

Resume

John de Croon



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Profile

John has over 20 years asset management experience in the capital intensive sector. His characteristics are drive, enthusiasm and passion for the asset management business. John is a realist and his knowledge and productivity provide rapid results with high quality.

Since 2008 John has been an independent asset management consultant. Before he worked as an asset management consultant at PricewaterhouseCoopers, Ernst & Young / Capgemini Consulting and KEMA.

Relevant projects/studies

- Pilot integral replacement planning and determining synergies for roads, sewerage and green spaces Municipality of Zoetermeer (2021 – present)
- Support and decision-making at the Kolff pumping station, Steenenhoek Canal, Steenenhoek Canal, workshops for the introduction of Enterprise Risk Management. Water Board Rivierenland (2021 – 2022)
- Drawing up a Strategic Asset Management Plan (SAMP) for all programs (Water safety, Water quality, Water system, Roads and Green). Subsequently, a multi-Year Asset Management Plan is derived per program. Water Board Hollandse Delta (2020 – 2021)
- Implementation of asset management in accordance with ISO55001, to be followed by certification for Wind and Solar. Pure Energie (2021 – present)
- Determining asset management ambition and strategy, risk inventory, assessment and prioritisation, risk analyses and determining mitigation measures. Product groups Coffee, Security, Extinguishing media, Energy, Tenant maintenance, Meetings. Municipality of Rotterdam, Concern housing (2021)
- Guidance with quick scan ISO55001, pilots in which the entire process from risk inventory to evaluation of control measures has been handled. Guidance in drawing up asset management plans for the entire outdoor space based on asset management principles. Municipality of Alphen aan den Rijn (2019 – 2021)
- Definition of improvement program for the implementation of ISO55001, implementation of asset management for water quality (identical to Apeldoorn), Water Board Aa en Maas (2018 – 2021)
- Scan ISO55001. Followed by implementation (risk matrix, roles, processes, guidance on drawing up risk analyzes and determining and quantifying management measures, portfolio definition), Municipality of Apeldoorn (2018 - present)
- Business value framework for water system, pilots with this business value framework, asset management training, Water Board Rivierenland (2017, 2018)
- Prioritisation of replacement and maintenance projects throughout the outdoor space based on the defined business value model, Apeldoorn Municipality (2017)
- Pilot Long Term Asset Planning (LTAP) for sewage assets, Alphen aan den Rijn Municipality (2017)
- Risk analysis e.g. “water in street”, “failure sewage tube” and “entering and leaving water from tubes”. Define measures, determine yield across business values and prioritise these. Rheden Municipality (2017)
- Inventory of risks for the entire public space and analyse the 10 largest. Definition of asset management KPIs, Municipality of Súdwest-Fryslân (2017)
- Assistance in the tender of the asset management project according to ISO55001. Dordrecht Municipality (2017)
- Model for Long Term Asset Planning (LTAP). Municipality Súdwest-Fryslân (2017)
- Model for Long Term Asset Planning (LTAP). Drink water utility Vitens (2016, 2017)
- Definition of business value framework (risk matrix), implementation of asset management, including a model for the Long Term Asset Planning (LTAP) for sewage assets, Bronckhorst Municipality (2016, 2017)
- Guidance on "Managing Risks" (prioritising risks and risk analysis) and “Program design” (definition measures including doing nothing). Apeldoorn Municipality (2016 - 2018)
- Model for Long Term Asset Planning (LTAP). Brabantse Delta public district board (2016, 2018)
- Asset management pilots, Municipality Súdwest-Fryslân (2016)
- Define plan of approach for implementation of asset management on basis of ISO55001, Rheden Municipality (2015) and the implementation of it (until end of 2016)
- Providing a six-day asset management training for project managers within the asset management implementation program for public district board Brabantse Delta (2015). After a basic training, all asset management processes are discussed on basis of

