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Specialties

>30 years of experience in Management & Projects, International Business Development and Partnerships, Strategy, Nuclear, Engineering and Safety, Multi-culturality.

Professional records



Corporate Nuclear Development

Nov 2017 to date	Director Nuclear Segment Department - DOP
May 2013 to 2018	Member of Sinop Steering Committee (Turkey)
Jul 2014 to Oct 2017	Director, Pre-Development and Projects
Jan 2016 to Jun 2017	Board Director at NuGeneration Ltd (UK)
Aug 2011 to Jun 2014	Vice President Strategy, Partnerships & International Associations
Jan 2011 to Apr 2012	Alternate Director at NuGeneration Ltd (UK)
Apr 2010 to Jul 2011	Director Development & Project Support
Oct 2008 to Mar 2010	Senior Business Development Manager



Mid-2006 - Oct 2008	CEO of ITENA sarl - Engineering Company - 70 p (France) & Product Manager – Radwaste and Decommissioning - 30 p (Belgium)
2003 / 2006 to 2009	Belgatom - Member of the Board & Executive Committee
2006	Deputy Manager Business Development Department
2004 - 2006	Customer Segment Manager - Nuclear
2003 - 2005	Head of Marketing & Sales - Nuclear
1995 - 2002	Projects, Accounts and Commercial Manager
1994	Project Engineer (Taiwan)
1990 -1993	Safety Design Engineer

APEFE (Association pour la Promotion de l'Education et de la Formation à l'Etranger)
1988 -1990 **Professor** at the University of Dakar (Senegal)

Educational background

1997 Post-graduate in **Business Management** - S.B.P.A.
1988 Post-graduate in **Applied Research** at von Karman Institute for Fluid Dynamics
1987 **Master of Science in Physics Engineering** – Ecole polytechnique de Bruxelles - ULB

Languages knowledge

✓	French	mother tongue		
		speaking	reading	writing
✓	English	very good	excellent	excellent
✓	Dutch	good	excellent	good
✓	Spanish	fair	good	fair
✓	German	basic	fair	basic

Last years training sessions

- ✓ **Développer son savoir être par le théâtre – Paris** – Didascalies
- ✓ **1 year Personal coaching - Paris**
- ✓ **Learning Expedition** (for Top managers) – **Tokyo** – GDF SUEZ University
- ✓ **Negotiating to create value**, Vlerick Management **Gent**
- ✓ **Interpersonal Effectiveness I & II** – GDF SUEZ University
- ✓ **Health & Safety Management** – SUEZ University
- ✓ **Global Player**, from strategy to action and results – SUEZ University
- ✓ **Finance for non financials** – SUEZ University

Present position



October 2008 to date **ENGIE Corporate Nuclear Development**

November 2017 to date **Director Nuclear Métier Department - DOP**

Leading ENGIE nuclear in terms of Strategy and Stakeholders' management, Business Oversight, support to all ENGIE nuclear entities Business Development, Research & Innovation and know-how, Independent Nuclear Safety Oversight. Developing an integrated Decommissioning offer. Coordinating Partnerships with large nuclear manufacturing groups (MHI, Rosatom, GE).

up to 2018 *Member of SINOP project Steering Committee (Turkey)*

Feb 2016 to date *Member of the Executive Committee of the Belgian Nuclear Society (BNS)*

Jan 2011 to date *Member of FORATOM - European Atomic Forum different Working Groups*

Former positions

Jul 2014 to Oct 2017 **Director, Pre-Development and Projects**

Accountable for the development of Nuclear New Build (NNB) projects of the Group, including prospecting worldwide, managing the development project teams and support the project companies from headquarters.

Main achievements : *Finalize the Host Government Agreement with Turkey and manage the feasibility studies (partners : MHI, ITOCHU, EÜAŞ, technology ATMEA1).*

Director of the Board and providing Operation support to NuGeneration Ltd in the UK (partner: TOSHIBA, technology AP1000). Member of the Technical Committee and Chairman of the Equity raising table.

