

Resume - Henk Leegwater

date of birth: November 16th, 1951

nationality: Dutch

telephone: +31 6 51 52 51 71
e-mail: henk.leegwater@lexxin.com

company: Lexxin Holding B.V.

main office: Beatrixlaan 9
6165 CW Geleen

local offices: Duinweg 2a
3221 LC Hellevoetsluis

Bedrijfsweg 27
6163 CZ Geleen



Summary

- Consultant
 - plant level
 - board room/executive level
 - implementation of proposed improvements
- Executive Manager in the chemical process industry >25 years
 - manufacturing as well as engineering and research
 - large organizations and small organizations
 - people at plant floor/work shop and high skilled professionals
- Former professor at TU/e - Eindhoven University of Technology
 - Managing director of the post master's program Chemical Process and Product Design
 - Systems and Control Engineering
- Drive to increase the safety performance and the economic performance of (manufacturing) organizations by applying appropriate technology, by better teamwork and by good cooperation.
- Cold eyes reviews
- Columnist
- Industrial involvements a.o.: Akzo, Total, NAM, Essent, Tessenderlo Chemie, BioMCN, Thermphos, DSM, Sabic, Ureason, Sitech, Prorail, Rijkswaterstaat, ABB, Siemens, UMCG, IIR, STC-Group, DCMR, Bio Base Europe, Huntsman

Current Position

- Consultant at Lexxin (2005 -)
 - improving organizations, safety, costs, production, projects
 - interim management
 - high level trouble shooting
 - contacts: from boardroom till plant floor

Previous Positions

- Managing Director of Operator Training Solutions (2014-2018)
 - Operator Training Solutions or OTS.expert
 - Easy maintainable Operator Training Simulators
 - Training Concepts
 - Crew Resource Management
 - Certification of operators based on competences
- Managing Director of the post master design program Process and Product Design (3TU School for Technological Design) of the University of Technology department Chemical Engineering and Chemistry (2005 -2010)
 - two years program, >40 students involved
 - pure industrial oriented
 - final project year in the industry (oil, chemical, food, pharma)
- Part time Professor of Systems and Control Engineering TU/e (1993-2005)
building a two way bridge between theory and industrial practice: stimulating applications of new techniques in a practical environment, giving direction of research on the basis of business needs from the industry; conducting both undergraduate and graduate courses in the faculties Chemical Engineering and Industrial Engineering; winner of the ICT- education prize 2001
- Senior Fellow Plant Automation - DSM TechnoPartners (2002-2004)
 - vision development
- Manager Process Control & Electrical Engineering - DSM Engineering-Stamicarbon (1992-2001)
 - center of 60 employees
 - activities: both projects and support of operating plants mainly at the Geleen site, but also consultancy services world wide
- Plant Manager Naphtha cracker Complex 3 - DSM Hydrocarbons (1988-1992)
about 130 employees working in production shifts, 20 staff members, 50 maintenance people
achievements: good safety record, introduction of quality system, excellent maintenance turnarounds.
- Manager Process Control Staff - DSM Polymers (1985-1988)
after a reorganization of maintenance and staff organizations establishing a process control staff; approximately 15 employees of both academic and professional level.

- **Control Engineer - DSM Polymers (1984-1985)**
automation of the ABS plants and the PVC plant; intensively contact with process operators and maintenance engineers, as well as with plant and maintenance management
- **Team Leader Mathematics and Process Control Department - DSM Research (1978-1984)**
automation of large process installation mainly hydrocarbons, advanced process control applications, a.o. double quality control of distillation columns; economical optimization

Education

- TU/e - Eindhoven University of Technology - Applied Physics (1978)
- with honors
- Light Aircraft Pilot Licence (soaring)
- VCA – VOL

Other involvements

- **Columnist Petrochem**
magazine for the petrochemical and chemical industry in the Netherlands
- **ZCNOP (Zweefvliegclub Noordoostpolder – Glider Club Noordoostpolder)**
 - Former chairman of the Board
 - Chairman Airspace Committee
 - Member Safety Management Team
- **Owner of a two seat self-launching glider type Arcus M registration D-KONP**

Some other involvements in the past

- **Member of the Sustainability Award Jury's (VNCI and CEFIC)**
- **Member of a governmental advisory body (Raad van deskundigen voor de nationale meetstandaarden) till 2012**
- **Co-author of the book: Proactieve Coalities (about the future of the process industry in the Rhine/Schelde delta)**
- **Shareholder of Industrielinqs Pers en Platform (publisher and organizer of symposia and master classes for the (petro)chemical process industry)**
- **Member board of editors of the magazine Automatie (APG group)**
- **Author of chapters in textbooks (distillation control, batch control, engineering handbook)**
- **Chairman of the Board of Artamuse (Regionale school voor Muziek en dans)**