

CURRICULUM VITAE

EMPLOYEE PROFILE



NAME : Rene Heijenberg
DEGREE : MSc. BA / B Eng.
YEAR OF BIRTH : 1961
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PROFILE:

BRANCH EXPERIENCE

Process Automation "from Instrument to Boardroom"
 Process industry (oil & gas, chemicals / fine chemicals, food / dairy, infrastructure, drinking water)

EXPERTISE / KNOWLEDGE AREA

Senior Project Management (Multi-disciplinary)
 Risk Management
 Process automation (DCS, PLC, SCADA, MES)
 Functional safety / Process safety (PHA, HAZOP, SIL)

WHAT GIVES ME ENERGY?

Initiating and organizing of complex projects
 Exceeding stakeholders expectations
 International challenges

EMPLOYMENT HISTORY

Safewise, Driebergen, NL	Freelance Consultant	2005 – ongoing
Invensys (Foxboro), Baarn, NL (System supplier)	Senior Project Manager	2000 – 2005
Allmons, Waalwijk, NL (Consultancy)	Consultant/Project Man.	1999 – 2000
Vega IT, Hoofddorp, NL (Staff placement)	Consultant	1992 – 1999
Miles g.s.m, Breda, NL (Staff placement)	Lead Engineer	1988 – 1991
Foxboro NV, Soest NL (System supplier)	Application Engineer	1985 – 1988

EDUCATION

MSc in Business Admin. (Organizing of organizations/ Sociotechnique), Univ. of Nijmegen <i>Thesis subject: "Can Resilience Eng. help in balancing Outsourcing of RBM"</i>	2010 - 2013
BSc. Applied Operational Technology (AOT), School for Polytechnics, Utrecht	1982 - 1985
Marine Engineering BM-grade, School for Marine Engineering, Utrecht	1977 - 1980

COURSES TAKEN

Professional Scrum Master PSM 1 @ Prowareness / Agile.com	2018
Masterclass Project Risk Management, PMI, London	2014
Business Management for Professionals, School for Polytechnics, Amsterdam	2002
Masterclass Advanced Information Technologies, CIBIT Utrecht	1997
Modern Western Philosophy, University of Utrecht (propaedeutic)	1994 - 1996
Development of Knowledge Based Systems, CIBIT Utrecht	1993
Advanced Class in Business Science, IBW, Utrecht	1989 - 1991

CERTIFICATIONS

Professional Scrum Master PSM 1
 PMI Project Management Professional (PMI-PMP)
 PMI Risk Management Professional (PMI-RMP)
 Prince2 Foundation
 Functional Safety Engineer by TÜV Rheinland (IEC61508 / IEC61511 engineering)
 Functional Safety Engineer by Shell (Shell SIFpro)

ADDITIONAL BUSINESS ACTIVITIES

www.MetaRiskManagement.com - research	Initiator
SIGI BV – association of innovators	Initiator
Delta Pi - Risk and Safety Management (www.delta-pi.nl)	Associate
Project Management Institute (PMI) – NL Chapter	Active member
Instrument Society of America (ISA)	Active member
Botlek Study Group	Member

LANGUAGES

	<u>Speech</u>	<u>Writing</u>
<i>Dutch</i>	Native	Native
<i>English</i>	Excellent	Excellent
<i>German</i>	Good	Good
<i>French</i>	Poor	Not

REFERENCES PROJECT (RISK) MANAGEMENT:



Tetra Pak Processing Systems, Lund (Sweden) / Moscow (Russia) **Aug 2019 – now**
Position: Automation Project Leader
Respons.: Responsible for delivery of the scope for Process Automation for a green meadow milk- and cheese production site from EkoNiva in Novosibirsk.
Task: Leading the PA-team (+/- 20) concerning quality, risks, time and budget from design up to FAT
Techn.: Tetra Pak Plant Master, Siemens S7, Wonderware Modern App



Van Sillevoldt Rice, Papendrecht (NL) **Nov 2017 – now**
Position: Senior Project Manager
Respons.: Responsible for all project aspects, from project Business Case till final handover to operations
Task: Project Management of project from Initialization phase till delivery phase for a PLC / SCADA application (Business Case, Investment Proposal, Design, Build , Test and Install) for the processing of rice, including ERP connectivity, tracking & tracing and route management.
Techn.: Modicon, Wizcon, FipWay, KSE PROMAS



