

KAREL LUYBEN CURRICULUM VITAE

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PROFILE AND LEADERSHIP EXPERIENCE

Karel Luyben is now *Rector Magnificus Emeritus* of the Delft University of Technology. From 2010 until 2018 he was *Rector Magnificus* of the Delft University of Technology where he served before as Dean of the Faculty of Applied Sciences for almost 12 years.

In 1983 he was appointed full professor in Biochemical Engineering at the Delft University of Technology, and over the years he has gained extensive experience in research, innovation and leadership. This notably includes leading European organisations such as being the President of the [European Federation of Biotechnology](#) (45+ members in 19 countries) and then the President of [CESAER](#) (50+ members in 20+ countries). Since 2018 he has been the [Chair of the Executive Board of the European Open Science Cloud \(EOSC\)](#) following a nomination supported by CESAER, the European University Association (EUA) and the European Federation of Academies of Sciences and Humanities (ALLEA).

Presently he is primarily active in the domain of Open Science. He is National Coordinator for Open Science in the Netherlands; Chairman of the Board of the Dutch Techcentre for Life Sciences; Chairman of the Taskforce Open Science of CESAER and chairman of the Executive Board of the European Open Science Cloud (EOSC).

Throughout his career, he has provided and continues to provide consultation services to research organisations, industries and governments in the areas of Technology and Strategy & Policy.

TEACHING, MENTORSHIP AND RESEARCH

Teaching various university courses over a period of 30 years and supervising almost 200 MSc students next to several Advances Courses in the Netherlands and special courses in more than 10 countries. Promotor and **mentor** for more than 30 PhD students and leader and collaborator in numerous **research** projects which have resulted in (co-)authorship of over 175+ ISI-listed research publications.

SELECTED RELATED EXPERIENCE OVER THE LAST TEN YEARS

- *Rector Magnificus Emeritus*, [Delft University of Technology](#) (since 01-01-2018)
Rector Magnificus, Delft University of Technology (8 years).
TU Delft is the oldest and largest University of Technology in the Netherlands.
- [National Coordinator for Open Science in the Netherlands](#) (since 01-01-2018)
In this newly created role, the National Coordinator will work to achieve the Netherlands' open science ambitions and to strengthen the country's pioneering role in this field.

- [Chair of the EOSC Executive Board](#) (since 01-01-2019)
The European Open Science Cloud (EOSC) is projected to become a reality by 2020 and will be Europe's virtual environment for all researchers to store, manage, analyse and re-use data for research, innovation and educational purposes.
- President of [CESEAR](#) (4 years); Vice-President Research of CESEAR (2 years)
Member of the Board of Directors of CESEAR (since 01-01-2018)
CESEAR is a non-profit international association of 50+ leading European universities of science and technology
- Chairman [Task Force Open Science](#) of CESAER (since 01-01-2018)
This Task Force unites scientists, executives and research and library administrators and contributes to advance open science.
- Member of the [EUA Expert Group on Open Science](#) (since 2018)
- Member of the European Commission's [Open Science Policy Platform](#) (4 years)
The OSPP advises the Commission on how to further develop and practically implement open science policy.
- Chairman Supervisory Board of [QuTech](#) (3 years)
Delft Institute on Quantum Technologies with 135 M€ public and ~150 M€ private funding for a period of 7 years; ~180 researchers.
- Member of the Board of [Medical Delta](#) (5 years)
Medical Delta is a network of life sciences, health and technology partners.
- Member of the chairholders committee of [HollandPTC](#) (3 years)
HollandPTC is the independent clinic and research centre in which TU Delft, Leiden University Medical Centre and Erasmus Medical Centre collaborate in providing excellent cancer care and research.
- Chairman Supervisory Board of [NanoNextNL](#) (6 years)
Consortium of more than one hundred companies, universities, knowledge institutes and university medical centres (250 M€).
- Member of the Supervisory Board of [BE-Basic](#) (6 years)
Public-private partnership (~120 M€) of 13 universities and 39 private organisations.
- Member of the Supervisory Board of [Dutch Polymer Institute](#) (DPI) (8 years)
DPI is an industry-driven international collaboration platform for pre-competitive research in the field of polymers; 23 industrial partners and 45 research institutes.
- Member of the Supervisory Board of [Wetsus](#) (8 years)
European centre of excellence for sustainable water technology combining 78 companies, 28 platform members and 23 research organisations.
- Member of the [Aalto University Board](#) (since 01-01-2018)
The Aalto University Board decides on the strategy, operation and financial issues and is responsible for any far-reaching plans.
- Member of the [OECD-GSF Expert Group on Data Competences and Skills for Open Science](#) (2018-2020)
The OECD is working with member and non-member economies to review policies to promote open science and to assess their impact on research and innovation.
- Chairman Board of the [Dutch Techcentre for Life Sciences](#) (DTL) (since 2013)
Platform of interconnected research infrastructures that enables cross-disciplinary life science research, with 50 research organisations being members.
- President of the Non-executive Board of [Applikon Biotechnology](#) (2008-2020)
Applikon Biotechnology is a world leader in developing and supplying advanced bioreactor systems from laboratory scale to production scale.