

## Curriculum Vitae

**Full Name:** Karl Klingsheim

**Born:** 1956

**Nationality:** Norwegian

**Academic Credentials:** Dr.Ing. (PhD), tenured professor and RTTP (Registered Technology Transfer Professional).

**Current Position** (from 9/2019): Director Moonwalk, overseeing operations in Africa, including market access, infrastructure, and partner relations. Adjunct professor with NTNU's Faculty of Engineering at the intersection of NTNU Sustainability and NTNU Oceans.

**Synopsis:** Dr. Klingsheim has served in industry, public institutions and governmental organizations, and he has extensive experience from applied and industrial research. He is a seasoned educator with tenure as professor in Norway and in Poland. He has served as executive officer and board member for multinational companies as well as for university spin-offs. He has been instrumental in the concept development, formation, fundraising, business development, staffing, marketing, sales, operations, and benefit extraction for a large number of initiatives, programs, and start-up companies worldwide.

**LinkedIn:** [www.linkedin.com/in/karl-klingsheim](http://www.linkedin.com/in/karl-klingsheim)

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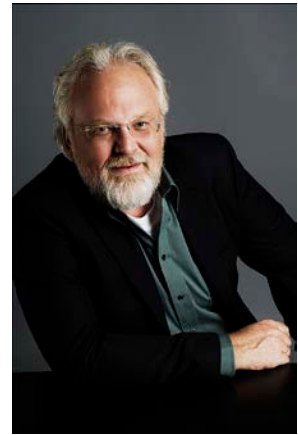
### Past Experience:

4/2016-8/2019: Science & Technology Counsellor with the Royal Norwegian Embassy in Pretoria South Africa, facilitating and supporting bilateral relationships in higher education, research, innovation, and business development in and between Norway and South Africa.

10/2003-3/2016: Chief Executive Officer, NTNU Technology Transfer AS ("TTO"), a subsidiary of the Norwegian University of Science and Technology, from its inception to a successful operation with 30 technology transfer professionals. TTO is the commercialization arm of NTNU and the Central Norway Regional Health Authority, organized as a for-profit business to bring new products and services to global markets, with the overall mission to create benefits to society by effective dissemination of knowledge and research results.

Since 1992: Member, Norwegian Academy of Technological Sciences, NTVA, serving as the Norwegian delegate to Euro-CASE and other international organizations. Board member 3/2014-3/2016.

6/2013-3/2016: Adjunct Professor with NTNU's Faculty of Information Technology and Electrical Engineering, Department of Electronic Systems, responsible for facilitating and coordinating learning activities related to digital innovation.



5/2014-3/2016: Board Member & President-Elect, ASTP-Proton, the premier, pan-European association for professionals involved in knowledge transfer between universities and industry, aiming to enhance the impact of public research on society and the economy by promoting and professionalizing knowledge transfer practices.

11/2013-3/2016: Co-founder & Chairman of the Board, NTNU Accel AS, a community dedicated to accelerating ventures with global potential – by connecting entrepreneurs, service providers, investors, mentors and local communities in a supportive and inspiring environment.

12/2013-3/2016: Chairman of the Board, MazeMap AS, offering unique, effective and inexpensive tools for indoor navigation on phones, tablets and PCs.

4/2015-3/2016: Co-founder & Chairman of the Board, Moonwalk Tomorrow AS, the world's first crowd-funded, crowd-sourced and shared ownership innovation program.

6/2014-3/2016: Board Member, Trøndersk Kystkompetanse AS, providing a community for product and service innovation for the benefit of businesses and society at large.

4/2006-5/2014: Chairman of the Board, NTNU Samfunnsforskning AS, one of the largest contract research institutes in Norway in the social sciences.

2/2002-11/2014: Board Member, Ceetron AS, offering unique tools for 3D visualization for engineering design.

4/2010-4/2014: Chairman of the Regional Board, Junior Achievement Young Enterprise Europe, promoting entrepreneurial skills among the next generation of learners.