Tetra Pak Processing Systems, Reinbek (G) **Aug 2018 – April 2019**
Position: Commissioning Manager
Respons.: Responsible for managing the commissioning and start-up. The Tetra Pak project is delivering a new cheese factory in Neumunster for Meierei Barmstedt
Task: Planning the Commissioning phase and managing the CSU team of 40 engineers.
Techn.: Tetra Pak Plant Master, Siemens S7, WinCC



Tetra Pak Processing Systems, Houten (NL) **Feb 2018 – July 2018**
Position: Automation Project Leader
Respons.: Responsible for all project aspects for the Specialties part of the project
Task: Project Manager for delivery. The project is delivering a new PLC/ SCADA / MES application for a dairy site of Arlafoods in Nijkerk (NL). Team is located over Netherlands, Sweden, Kroatia, UK.
Techn.: Tetra Pak Plant Master, Wonderware System Platform, Siemens S7, ABB Sattline, APV SPX



Schneider Electric, Baarn (NL) **Nov 2016 – Dec 2017**
Position: Senior Project Manager
Respons.: Responsible for all project aspects
Task: Project Management over the design, build ,testing and installation of DCS systems for the Shell Pernis SDA project. (4.5 ME / 2 teams of 35 fte total in Netherlands and Slovakia located)
Techn.: Foxboro IA



FrieslandCampina, Amersfoort (NL) **Jan. 2016 – Nov 2016**
Position: Programme Manager
Respons.: Responsible for all aspects
Task: Organizing a programme for deployment of 30 projects (8M €) for APC (Advanced Process Control) / MPC (Model Predictive Control) on spray dryers and evaporators
Task: EPC-management for a MES project for the automation of order handling and connecting the production area with the financial system (ERP/SAP), deployed in 4 phases over 7 sites.
Techn.: Rockwell Pavilion; Rockwell CPG-Suite; Rockwell Pharma Suite, SimSci Connoisseur



Shell Rafinaderij NV, Rotterdam **March 2015 – Feb 2016**
Position: Project Manager
Respons.: Responsible for all aspects from initiation to handover to operations
Task: Lead of several projects for process control and process safety, including electrical and civil scope. One of the projects being the design and build of 3 Operator Training Simulators for a cat-cracker, a hydro cracker and an alkalide unit.
Task: Secure projects concerning safety and quality (time, cost and scope)
Techn.: Honeywell Experion, Honeywell SMS, Schneider (Foxboro IA), SimSci OTS, Emerson Delta V



Martinswerk GmbH / Albemarle, Bergheim (Germany)

Sept. 2011 – Feb 2015

Position: Program Manager
Respons.: Responsible for all aspects from initiation to handover to operations
Task: Leading the initiation, execution and start-up of a project (8 M€, 25 fte) for plant wide DCS replacement (13.000 IO) + consolidation of 3 control rooms.
Task: Implementation of a new Process Historian including pilots for MES functionality
Task: Support the multidisciplinary team for demolition of an old Bauxite preparation plant, including re-routing of the main gas supply piping and natural gas treating station
Techn.: ABB Freelance, ABB 800xA Industrial IT, OPC, OSIsoft PI, OSIsoft Asset Framework



Waternet, Amsterdam (NL)

March 2010 – Aug. 2011

Position: Project Lead contracted by KienIA
Respons.: Project initiation, multi-disciplinary (automation, electrical, mechanical, civil)
Task: Leading the team for a refurbishment of a production location of drinking water for the city of Amsterdam
Task: Leading the team for the completion of a simulation and advisory system for drinking water demand and supply monitoring and control for the city of Amsterdam
Techn.: ABB 800xA Industrial IT, OPC, Windows client/server technology



Invensys Process Systems NV, Baarn (NL)

March 2008 – Aug. 2009

Position: Interim Manager for Refinery Off-sites department
Respons.: Full responsibility for department strategy and finances. (AOP van 10 MM+ US\$)
Task: Leading the department of 55 experts in Industrial IT and member of the local MT
Task: Leading the team for design and implementation of a major MES application for refinery and chemical plant in Saudi Arabia
Techn.: IPS ROMSS Off-Sites Suite, InFusion, Manufacturing Execution Systems (MES), WonderWare, asp.net, C#, B2MML, SAP



SABIC (General Electric BV), Bergen op Zoom (NL)

Aug. 2006 – Feb. 2008

Position: Project Manager
Respons.: Full project responsibility, multi-disciplinary
Task: Leading the team for project initiation and basic design for a 30.000 IO DCS Migration (initial phase for 10 year+ / 40 MM+ US\$ project). Resin plant, phosgene, BPA and chlorine.
Techn.: Emerson Provox, Emerson DeltaV, Design for Six Sigma (DFSS)



