1971 Secondary general and technical education.
1971 - 1975 BSc textile engineering, De Maere Enschede (now Saxion UAS).
1976 - 1981 Ir (MSc) degree University of Twente, Chemical Engineering
Major: Biomedical Materials Technology, graduation thesis: Synthesis of Poly-N5-hydroxypropyl glutamate.

During my career I attended 22 training courses related to materials and processes, business management, organization, R&D- and technology management and strategy.

Publication list includes over 200 papers, patents and invited lectures.

INTERIM AND CONSULTANCY CAREER

2019 – present Participant in the EU project REFLOW. The vision of REFLOW is to develop circular and regenerative cities through the re-localisation of production and the reconfiguration of material flows at different scales.

2018 – present Development of the “Regiodeal”, an investment program for the recycling of textiles in Eastern-Netherlands. TexPlus being the responsible foundation (www.texplus.nl).

2011 – 2017 Development of roadmap for the Dutch textile industry, in commission by MODINT, followed by acting as program manager for 5 innovation projects together with the Dutch textile and carpet industry.

2007 – 2019 Part time Professor for Smart Functional Textiles at the Saxion University of Applied Sciences, Enschede, NL. Focus on programmes for joint development and curriculum development, “circle of experts” (18 experts). Key projects in the area of responsive smart textiles, digital processes/surface modification, and sustainability.

2006 – 2008 Associate at Boer & Croon Executive Managers B.V., Amsterdam. The following projects were executed:

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- Producer of window systems: Assessment of the R&D organisation, development of a plan for restructuring and repositioning.
- Textile fibre company: Assessment of the R&D organization and plan for restructuring, integration of process engineering, R&D and marketing towards a consistent and efficient operating teams.
- Technology Institute: redefinition of their strategic goals based on competence areas.

2006 – 2008 Interim global R&D director. Bonar BV, member of Low and Bonar, reorganization and repositioning of the global R&D organization for new products and for production technology of polymer fibres.

BUSINESS CAREER

2000 – Present Owner and director of BMA~Techne, an engineering company aimed at business technology development in the area of (high-tech) materials.
Some recent assignments (selection out of over 50 projects):

- Modint Routekaart project, identifying and organizing development projects for the Dutch textile industry.
- FTN Routekaart project, member of the working group on materials technology.
- One of the initiators/executors of the AMMON project (Advanced Materials Manufacturing Oost-Nederland).
- Writing of position papers for material/polymer research institute for polymer fibres and for the Open Innovation Centre for Advanced Materials (OICAM)
- Textile company: support an acquisition process in the area of digital printing (due diligence).
- Support and development process in the area of digital printing.
- Business development of plasma treatment technology for synthetic materials.
- Development of laser based cleaning systems for hard polymer flooring.
- Contribution to writing 8 Dutch research programmes and 7 European FP6/7 projects.

2003 – 2006 Chairman of Innovation Power: professional support of businesses and intensified acquisition in the area of innovation and strategy.

2001 – 2007 Co-founder and director of Perdix Technologies, a company aimed development of high tech sensor applications for the chemical process industry and co-product development.

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2015 – present Cofounder and shareholder of SaXcell BV, aimed at development and marketing of SaXcell, a cellulose material based on recycled waste cotton (www.saxcell.nl).

EMPLOYMENT CAREER

- 1996 – 2000 R&D director at the Stork Textile Printing Group (part of the Stork concern). Responsible for the organization of a cluster of market driven innovation projects based on intensive collaboration between Stork companies and partners from outside Stork. Strong focus on modern management of innovation and management of change. Directly managing 7 project managers and a limited staff, total R&D staff involved: 50FTE, total budget involved 8Mfl.
- 1993 – 1996 Divisional Manager Detergents research, Unilever R&D Vlaardingen NL, and Head of Technology Options Unit at Port Sunlight, Unilever Research Laboratory UK. The combination of responsibilities made it a strongly business oriented R&D function. Particularly since the membership of the "Strategic Supplier Management Group", SSMG was a part of this responsibility. Managed the Detergents R&D division at Vlaardingen employing 125 scientists and assistants. Budget: 43Mfl. Strong focus on the interaction of chemicals with textile fibres (polyester/cotton), formulation of polymer structured formulation (US market), enzyme formulations, bleach chemistry, new futures and processing. Being the Head of TOU, a group of 16 managers in the research lab at Port Sunlight and a senior manager at Edgewater, NJ, responsible for all the contacts and strategic alliances with the principal raw material suppliers. Exclusively dealt with them on the highest management levels and organized joint projects and alliances. In addition, responsible for the design of the alliance policy of our R&D organization.
- 1989 – 1993 Development Executive, Lever Industrial International, (nowadays: JohnsonDiversey) part of Unilever, Maarssen and Enschede (The Netherlands); two business areas and member of two Business Area Teams. International management pivot function within two business areas, and as member of two Business Area Teams responsible for the development of these areas managed 6 development groups in Maarssen and Enschede (The Netherlands). Budget 8Mfl. Content: formulation and production research of formulated products and treatment of polymer floorings and coatings.
- 1988 - 1989 Manager R&D, Otares BV, part of Sara lee/DE, at Enschede, The Netherlands. Management of the R&D unit for the

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international development of industrial and institutional cleaning and maintenance products (\pm 20 people, budget 2,5Mfl). Business development job on the edge of R&D, technology and business. Responsible for R&D for the market segments: polymer coatings and floor treatment, washroom hygiene, industrial cleaning, hard surface cleaning.

1985 - 1988 Section Leader of the section non solids of the pharmaceutical R&D of Organon International B.V. (AKZO Pharma). Management of three R&D groups that investigated all aspects of solutions and semi solid formulations for active compounds (Pharmaceuticals). Emphasis on organization and management; leading three group leaders. Content: physical chemistry of polymer solutions, analysis of pharmaceuticals.

1981 - 1985 Groupleader in the section Non-solids of the Pharmaceutical R&D labs, Organon Int. BV (part of AKZO Pharma, Oss, The Netherlands). Task was to execute Research and Development in the fields of non-solid dosage forms for pharmaceuticals. Content: formulation research, analytical research, physical chemistry of polymer solutions. Synthesis of Poly-L-lactic acid and poly-glycolic acid.

ADDITIONAL JOBS

2018 - present Chairman of foundation TexPLus, an industrial group of companies that invest in developing textile recycling.

2014 - 2018 Cofounder and board member of NETFAS, the European association of UAS in textile research.

2009 - 2014 Board member of the Foundation for Engineering of Fibrous Smart Materials, the industrial textiles chair at the University Twente.

2007 – present Co-author of texalerts, a quarterly newsbrief on developments in textiles.

2008 Member of the organization committee for the European PPE conference.

2004 – 2006 Guest lectures at Saxion Hogescholen in the area of high tech polymer materials and smart textiles.

2002 – 2009 Secretary/Treasurer of the Foundation for Engineering of Fibrous Smart Materials, the industrial textiles chair at the University of Twente.

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- 1998 - 2000 Chairman of the "Nederlands Textiel Instituut".
- 1998 - 1999 Member of the board of Textile Research Association "de Voorzorg".
- 1998 - 1999 International Network Advisor/chairman of the industrial steering committee of the European Textile Research organization Euratex.