

## PROFESSIONAL EXPERIENCE

Feb 2011 – Ongoing	<b>Project manager developing a 2050 low-carbon and renewable energy roadmap for the Walloon Region</b> , in collaboration with the European Climate Foundation and Climact	Belgium
Jun 2010 – Dec 2010	<b>Member of the 2050 Energy Roadmap team, DG Energy</b> at the European Commission, detached from the European Climate Foundation (ECF)	Belgium
Jan 2005 – March 2010	<b>Project Leader at McKinsey</b> , focus on Energy and Climate Change issues Key projects in the last 3 years: 1. <b>“Roadmap 2050: towards a prosperous, zero-carbon Europe”</b> – Analysis of the feasibility and cost of 80% GHG reduction by 2050, focus on power sector (9 months) Full report on <a href="http://www.roadmap2050.eu">http://www.roadmap2050.eu</a> 2. <b>Improving the performance of an electricity distribution company</b> – Assessing the key development areas of a state-owned distribution company (2 months) 3. <b>“Shaping climate resilient development”</b> – Analyzing the economics of adaptation to climate change in Mali, focus on crops and livestock (3 months) 4. <b>“Pathways to a low-carbon economy: Version 2 of the Global Greenhouse Gas Abatement Cost Curve”</b> (11 months) – Economic evaluation of abatement measures Reports for 3 & 4 on <a href="http://www.mckinsey.com/client-service/ccsi/thinking.asp">http://www.mckinsey.com/client-service/ccsi/thinking.asp</a> 5. <b>Assessing business opportunities in the second generation of biofuels</b> for a leading agro-chemical company (3 months) 6. <b>Defining the investment strategy in the field of energy</b> for a new Spanish industrial player, describing potential scenarios, designing a coherent entry strategy, and preparing the implementation of the entry strategy (5 months)	Europe and Africa
Aug 2004 – Dec 2004	<b>Engineer</b> at Engineers for a Sustainable World: project on decentralized energy production and business development for local farmers in hilly terrain, Oaxaca	Mexico
2002 – 2003	<b>Teaching assistant</b> in fluid dynamics, Université Catholique de Louvain	Belgium

## EDUCATION

2003 – 2004	Cornell University, Masters in Engineering Management (Energy focus) <b>Fellowship</b> by the BAEF (Belgian American Educational Foundation) Forthcoming article (International Journal of Sustainable Transportation): <i>A Global Assessment of Hydrogen for Future Automotive Transportation: Projected Energy Requirements and CO2 Emissions</i>	USA
1998 – 2003	Université Catholique de Louvain, Masters in Electromechanical Engineering (Energy) Completed <b>“magna cum laude”</b> . Master thesis on modeling fluid dynamics in the Great Barrier Reef, Australia. Environmental applications	Belgium
2001 – 2002	Universitat Politecnica de Catalunya, <b>Erasmus</b> program, Barcelona	Spain
1995 – 1997	Red Cross Nordic United World College, International College <b>Scholarship</b> : selection based on personal merit, International Baccalaureate	Norway
1990 – 1991	Abdijschool, <b>Dutch</b> language boarding school, Dendermonde	Belgium

## ADDITIONAL LEADERSHIP EXPERIENCE

Summers 2001 – 2002	<b>Trip Leader</b> in a multilingual environment (English and Spanish) for Venture Europe – adventure travelling in Europe	Switzerland and Spain
1998 – 1999	<b>Scout leader</b> (participant from 1985 till 1996)	Belgium
Aug 1997 – May 1998	<b>Volunteer</b> at Mexican NGO Centeótl, working with community development, micro-credit and micro-energy solutions in indigenous communities of Oaxaca	Mexico

## LANGUAGES

**FRENCH** – Native fluency ■ **ENGLISH** – Fluent ■ **SPANISH** – Fluent ■ **DUTCH** – very good ■ **NORWEGIAN** – Basic