ISO55001

- Conduct an ISO55001 asset management scan, provide support in awareness session for management, Municipality Súdwest-Fryslân (2015) in co-operation with Colibri
- Validation of asset management tools and program management plan for the implementation of asset management, Brabantse Delta public district board (2014, 2015)
- Definition of business value framework and decision model based on ISO55001. Apply these on two pilots. Apeldoorn Municipality (2014)
- Risk management and risk register workshop, Brabantse Delta public district board (2014)
- Risk management and risk register workshop, Vitens water board (2014)
- Plan leading to certification according to PAS55, roles and competency model for asset management, gap analysis asset management roles, Province of Noord-Holland (2013)
- Asset management implementation for all asses, assistance on modeling processes, definition of functional and information requirements. Basis is our asset management handbook which is PAS55/ISO55001 compliant. Define and provide asset management course. Rotterdam municipality (2013 – 2014)
- Dutch public district boards and municipalities/RIONED foundation: asset management guidance (asset management handbook. 2012 – 2013) on basis of ISO55001
- Dutch public district boards and municipalities/RIONED foundation: definition of an asset management roadmap for the entire waste water chain (2012). An article is published on this subject in iMaintain nr 7, 2012 (in Dutch)
- RWE / Essent: definition of functionalities and validation of asset management processes, information requirements and management information for the new Eemshaven power plant. (2011-2013)
- Public Water Board Brabantse Delta: asset management quick scan (PAS55) pilot project, process definition, management information and identify impact on organization (2010-2011)
- Swissgrid: assessment compliance of processes according to PAS55 (2011, 2010)
- Vattenfall Europe Distribution: risk-based asset management pilot based on PAS55 (2009)
- Vattenfall Europe: Quick Scan PAS55 (2009)
- TenneT: definition and implementation of a management control framework including asset management KPI's for the entire asset management value chain (2007 - 2008)
- Public District Board Waterschap Rijn & IJssel: asset management pilot on basis of PAS55 for asset manager and service provider role (2007)
- Continuon (Alliander): definition of functions for asset management and service provider roles (2005-2006)
- Public District Board Hollands Noorderkwartier: Pilot project asset management. Roles: project manager and asset management expert (2005)
- Essent Netwerk (now Enexis): Tessa project: integration of asset managers Essent Networks North and South. Responsible for strategy and process stream. This project has led to the first PAS55-implementation in the Netherlands
- Essent Netwerk Noord: stream lead of the processes. Responsible for business case, definition and implementation of asset management processes and providing input for the IT stream. (2003 - 2004)
- Vitens: Asset Management Workshops (2004)
- TenneT asset management pilot project (2002) including validation of implementation of IFS Asset Management modules
- Hydro One Networks, Toronto, Canada: To Be validation asset management process and package selections for asset management function (2001)

Peculiarities

- Guest lectures Risk management, main phase Finance & Control within the Business Economics sector, Windesheim University of Applied Sciences (2022)
- Fraction Supporter City Council VVD-Liberaal 2000, Municipality of Voorst (2018 - 2022)
- Guest lectures on sustainability and democracy from the City Council Voorst, secondary

- education "Zone College" (2018, 2019)
- Member and participant of Asset Management Nederland (2015 – current)
- Fellow of the Institute of Asset Management (IAM)
- Best paper on World Congress on Engineering Asset Management (WCEAM) 2014, Pretoria (South Africa). Subject: asset management reference model for infrastructures.
- Trainer asset management training for water utility Dunea, part 'tactical asset management', July 2013
- Participant meetings Next Generation Infrastructures (NGI) at Delft University of Technology (2009 - present)
- Guest lecture Zeeland Polytechnic: Maintenance Management Information Systems (October 2009)
- Member Editorial Board Kluwer book "Total Maintenance" (2004 and 2005)
- Asset Lifecycle Management Product Manager at Capgemini Consulting
- Trainer project management for R & D projects: KEMA (1996)
- Trainer Key success factors and performance indicators: Budapest University (1994)
- Master of science degree with distinction (1994)
- Teacher electronics 'The Young Researchers' in Arnhem (1992)

Sectors

The projects carried out in the capital intensive sector, in the Netherlands and abroad

- Water (drinking water and waste water for public district boards and municipalities)
- Government (municipalities and provinces)
- Energy production and network companies
- Food and pleasure
- Oil and chemicals
- Waste
- Defence
- Contracting
- Maritime

Publications

- Do the right things right. Demonstrable results with asset management. Almer de Jong, Diederik Anema, John de Croon. Magazine Riolerling, April 2018 (in Dutch)
- Strategic asset planning: balancing cost, performance and risk in an ageing asset base. World conference on engineering asset management, Brisbane, Australia, 2017
- Findings Asset Management study Apeldoorn Municipality. Almer de Jong, Diederik Anema, Wil de Ridder, John de Croon (also in German and Dutch)
- The Asset Management Process Reference Model for Infrastructures (AM-PREMI). Ype Wijnia and John de Croon. In: AMADI-ECHEND, J. E. & MATHEW, J. (eds.) 9th World conference on engineering asset management. Pretoria, South Africa: Springer
- Asset management till the end of the world (in Dutch). Book on basis of our columns. Ype Wijnia and John de Croon. U2Pi, 2013
- Designing an asset management guideline for the Dutch wastewater industry. Ype Wijnia and John de Croon. In: LEE, W. B. & MATHEW, J., eds. 7th World Congress on Engineering Asset Management, September 2012 Daejeon, Korea. Springer London
- Asset Management columns on the AssetResolutions website (periodically with Ype Wijnia)
- Application of a unified reference model across asset types: comparative cases. Ype Wijnia, John de Croon and Jayantha P. Liyanage, 6th World conference on engineering asset management, September 2011