Aug 2011 – Jun 2014 **Vice President Strategy, Partnerships and Int'l Associations**

Accountable for the nuclear strategic plan of GDF SUEZ. In charge of pre-development for NNB opportunities including setting up partnerships with major international and incumbent partners. Priority countries include Turkey, Brazil, Poland and Saudi Arabia. Coordinator of GDF SUEZ representation in international nuclear associations.

Main achievements : *Support Japan to win the competition against China and South Korea as Business Development Leader for the NNB project in Turkey to build 4 ATMEA1 PWRs on Sinop site. Main contributor to 2030 nuclear strategy for GDF SUEZ proposed in 2012.*

February 2011 to April 2012 **Alternate Director at NuGeneration Ltd (UK)**

April 2010 – July 2011 **Director Nuclear Development and Project Support**

Leading a team of NNB developers from detection of opportunities to operation. This encompassed projects in UK, Romania, Italy and prospective efforts in USA, Brazil, Poland, Chile, Turkey, Saudi Arabia.

October 2008 to March 2010

Senior Business Development Manager

Main achievements : upgrade and apply a Strategic Country analysis tool and contribution to the definition of a world-wide nuclear new build Strategy for GDF SUEZ. Participation to NNB development in Europe, North and South America.

Dec 2006 to Sep 2008

France - Tractebel Engineering (SUEZ)

ITÉNA**CEO of ITENA****Main achievements**

From mid-2006 : take over of the company

In 20 months : from huge deficit to 6% net margin, + 58% in turnover, + 50 % in personnel

Management of ITENA, a 70 people French Engineering company mainly active in the nuclear segment (piping calculations and drawing, outage planning and **radwaste & decommissioning** studies) from Colombes near Paris with local agencies in Rognac, Pierrelatte and Cadarache, South-East of France.

Sept. 2006 to Oct. 2008

Belgium - Tractebel Engineering (SUEZ)


Product Manager in the Nuclear Energy sector**Main achievements**

In two years : + 50% in turnover and personnel

SUEZ Innovation Initiatives Trophies 2008 for "IDEA : an Integrated Set of tools for Sustainable Nuclear Decommissioning Projects".

As **Product Manager – Radwaste and Decommissioning**, in charge of the operational management of a team of 30 engineers, marketing and welfare of B2B services delivery. Main objectives are to defend our Key Belgium position and actively developing on the French nuclear market through partnerships and/or acquisition.

Key responsibility at department level: coordination of the development in France including synergies with SUEZ Energy Services entities.

Jan. to July 2006

Belgium - Tractebel Engineering (SUEZ) – 2400 employees

Deputy Manager Business Development Dept (new function)

Main achievement : Development of the company 25 Key Account Management Program.

As **Deputy Manager Business Development**, assist the Executive Vice President and participate to Tractebel Engineering Executive Committee. In charge of **Customer Segments Operational Management** : stimulating the development of profitable business with existing and new clients in **Power, Nuclear, Infrastructure and Gas & Industry** customer segments, both in close and international markets.

May 2004 to July 2006

Belgium - Tractebel Engineering (SUEZ) – 2500 employees

Customer Segment Manager - Nuclear (new function)

Main achievement : Development of an exhaustive business plan for the nuclear market.

Main responsibilities were to :

- ✓ define strategy at company level, develop and apply nuclear segment vision
- ✓ define the medium term sales objectives for the segment,
- ✓ organize business intelligence, sharing & cross-selling,
- ✓ setup strategic partnerships,
- ✓ define segment communication policy.

Jan.2004 - Sept. 2005 Belgium - Tractebel Engineering (SUEZ)

Head of Marketing & Sales – Nuclear (new function)

Main achievement : Reengineering of the commercial organization of the Nuclear Department.

