

Philippe Vandebroeck
Systems Thinker and
Scenario Planner



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Belgian, born 1 September 1965
Married, two children

Education

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|------|---|
| 2011 | Master of Human Settlements, KULeuven, Architecture, Urbanism and Spatial Planning |
| 1997 | Master in Philosophy (GAS Wijsbegeerte), KULeuven |
| 1987 | Master in Agricultural Engineering (Landbouwir.), KULeuven
Major: Engineering; Minor: Agricultural Economics |

Professional Experience Record

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|-------------------------------|---|
| March 1995 – | <i>shiftN cvba - Partner</i>
Research, training, project management and facilitation work in a wide variety of sectors and settings. Focus on strategic futures work, systems thinking, innovation projects and design of learning experiences. |
| October 1995 – October 1996 | <i>De Vlerick School for Management – Ghent</i>
<i>Assistant Business Strategy Department</i>
Development and teaching of course material on scenario planning and competence-based strategy in post-experience curricula |
| March 1991 – October 1995 | <i>Shell Research & Technology Centre Louvain-la-Neuve</i>
<i>Research Scientist</i>
Applied research and technical service for epoxy resin and flexible polyurethane products – in-house statistical consultancy (experimental design, multivariate statistics, chemometrics, exploratory data analysis) |
| November 1989 – February 1991 | <i>Laboratory for Agricultural Buildings Science – Katholieke Universiteit Leuven</i>
<i>Research Assistant</i>
Research into mathematical modeling and control of airflow – via system identification techniques – in mechanically ventilated spaces |

Recent Career Highlights

Member of Advisory Group (2014-15)	Future of Healthy Project, World Economic Forum
Project Lead (2014)	Development of future scenarios for residential housing in Flanders in 2035 (Interuniversity Research Network on Transition Studies, Flanders)
Project Co-Lead (2014)	Development of an analysis framework to identify the transition potential of mid-sized European cities in the area of sustainable mobility (Flemish Environment Agency)
Project Leader (2014-14)	Development of a qualitative systems model of 'environmental quality of life' (Flemish Government) + meshing with contextual scenarios
Project Leader (2013-14)	Development of a qualitative systems model of community resilience (JPB Foundation)
Project Leader (2012)	Revamping of the strategy of a cross-sectoral incubator network in the domain of sustainable materials management (Plan C)
Project Leader (2012)	Development of a policy scenario for the reform of the Belgian national children and adolescent mental health system
Member of core team (2010-2011)	Development of a Sustainable Innovation System Toolkit, for use by designers and design managers, commissioned by Flemish Waste Management Authority (OVAM)
Lecturer (2010-2011)	Scenario planning driven urban design studios in Stockholm (Mejan Arc, KKH) and BNCA, Pune University (India)
Project Leader (2010)	Systems mapping of drivers of sports participation (US and UK), sponsored by Nike Sustainable Business and Innovation Lab
Project Leader (2010)	Methodological support to Plan C, a Sustainable Materials Management Transition Network, sponsored by Flemish Waste Management Authority
Project Co-Lead (2010)	Development of a safety learning game for global leading steel and mining company ArcelorMittal (game won PaperJam Award Luxemburg, 2010).
Project Leader (2010)	Soft systems analysis and organisational blueprinting of a new research group on ecosystem services (institute for Nature and Forest Research, Flemish Government)
Project Leader (2010)	Systems analysis of friction points in Belgian Mental Health Care System, funded by King Baudouin Foundation
Project leader & facilitator (2009-2010)	Futures-oriented Whitebook on Agricultural Research, funded by Flemish Government

- Project leader & facilitator (2009-2010) Comprehensive systems analysis of the UK land use system in the framework of Foresight UK's 'Land Use Futures' project.
- Project Co-Lead (2009) Development of an account management learning game for a leading Belgian retail bank Dexia (game won Learning and Development Achievement of the Year Award, 2010).
- Lead facilitator (2009) International conference on the 'Future of Iran as a regional power', organised by Canadian Security Intelligence Services (CSIS)
- Project Leader (2008-2011) Substantive support in systems modelling to GFF Community of Interest on Organised Crime.

Generic Skills

Generalist experience in a wide range of sectors and technologies
Conceptualisation, teaching, facilitation, audit, research and reporting,
systems modeling, statistical analysis and visualisation of data

Language Skills

Dutch	Mother tongue
French	Good
English	Excellent
German	Good
Italian	Basic notions

Other interests

Music	Active scholarly interest in 20 th century classical music
Mountaineering	Climbed and hiked in Alps, Karakoram and Arctic regions
Photography	Fine art photographer. Several exhibitions and publications.
History of ideas	Active scholarly interest in various philosophical themes such as urbanism, general systems theory and theory of design