5/2008-7/2012: Professor, Warsaw University of Technology in Poland, Faculty of Production Engineering, responsible for innovation and entrepreneurship in the joint master program with Politecnico di Milano, "Global Production and Engineering Management". Also tutoring, supervising and grading intermediate projects and master students.

2/2002-3/2012: Adjunct Professor, NTNU Entrepreneurship Center at NTNU's Faculty of Social Sciences and Technology Management, responsible for the main course "Technology based business development" at NTNU's School of Entrepreneurship.

5/2002-6/2009: Board Member & Chairman, Dossier Solutions AS, offering personalized solution that allows the individual to manage his career development and the enterprise to align individual development with corporate goals and growth.

3/2003-12/2008: Co-founder, Innovation Mid-Norway, aiming to make Mid-Norway a leading region in Scandinavia for knowledge-based creativity and accelerated innovation.

4/2002-8/2006: Board Member & Chairman, Mison AS, providing compact integration of high-quality 3D ultrasound and neuro-navigation for minimally invasive brain surgery.

3/2002-12/2004: Founder & Proprietor, EarlyWin, supporting and augmenting the management team's endeavours to create value for internal and external stakeholders.

10/1997-2/2002: Chief Executive Officer & Chairman of the Board, Clustra Systems Inc., Oakland CA USA, with subsidiaries in Trondheim and in London. Co-founded the company in 1997 as a spin-out from NTNU and Telenor, relocated it to "Silicon Valley" and expanded the business to 100+ employees worldwide. Raised US\$ 35 million in funding from leading venture capital groups in USA and strategic investors in Europe. Clustra's patented database-technology offered zero-downtime functionality for telecommunications, e-business, banking and other 24-by-7 real-time applications. Sold the company to Sun Microsystems (now Oracle) in 2002.

5/1995-9/1997: Vice President & Chief Technical Officer, Norcom Networks Corporation in Reston VA USA. Joined the company at its inception in Seattle WA. Responsible for acquisition, integration, and operation of all technical infrastructures to provide wireless data solutions for end-users based on real-time satellite communications with ubiquitous coverage throughout North America. Norcom was subsequently merged with Wireless Matrix in Canada and listed on the Toronto Stock Exchange.

4/1992-5/1995: Vice President, Telenor, Oslo Norway. Responsible for all research activities in the Telenor Group and general manager of Telenor Research with a staff of ~300 scientists. Carried out major reorganization to shift focus from academic research to innovation and business development, concurrently with the transition of Telenor from a national government agency ("PTT") to a publicly listed company in the global marketplace.

5/1989-3/1992: Director of Research, SINTEF DELAB. Responsible for commercial contract research in the fields of semiconductor physics, optical systems and electronics design, in close collaboration with faculty and staff at NTH (subsequently NTNU).

6/1990: Completed postgraduate studies at NTH, earning a Dr.Ing. (~PhD) degree.

12/1988-4/1989: Visiting Scientist (by invitation) to University of Southwestern Louisiana, USA to conduct research in design theory at the Centre for Advanced Computer Studies (with a grant from the Norwegian Research Council).

9/1985-11/1988: Research Scientist, SINTEF DELAB. Project leader and contributor in academic and contract research focusing on design and test of electronic systems.

10/1983-8/1985: Project Leader & Group Manager, software product development for GE Calma Co in Austin TX USA, providing CAE software solutions for customers world-wide.

5/1983: Earned a Siv.Ing. (~MsEE) degree from NTH, University of Trondheim.

6/1982-9/1983: Scientific Assistant, EE Department, NTH, University of Trondheim.

1978-1982: Student, NTH, University of Trondheim.

1977-1978: Radio Officer, Norwegian merchant marine, world wide and deep sea.

1976-1977: Radio Officer, Norwegian Armed Forces.

1976-1977: Student, Commercial College, Kristiansand S.

1975-1976: Radioskolen Hærens Samband, Jørstadmoen (Norwegian Armed Forces).