As **Head of Marketing & Sales** of nuclear department (250 people), my responsibilities were to:

- ✓ re-engineer and animate a new department commercial organization,
- ✓ assess tenders, define and follow-up the sales policy, tools and methods,
- ✓ write-up and update of the Business Plan,
- ✓ coordinate reporting, business development and communication actions,
- ✓ manage the interface with local subsidiaries and with SUEZ companies,
- ✓ coach and organize the Marketing & Sales training of 8 Products teams.

1999 - 2003

Belgium - Tractebel Engineering (SUEZ)

Marketing Manager & Account Manager (new function)

As **Marketing Manager**, in charge of strategic planning, external and internal communication.

- ✓ commercial and project management,
- ✓ relationship with local subsidiaries and group companies,
- ✓ acquisition planning of an US engineering company.

As **Account Manager**, in charge of the entire value chain (business development, tendering, project management) for various Western Europe, America, Africa and Asia Clients. In charge of **marketing support** to all Product Managers. Development of **strategic planning** methodology (1996, 1997). Coordination of the 5-years strategic plan (1998, 1999).

1995 - 1998

Belgium - Tractebel Energy Engineering

Projects and Commercial Manager

Projects Manager for 10 to 15 multidisciplinary studies and procurement projects.

As **Commercial Manager**, manage international partnerships, lead monodisciplinary projects in various fields, tenders (technical and commercial content, financial risks evaluation, human resources management) for international nuclear clients.

1994

Taiwan - Tractebel Energy Engineering

Project Engineer

In the framework of the Lungmen Nuclear Power Plants project bids evaluation, simulator evaluation, coordination of the nuclear island evaluators, and development of appropriate tenders evaluation methodologies.

1990-1993

Belgium - Tractebel Energy Engineering

Design Engineer

- ✓ development of nuclear power plants **safety analysis** report methodologies,
- ✓ co-ordination of the **simulators** validation team,
- ✓ **teaching** and development of educational tools on thermal hydraulics phenomena,
- ✓ in charge of the maintenance and security of the computers network.

1988-1990

Senegal - University of Dakar - **Professor**

APEFE (Ass. pour la Promotion de l'Education et de la Formation à l'Etranger) : **Professor** of Technical Thermodynamics, Fluid Mechanics and Computing at the University of Dakar-Senegal.

