

CV

Personal details

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Curriculum (chronology)

- 2014 Establishment of X-PORE CONSUMER BV; Sales & Licensing of Ceramic Nano-Silver Balls for drinking water conservation
- 2014 Establishment of X-PORE MEMBRANES BV
- 2012 600 m² Facility for Pilot Production & Development: Lage Dijk 29 B in Helmond. Lab facility, gas fired and electrical production furnaces, ceramic forming technology, ceramic coating technology.
- 2012 Establishment X-PORE BV, development, production and sales of porous materials and systems.
- 2011 - Consultancy Technology Commercialisation & Start ups (CEPA BV).
- 2011 Training Program SWRO Desalination.
- 2010 - 2011 Chief Technology Officer Hyflux Group, Senior Vice President Hyflux Group, Singapore. Head of R&D and Product Development, including SWRO UF pre-filtration Membranes, Hollow Fibre & Flat Sheet Membranes for MBR, pilot testing.
- As of 2011, Hyflux is considered one of the world's leading membrane-based desalination suppliers, it is currently building the world's largest seawater reverse osmosis desalination plant in Algeria. Hyflux's track record also includes Singapore's first water recycling plant and first seawater desalination plant and China's largest membrane-based seawater desalination plant in Tianjin. Hyflux will also be developing Singapore's second and largest membrane-based desalination plant.
- 2009 - 2011 CEO Hyflux CEPAration Technologies Europe BV, Helmond. The Hyflux R&D Company for Inorganic and Hybrid Membranes for High Temperature gas separation.
- 2009 - 2011 Hyflux Industrial Fellow Eindhoven University of Technology.
- 2006 Hyflux CEPAration category winner of Aquatech International Innovation Award.

- 2001 - 2011 CEO and founder of Hyflux CEPAration BV, Helmond.
 Founded in 2001 as CEPAration BV, spin out Netherlands Organisation for Applied Scientific Research (TNO) Eindhoven, for commercialisation of Hollow Fibre Ceramic Membranes; JV in 2006 with Hyflux Singapore.
- 2001 - Founded Ceramic Partners (CEPA) BV, Consultancy and Techno Start-ups.

Research

- 1999 - 2002 President Dutch Ceramic Society, board member European Ceramic Society.
- 1990 - 2001 TNO Eindhoven, Head of Ceramic Technology; Manager Centre for Technical Ceramics, cooperation between TNO and Eindhoven University of Technology (TU/e). Founder and CEO of spin-off company for ceramic hollow fibre membranes (CEPAration BV)
- 1986 - 1992 Board Member Dutch Ceramic Society.
- 1986 - 1990 Netherlands Energy Research Foundation (ECN) Petten/Holland, head of Ceramic Research Dept.
 Leader of Development & Technology Transfer to Spin-off company for conventional ceramic membranes (ECO CLEAN TECH BV)

Consultancy

- 1985 - 1986 TCKI Engineering & Consultancy, consultant Traditional Ceramic Industry.

PhD

- 1982 - 1985 PhD Thesis University of Nijmegen, Thermodynamic Stability and Crystal Morphology of Some Calcium Phosphates (Bioceramics).

Teaching

- 1978 - 1981 Science Teacher in Zambia (Africa).
- 1977 - 1978 Teaching Holland, Part time + Africa courses.

University

- 1971 - 1977 Chemical Engineering at Eindhoven University of Technology (TU/e), A-level Teacher Training Qualification.

Publications, Patents, Books

Papers and Thesis on Crystal Growth of Calcium Phosphates; papers and patents on ceramic (membrane) technology.
 Co-editor: Euro-Ceramics I, II, III (Elsevier, Proceedings European Ceramic Society Conference, Maastricht, 1989).
 Editor: Ceramic Processing (Chapman & Hall, 1995).