

C.V. Paul van Kempen

PERSONAL DATA

Name	Paul van Kempen MSc
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Birthday	September 7, 1968
Nationality	Dutch
Civil status	Married, 2 children, permanent Netherlands resident
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LinkedIn	LinkedIn Profile Paul van Kempen



SUMMARY

- 20+ years experience in international tech and innovation business affairs, including logistics and financial management.
- High end customer base in private sector, public sector and public private partnerships
- Wide range of experience in aerospace, process industry, energy, defence, pharma, agro & food, infrastructure, maritime, high-tech, economic development programmes
- Providing strategic direction, operational management, new business development, quick turnarounds
- Director with in-depth analytical and decision-making skills
- Elaborate experience in developing and expanding (new) business, alliances, project management
- Strategic business development
- Track record of (international) award winning projects

OVERVIEW

Paul van Kempen is Managing Director of the high-tech consulting company KEC and Operational Director of the World Class Maintenance foundation in The Netherlands. He holds a MSc. in Aerospace Engineering (Delft University of Technology, 1992). His career started in aerospace: as project manager he was involved in many upstream projects like the development and manufacturing of the on-board computers for the International Space Station (ESA project award in 1997 for 'value European contribution to Space Station') and downstream projects like the management of primary rainforests based on satellite radar imagery.

Currently, he is working in various high-tech and innovative domains, with an interest for the full product lifecycle from design up till sustainment and disposal. He is programme director of various projects and initiatives geared towards accelerating innovations into valuable applications and business cases for sectors like aerospace, process industry, energy, defence, pharma, agro & food, infrastructure, maritime and high-tech.

PROFESSIONAL EXPERIENCE

1995-to date	<u>Managing Director KEC</u> Founder and managing director of high-tech consulting company KEC, The Netherlands. Director, interim and project manager for various private and public clients (see a/o*) in the tech and innovation domain.
2015-to date	<u>Operational Director World Class Maintenance</u> Operational director of branche organization and foundation initiating and managing open innovation initiatives for corporate members like Shell, BP, Tata Steel, DSM, ABB, ASM-L, Stork, IBM, SPIE, Tennet, etc.
2016-to date	<u>Steering Group Member Smart Industry Midden-Brabant</u> Steering Group Member of this platform of companies, government and schools stimulating economic development enabled by Smart Industry (Industry 4.0).
2017-to-date	<u>Member of Steering Group National Platform Precision Farming</u> Designer of the National Platform Precision Farming and currently Steering Group Member of this platform, stimulating adoption of precision farming techniques within the agro-food sector.
2017-to-date	<u>Member of Steering Group Werkendam Maritime Industries</u> Steering Group Member of Werkendam Maritime Industries (WMI). WMI is a maritime cluster of companies in the Werkendam area.
2013-2018	<u>Founder and director IMS International.</u> Director of internationally operating company in asset management. Shares sold in 2018
2016-2017	<u>Executive Board Member Duurzaam RielGoirle</u> Founder and executive board member of energy cooperation, delivering sustainable energy projects for municipalities.
1992-1995	<u>Internal and interim HR director K&D Accountants</u> Various positions, incl. interim HR director during scale-up.

EDUCATION

- 1986-1992 *Delft University of Technology, Netherlands*
MSc. in Aerospace Engineering, Faculty of Aerospace Engineering,
Section Space Research & Technology (prof. K. Wakker, rector
magnificus).
- 2010 *NIDV, Eindhoven, Netherlands*
Course on ITAR & IPR in aerospace & defence
- 2001 *Eurocontrol, Beek, Netherlands*
Course on ITIL
- 2000 *ESA/ESTEC, Noordwijk, Netherlands*
Course on Quality Assurance
- 2000 *ESA/ESTEC, Noordwijk, Netherlands*
Course on Configuration Management
- 1996 *ESA/ESTEC, Noordwijk, Netherlands*
Course on ECOS: ESA Costing Software
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- 2015 *Avans University of Applied Sciences, Breda, Netherlands*
Mr. van Kempen developed and provided the course Performance
Based Contracting for Avans Hogeschool (2015)
- 2000-2002 *Censor Trainingen, Netherlands*
Mr. van Kempen provided management training (courses: leadership,
logistics, business economics, quality assurance, accounting) to
managers of various companies, including Unilever, Metso, etc.