- Towards an Asset management reference model: basis for a unified approach. Ype Wijnia, John de Croon and Jayantha P. Liyanage, 6th World conference on engineering asset management, September 2011
- Article on successful pilot project based on asset management at Vattenfall Distribution PAS55, Germany. Vattenfall's internal corporate magazine
- Asset Lifecycle Management offers transparency, Maintenance Management, April 2008
- Article Interview Maintenance Management on asset management, April 2008
- Column in Maintenance Management September 2006
- Column in Maintenance Management May 2006
- PAS55 and asset management standard in Maintenance Magazine, Quarter 2 of 2006
- Standardization in Asset Management - PAS55. Industrial Maintenance, Quarter 2 of 2006
- Book Perfect Asset Lifecycle Management, Capgemini, Utrecht, May 2003. Reissued 2005
- Asset Lifecycle Management for "Public District Board Hollands Noorderkwartier". Kluwer 2005 Total Maintenance
- Mobile service. Kluwer 2005 Total Maintenance
- Optimal value with asset management, Kluwer 2004 Total Maintenance
- Article on practical KPIs for maintenance, Kluwer 2004 Total Maintenance
- Separation of roles in asset management. Kluwer 2004 Total Maintenance
- Asset Lifecycle Management. Europoort Kringen, November 2003
- Reversed risk management. Written with e.g. Ype Wijnia. Energietechniek, Sept. 2003
- Asset Lifecycle Management. NVDO, December 2002. Ditto for Dutch Association of Cost Engineers
- Best choice in maintenance for Combined Heat Power. Energietechniek Nov. 2002 & Bedrijfskunde visie, December 2001
- Maximo implementation at Vodafone. Telecom Magazine, 2000
- Maintenance software tools responding to new developments. Maintenance Magazine, 1999
- Developments in software maintenance and inspection methods, Cigré Paris 1998
- How to create R & D? Energietechniek 1, 1997
- Quality management for engineering projects of high voltage installations, Cepsi, Malaysia, October 1996
- Condition monitoring of high voltage capacitors, Power 1994

Seminar contributions

- Workshop Long Term Asset Planning (LTAP), Asset Management Nederland. Arnhem, October 2017
- Limitations of rational decision making. Asset Management Nederland. Utrecht, May 2016
- Results pilot Asset management at Apeldoorn municipality in co-operation with Almer de Jong (Apeldoorn). BouwRegieNetwerk, January 2016
- Round table leader and sponsor "National Congress Asset Management Public Space", 2015, Arnhem
- Towards an asset management reference model for wastewater. In cooperation with RIONED. 7 February 2013
- Asset management conference: asset management for provinces. Developments in asset management. 6 October 2011
- "Het strategisch belang van denken in risico's", conference Asset Life Cycle Management (IIR), 7 and 8 June 2011, WTC Rotterdam
- Asset management seminar for public district boards, PAS55 experience Rijn & IJssel Water Board, 8 April 2010. Also co-facilitator of asset management simulation game based on PAS55 (bedrijfssimulaties.nl)
- Asset Management best practice workshop oil and gas sector, Juran Institute, Amsterdam, February 2010

- Asset Management and PAS55. Asset management for oil and gas sector, Juran Institute, Amsterdam, February 2009
- Experience with preparing replacement D7i Essent Production, World Class Maintenance Exhibition, Etten Leur, May 2008
- Asset management in the waste sector (PricewaterhouseCoopers), Scheveningen, 2006
- Asset management for the water sector (Kiwa), 2004
- Risk management driven Asset Management. In collaboration with Ype Wijnia. Congress of Industrial Business Conference 'Federation Instrument (FHI), 2003
- How does Perfect Asset Lifecycle Management at achieving plant integrity? SOS Exhibition, Ede, 2002
- Asset Management. Is this new and what does that mean for me? SOS Exhibition, Ede, 2001

Education

- Master of Science in Business – Total Quality Management ("with distinction")
- Bachelor of Science in electrical power engineering
- Strategy Academy Alumnus, Rotterdam
- LearmarFrysk Frisian, Afûk (basic)
- Spanish, LOI (basic)
- Lean training
- Financial management
- Project management
- Change management
- Make impact at senior management levels
- SAP Plant Maintenance and Work Clearance Management training
- Infor EAM version 8.4 training
- QlikView Training (Business Intelligence)
- ISO 9001 Auditing
- Nature Scientific models

Languages

- Dutch
- English
- German
- Frisian (basic reading and understanding)
- Spanish (basic)