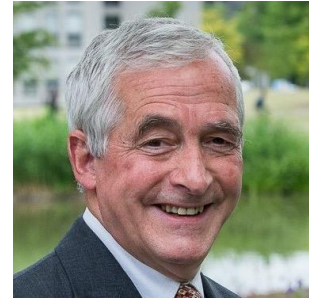


Karel LUYBEN



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Biodata

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Karel Luyben is Rector Magnificus Emeritus of the Delft University of Technology as off 2018. He was Rector Magnificus of the Delft University of Technology from 2010 till 2018. Before that he served 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 from there has gained experience in research, starting a SME, research leadership, leading European organisations like the European Federation of Biotechnology and CESAER.

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; Member of the Open Science Policy Platform of the EU 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.

Academic achievements

Teaching: various courses over a period of some 30 years and supervising almost 200 MSc students next to several Advances Courses in the Netherlands and special courses in more than 10 countries.

Research: promotor for more than 30 PhD-students and (co-)author of 178 ISI-listed publications.

Academic (related) positions last ten years

Rector Magnificus Emeritus, Delft University of Technology (since 01-01-2018)

Rector Magnificus, Delft University of Technology (8 years)

The oldest and largest University of Technology in the Netherlands (<https://www.tudelft.nl>)

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 (<https://qutech.nl>)

Member of the Board of Medical Delta (5 years)

Medical Delta is a network of life sciences, health and technology partners (<http://www.medicaldelta.nl>)

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 care with proton therapy for cancer patients and perform groundbreaking research (<https://www.hollandptc.nl/>)

Chairman Supervisory Board of NanoNextNL (6 years)

Consortium of more than one hundred companies, universities, knowledge institutes and university medical centres (250 M€) (<http://www.nanonextnl.nl>)

Member of the Supervisory Board of BE-Basic (6 years)

Public-private partnership (~120 M€) of 13 universities and 39 private organisations (<http://www.be-basic.org>)

Member of the Supervisory Board of Dutch Polymer Institute (DPI) (since 2010)

DPI is an industry-driven international collaboration platform for pre-competitive research in the field of polymers; 23 industrial partners and 45 research institutes (<http://www.polymers.nl>)

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 (<https://www.wetusus.nl>)

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 member (<https://www.dtls.nl>)

Chairman Supervisory Board of the Institute for Human Organ and Disease Model Technologies (hDMT) (since 2015)

Precompetitive non-profit technological R&D institute (<https://www.hdmt.technology>)

Member of the Dutch Top Team Water (since 2012)

Governing team co-ordinating the Dutch water sector for the Dutch Ministry of Economic Affairs

(<https://www.dutchwatersector.com/about-us/> and <http://www.topsectorwater.nl/wat-is-topsector-water/>)

Member of the board of CESEAR (Conference of European Schools for Advanced Engineering Education and Research) (since 01-01-2018)

Vice-President Research of CESEAR (Conference of European Schools for Advanced Engineering Education and Research) (2 years)

President of CESEAR (Conference of European Schools for Advanced Engineering Education and Research) (4 years)

Non-profit international association of leading European universities of science and technology and engineering, with 50 universities being member (<http://www.cesaer.org/en/home/>)

Chairman Taskforce Human Resources of CESAER (4 years)

The aim of the Task Force is to identify, highlight and disseminate best practices in the CESAER network for the benefit of all member universities. (<http://www.cesaer.org/en/projects/tf-human-resources-tfhr/>)

Chairman Taskforce Open Science of CESAER (since 01-01-2018)

This Task Force unites scientists, executives and research and library administrators and contributes to the multi-actor approach to reach two important pan-European goals by 2020, i.e. full open access for all scientific publications and a fundamentally new approach towards optimal reuse of research data.

(<http://www.cesaer.org/en/projects/task-force-open-science-tfos/>)

Positions in other organisations

Vice President of the Economic Board Zuid-Holland (4 years)

The EBZ, the Economic Board Zuid-Holland (region South Holland in the Netherlands), is a high-level council that brings together knowledge institutions, industry and government; this 'board of boards' aims to develop strategic initiatives that are designed to strengthen the economy and achieve the region's economic objectives

(<https://www.economicboardzuidholland.nl/english/>)

Member of the Executive Board of The Hague Security Delta (HSD) (4 years)

The Hague Security Delta (HSD) is a Dutch cluster –with important regional hubs in The Hague, Twente, and Brabant– where businesses, governments, and knowledge institutions work together on innovations and knowledge in the field of cyber security (<https://www.thehaguesecuritydelta.com>)

Member of the chairholders committee of InnovationQuarter (2 years)

InnovationQuarter is the regional economic development agency for the South Holland province in the Netherlands

(<https://www.innovationquarter.nl/english/>)

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. (<http://www.applikon-bio.com/en/>)

Chairman of the Supervisory Board of Theater de Veste in Delft (since 01-01-2018)

Theater de Veste is a theater in Delft. The theater serves Delft and its surroundings more and more with an international flavour. It has a broad programming of events like museum night, TEDxYouth, Delft Moves and performances such as drama, cabaret, youth theater, dance, musical & show, concert, opera and chamber music concerts (<https://www.theaterdeveste.nl/over-ons/Wie-we-zijn>)

Member of the University Foundation Board of Aalto (since 01-01-2018)

The Aalto University Board decides on the strategy, operation and financial issues and is responsible for any far-reaching plans (<https://www.aalto.fi/aalto-university/board>)

Member of the Open Science Policy Platform of the EU (OSPP) (since 2016)

The OSPP advises the Commission on how to further develop and practically implement open science policy (<https://ec.europa.eu/research/openscience/index.cfm?pg=open-science-policy-platform>)

Member of the OECD-GSF Expert Group on Data Competences and Skills for Open Science (since 2018)

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 (<http://www.oecd.org/sti/inno/open-science.htm>)

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 (<https://www.openscience.nl/en/press-release>)

Chairman of the Executive Board of the European Open Science Cloud (EOSC) (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. (https://ec.europa.eu/info/news/results-call-applications-selection-members-expert-group-members-executive-board-eosc-2018-nov-23_en)