AWARDS

- 2015: First Dutch Smart Industry Fieldlab, CAMPIONE (role: Programme Director)
- 2007: No.1 project within the Pieken in de Delta programme, Dutch Ministry of
Economic Affairs (role: Programme Director)
- 1999: ESA award for “valuable European contribution to Space Station” (role:
Programme Director)

EXTRA CURRICULAR ACTIVITIES

Some publications KEC:

- Using COTS in Mass Storage Devices for ISS, Paper IAF-99-U.1.07, P. van
Kempen, 1999, KEC.
- Managing Maintenance Repair & Overhaul - Growing towards successful PBL
Contracting. A supplier's handbook to mature into performance based logistics
contracts for maintaining military assets, 2012
- Masterplan World Class Maintenance 2010-2014, Creating sustainable business
together!, December 2009.
- Aerospace & Maintenance in Midden-Brabant: lange adem, duurzame
werkgelegenheid en hoogwaardige maatschappelijke bedrijvigheid, Paul van
Kempen en Henk Akkermans, november 2010.
- New design techniques & methodologies, ESA/ESTEC contract, September 2009.

- Study on National Industrial Policies in Support to Competitiveness in the Space Related Technological Sector”, carried out for ESA-Paris by KPMG and KEC in accordance with ESA contract no. 16771/02/F/IZ.
- PA approach for the use of COTS in space, Alenia, KEC, ESA Study Ref. TOS-QQ/2003/06-221/FR.
- End Report on Communications Payload Enabling Commercial Services for Galileo, KEC, NIVR-R015-01051, Issue 1, Revision 0, January 2005
- Electrical Power Systems, Smart Li-Ion Battery Management System, EPS-R163-10022, 2002.

Patent application:

- Latch Up protection mechanism for radiation sensitive electronics (filed by Thales, with Mr. van Kempen mentioned as inventor).

LANGUAGES

English, German, Dutch (native language).

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Some sample initiatives/projects:

2015-to date, Operational Director World Class Maintenance

Operational director of branche organization and foundation initiating and managing open innovation initiatives for corporate members like Shell, BP, Tata Steel, DSM, ABB, ASM-L, Stork, IBM, SPIE, Tennet, etc. Responsible for finance and innovation.

2016-to date, Steering Group Member Smart Industry Midden-Brabant

Steering Group Member of this platform of companies, government and schools stimulating economic development enabled by Smart Industry (Industry 4.0).

2010-2016, Programme Director World Class Wind Turbine Maintenance, Delta Infra

Mr. van Kempen managed the project World Class Wind Turbine Maintenance on behalf of a (mainly) Dutch consortium of companies and knowledge institutes. The World Class Wind Turbine Maintenance (WCMC) Project was an open innovation and demonstration project within the frame of the Dutch World Class Maintenance Programme. Prime contractor was the Dutch energy company Delta, that was supported by Mr. van Kempen as programme director. The project was funded by the participating companies, the provinces of Zeeland and Brabant, and the Dutch Ministry of Economic Affairs.

Main goal of the project was to develop, demonstrate and optimize the clustering of knowledge, expertise and skills regarding the maintenance of wind turbines, and to connect these with world class maintenance concepts, forms of cooperation and business cases.

The project resulted in a new commercial product DAISY, currently provided by IJssel Technologie.

2003, Strategic consultancy – ESA Industrial policy – ESA-HQ, Paris

In cooperation with KPMG Consulting, Mr. van Kempen performed a strategy study for ESA-HQ in Paris, regarding support of competitiveness of the European space industry (2003, Study on national industrial policies, ESA-HQ). Mr. van Kempen managed the investigation in all European countries. Mr. van Kempen was involved as the space sector specialist and personally investigated ESA (industrial policy), Netherlands (space, aeronautics, biotech), Belgium (space, aeronautics, ICT) and Ireland (space, aeronautics, ICT).

Within the frame of the study Mr. van Kempen intensively studied ESA’s industrial policy, programmes and instruments (incl. legal framework). Mr. van Kempen also analysed similar policies, programmes and instruments of all ESA member states.

Results of the strategy study were used by ESA as input for the European Ministerial Conference in 2004 during which the European strategy for the next 4 years was agreed.

1995-1999, Programme Director – Space Station - Thales

Mr. van Kempen performed the programme management of the MSD (Mass Storage Device) space project, including the co-ordination and monitoring of sub-contractors and suppliers.

The MSD is part of the Data Management System of the Russian segment (DMS-R) for International Space Station (ISS) and for the European segment module: Columbus Orbital Facility (COF).

After the design & development and qualification phase of the DMS-R phase of the project, Mr. van Kempen was responsible for the product assurance and safety during the design, manufacturing and testing of the flight models for COF.

The MSD team received an award from ESA regarding “valuable European contribution to Space Station”.