Significative conference positions, publications and speeches

- ✓ "Key Lessons Learned on Engineer of Choice's Partnership with Nuclear Owners for New Build and Plant Operation Support Programs" by R. Berdal and Y. Crommelynck, presented at International Nuclear Atlantic Conference (INAC2019), Santos, **Brazil**, 2019.
- ✓ "Experience feedback from recent Nuclear New Build Projects - How to manage the risks ?" presented at International Nuclear Atlantic Conference (INAC2015), São Paulo, **Brazil**, 2015.
- ✓ "Key criteria for a nuclear utility to consider nuclear new build based on real cases", presented at Platts 9th Annual European Nuclear Power Conference, Budapest, **Hungary**, 2014.
- ✓ "Main prerequisites when considering an investment in nuclear new build", presented at International Nuclear Atlantic Conference (INAC2013), Recife, **Brazil**, 2013.
- ✓ Member of the Advisory Board of Asia Nuclear Business Platform 2013 and 2014, **Hong Kong**
- ✓ "Nuclear Power in Europe 2012" by Dr. Luc H. Geraets and Yves A. Crommelynck, to be published in **ASME Journal of Pressure Vessel Technology** in December 2012.
- ✓ "International IPP view on main prerequisite issues when considering an investment in nuclear new build" at 3rd Nuclear Construction Conference, MENA, Dubaï, **United Arab Emirates**, 2012 and at XIV CBE Congresso Brasileiro de Energia, Rio de Janeiro, RJ, **Brazil**, 2012.
- ✓ "Nuclear Safety Fleet Approach, in the wake of Fukushima" presented at a round at III International workshop ENUMAS 2012 - Perspectives on Nuclear Activities in **Brazil**, Campinas, SP, Brazil, 2012.
- ✓ Speaker at round table "International cooperation for the growth of nuclear power" at Platts 8th Annual Nuclear Energy conference, Bethesda, Maryland, **USA**, 2012.
- ✓ "GDF SUEZ landscape for nuclear investment", presented at round table "Advanced reactors and perspectives of nuclear energy in Brazil and in the world", International Nuclear Atlantic Conference (INAC2011), Belo Horizonte, MG, **Brazil**, 2011.
- ✓ "Nuclear New Build risks and mitigation - an investor Utility perspective" presented Nuclear Power – Middle East & North Africa 2010, Vienna, **Austria**, 2010 – also acted as chairman of a session.
- ✓ "GDF SUEZ current position, vision and perspective in nuclear energy" presented at Energy Summit 2010, Rio de Janeiro, RJ, **Brazil**, 2010.
- ✓ "GDF SUEZ current position, vision and perspective in nuclear energy" presented at Platts 5th Annual European Nuclear Power, London, **United Kingdom**, 2010.
- ✓ "Worldwide Nuclear Revival and Acceptance" by Dr. Luc H. Geraets and Yves A. Crommelynck - VGB Congress Power Plants 2009, Lyon, France. Published in "**VGB PowerTech**" 12/2009 and "**International Journal for Nuclear power**" (atw) January 2010.
- ✓ "**The nuclear fuel cycle from mining to waste management**", lecture to Inter-American Development Bank – Washington, **USA**, 2008
- ✓ "**Interim Storage of Spent Fuel in Belgium**" by Michel De Valkeneer and Yves Crommelynck presented at Belgian Nuclear Forum Suppliers Seminar, ENC '98, Nice, **France**, 1998.
- ✓ "Iberdrola and Belgatom common approach to licensing FSAR transients for power upratings of NPPs" by D. Molina (Iberdrola), L. Cerezo, P.G. Sedano (Iberinco), Y. Crommelynck, L. Vanhoenacker, J. Zhang (Tractebel) presented at Top Safe '98 Conference, Valencia, **Spain**, 1998.
- ✓ "Licensing FSAR transients with a best estimate code: the Belgatom approach" by Y. Crommelynck and L. Vanhoenacker presented at 2nd Reg. Meeting Nuclear Energy in Central Europe Portoroz, **Slovenia**, 1995.
- ✓ "ISO 9001 and RELAP5 at Tractebel" by Y. Crommelynck and L. Vanhoenacker presented at OECD Experts' Group on Thermal-hydraulics in Paris, **France**, 1995.
- ✓ "Validation of the Tihange 2 multifunctional optimised scope simulator thermal-hydraulic models" by L. Vanhoenacker, Y. Crommelynck, J. Houard, Ch. De Wergifosse, R.J. Espinosa presented at 95 SMC Simulation Multi Conference, Phoenix, Arizona, **USA**, 1995.
- ✓ "Comparison of Best Estimate Methods for Judging Design Margins of AWCs" by M. Callaert, Y. Crommelynck, P. De Schutter, E. Stubbe, L. Vanhoenacker presented at IAEA Technical Committee Meeting, Lyon, **France**, 1994.
- ✓ "Simulation of the behaviour of a typical PWR Steam Generator by means of the RELAP5/MOD3 Nuclear Plant Analyzer" by Y. Crommelynck, E. Stubbe, L. Vanhoenacker presented at European two-phase flow group meeting, Hannover, **Germany**, 1993.
- ✓ "Essais en soufflerie de microclimat et de recyclage des gaz dans les bâtiments du Secrétariat Général de Conseil des Communautés Européennes" by D. Olivari, M.L. Riethmuller, D. Van Mol, Y. Crommelynck - CR 1988/EA **von Karman Institute for Fluid Dynamics**, 1988.
- ✓ "Optimisation de la production de l'image photographique dans un procédé de mesure optique par déplacement des images des particules pour la mesure de champs de vitesses d'écoulement fluides" by Y. Crommelynck - **von Karman Inst. for Fluid Dynamics**, 1987.