Gasunie NV, Groningen (NL)

Feb. 2006 – Juli 2006

Position: Lead Engineer
Respons.: Leading the data design team
Task: Team Lead for a complex European Tendering for SCADA; leading the team for creating a Project Execution Plan for Data Management design and functional decomposition
Techn.: Gasunie Project Office Portal

2004 **Shell Pernis (NL) / Heide (G)**
 2000 **Ceska Rafinerska, Kralupy / Litvinov (Czech Rep.)**
 1998 **Shell Exploration, Gabon**
 1998 **PepsiCo Chips, Broek op Langedijk (NL)**
 1997 **Honeywell Automation Systems, Amsterdam (NL)**

1997 **Inmarsat satellite operations, London (UK)**
 1996 **Witteveen & Bos Consulting, Deventer (NL)**
 1985 – 1995 Several different project

REFERENCES PROCESS SAFETY MANAGEMENT:



Electric Superbike Twente

Sept. 2017 – Nov. 2017

Positie: Onafhankelijk adviseur (pre-deo)
Verantw.: FMECA
Taak: Organization, facilitation and reporting of a FMECA for a project designing and building an electric motorbike for racing.
Techn.: FMECA report in Excel



Martinswerk GmbH / Albemarle, Bergheim (Germany)

Oct. 2013 – Feb 2015

Position: Independent consultant
Respons.: HAZOP/PHA Leader
Task: Organization, leading and reporting of the HAZOP for 2 coal fired boilers (60 Tons/hr, 520 dgC, 150 bar) + a PHA for 2 scrubbers + 2 smaller PHA's
Techn.: HAZOP/PHA reporting in Excel



Attero, Weister (NL)

Nov. 2013

Position: Independent consultant
Respons.: HAZOP Leader
Task: Organization, leading and reporting of the HAZOP of new to build biogas treatment station.
Techn.: HAZOP reporting in Excel



Maasvlakte Olie Terminal, Rotterdam (NL)

Oct. 2013

Position: Independent consultant
Respons.: HAZOP Leader
Task: Organization, leading and reporting of the HAZOP of the complete terminal with 39 crude oil tanks, 2 jetty's and a separator plant
Techn.: HAZOP reporting in Excel



Sulzer Turbo Services, Rotterdam (NL)

Aug. 2012

Position: Independent consultant
Respons.: HAZOP Leader
Task: Organizing and executing the HAZOP analysis of 4 steam turbines with air and syngas compressors for Borealis in Linz, Austria
Techn.: HAZOP, Tri-Sen, IEC61508/61511



Tata Steel Packaging, IJmuiden/Velzen (NL)

Aug. 2011 – Sept. 2011

Position: Independent consultant associated to Delta Pi
Respons.: RI&E Engineer
Task: RI&E safety analysis, TRA and SIL analyses for a continuous annealing line furnace
Techn.: FTA, FMECA, IEC 746, IEC61508/61511



Waternet, Amsterdam (NL)

March 2010 – Aug. 2011

Position: Project Lead on behalf of KienlA
Respons.: FMECA engineer
Task: Organizing and reporting the FMECA for the design of an advisory system for drinking water demand and supply monitoring and control for the city of Amsterdam
Techn.: FMECA



Corus, IJmuiden/Velzen (NL)

Sept./Nov. 2007

Position: Risk studies, Independent advisor, associated to Delta Pi
Respons.: RI&E Engineer
Task: Organizing and execution several risk analysis
Task: Organizing SIL training
Techn.: ABB 800xA Industrial IT, OPC, FMECA



Total, Milford Haven (UK)

Oct. 2006

Position: Independent consultant on behalf of Invensys
Respons.: HAZOP Leader
Task: Organizing and execution of HAZOP for blend optimization project
Techn.: HAZOP, Layers Of Protection Analysis (LOPA)



Shell Netherlands Chemicals, Moerdijk (NL)

May 2005 – Feb. 2006

Position: Independent consultant
Respons.: Risk Engineer
Task: Analysis, design and implementation in existing Business Workflow
Task: Transferring of GAME global working procedures in local working procedures
Techn.: Shell Business Processes

1999 Moore Systems, Ridderkerk (NL)
 1998 **Graseby Medical Systems**, London (UK)
 1995 **ABB Lummus Global**, Den Hague (NL)

1993 **Hoogovens / Corus steel works**, IJmuiden (NL)
 Starting 1985 - Several different project