

CURRICULUM VITAE JAN DE COCK

Personal details

Name	Jan De Cock
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E-mail	jan.decock@condesco.be
Place of birth	Hamme, June 14, 1967
Civil state	Married, 1 son
Nationality	Belgian



Studies

- **Master of Electrical Engineering**, option electronics (control engineering) *1985–1990*
Catholic University Leuven

Additional studies

- **Master of Business Administration** *1998-2000*
Vlerick Leuven Ghent Management School

Additional certificates

- **Energy expert type A** *2010*
Artesis University College
- **Heat pumps** *2015*
Van Marcke College
- **VCA-VOL** *2015*
Province Antwerp

Working experience

- **Condesco bvba (managing director)** *2011-2022*
 - Electrical lead and package leader for gas turbine, steam turbine and steam boiler for a new Propane Dehydrogenation Unit (PDH) (feasibility - basic engineering - detailed engineering - construction) (current)
 - Project development for the Blue Sky consortium including the development of a new CCGT power station connected to the Fluxys high pressure grid
 - Project development of several other projects, including calculations and project management, for the installation of a windturbine project (4x3 MW, 2x2 MW), cogeneration project (3,3 MW, 7 MW) and biomass unit (25 MW).
 - Development of project specifications for several public procurement projects
 - Project manager on energy projects in industry (development, design, procurement and realisation). These projects comprise amongst others:

- the replacement of fuel fired burners on high pressure boilers towards gas fired burners, including the replacement of balance of plant, the installation of a new gas station (8 bar), gaslines and gas metering
 - the installation of a new high pressure steam boiler and the refurbishment of a high pressure steam network, water network, and water demineralization, including the installation of a new gas station (5 bar), gaslines and buildings
 - analysis and construction of a condensate recuperation grid on an industrial site
 - analysis and refurbishment of heating systems of three industrial buildings with realisation of a new gas grid
 - the development and installation of a ultra-high speed metering systems and databases for electricity, gas, and other utilities, including the development of the related market processes (UMIG, CDS, trading, optimization,).
 - the installation and commissioning of high voltage substations (15 kV, 150 kV)
 - the installation of a stand-alone power generator and transfer systems of critical loads.
 - analysis, procurement and project support for the renewal and expansion of a 26 kV - 6 kV - 400 V industrial grid
 - project management for an installation of emergency generators and transfer of critical loads
 - high voltage and electrical systems project support for the construction of a new 25 MW biomass unit.
 - Consultancy services for different customers on contractual agreements, Closed Distribution Systems, and regulatory issues in relation to their connections and generation assets
 - Consultancy and calculation services for different customers on the development, replacement of utility grids (i.e. steam, water, gas, electricity and other technical gases) and technical solutions
 - Analysis of Power Quality of several industrial grids (including local measurements)
 - Judicial expert (1 case)
 - Development of an IoT energy sensor on the basis of LORA technology
- **Tessenderlo Chemie NV**
 - Business Group Chemicals Energy Procurement
 - Energy contracts and regulations manager (including the CCGT T-Power project) 2007-2010
- **Elia System Operator NV**
 - Transmission System Operator
 - Manager of grid codes, regulated contracts and grid tariffs in Brussels (part of the market mechanisms development department). 2004-2007
 - Developer of the Belpex trilateral market coupling project. 1999-2004
 - Head of asset management of secondary systems (asset management of system control- and protection installations, risk analysis, maintenance and replacement guidelines) in Brussels 1999-2004
- **Electrabel**
 - Transmission (400 kV – 26 kV)
 - Head of the control systems department and engineering office in the transmission centre of the North-West area of Belgium 1993-1999
 - Head of the operations department in the high voltage transmission centre in Ghent 1993
 - Head of the control systems department in the high voltage transmission centre in Ghent 1992-1993

- Generation¹
 - Assistant in the control systems department of the Ruien coal fired power station 1991

Special working experience

- **T-Power** power station (CCGT 422 MW) connected to the high pressure Fluxys grid (*Start-up of the power station December 2010*)
 - Member of the board 2009-2010
 - Project manager (*after Financial Close*) 2009-2010
 - Developer of the T-Power project (*project management/contract development/commercial negotiations/financing (till Financial Close December 2008)*) 2007-2008
- Electricity exchange **Belpex**
 - Developer of the Belpex exchange and Virtual Power Plants
 - Member of the board 2005-2007
- **Cigre** Association of high voltage grids
 - Belgian representative in the international committee of system protection and substation automation 1999-2004

Knowledge of languages

Dutch:	Mother tongue
French:	Second language, refined in working environment
English:	Very good knowledge, refined in working environment
German:	Basic knowledge

¹ After military service: 1990-1991