



Sébastien Raoux
President & CEO, Transcarbon International
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Sébastien Raoux is a climate change and sustainable development expert who has been distinguished for his substantial contribution to the work of the United Nations Intergovernmental Panel on Climate Change (IPCC), which received the 2007 Nobel Peace Prize along with former Vice President Al Gore "for their efforts to build up and disseminate greater knowledge about man-made climate change, and to lay the foundations for the measures that are needed to counteract such change."¹ He is a co-author of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the electronics industry, the inventor of 22 patents, and the author of 30 articles in technical journals.



Sébastien's areas of expertise include climate change, green technologies, carbon footprint valuation and reporting, greenhouse gas emissions management and emission trading methodologies, environmental impact assessments, life cycle analysis (LCA), environmental management systems and audits, and design for sustainability, as well as environmental law and policy. Additionally, he has delivered over 100 speeches at international conferences and given lectures at numerous prestigious universities, including the University of California, Berkeley, Stanford University, Columbia University, the Presidio Graduate School of Management, and the universities of Orléans and Bordeaux.

A recognized innovator in environmental technologies and in the elaboration of new methodologies for Clean Development Mechanisms (CDMs), Sébastien is experienced in strategic development and management of multi-million dollar projects, having demonstrated solid leadership and mentoring skills. He provides technical consultancy and regulatory compliance services to Fortune 500 corporations, small businesses, industry associations, and the public sector, as well as advice to governments on their environmental policies and opportunities to improve the quality of living of present and future generations.

Prior to founding Transcarbon International—an independent consulting firm assisting the private sector, the public sector, the voluntary sector and civil society organizations in implementing sustainable development practices—, Sébastien was the Director of Technology for Ecosys, a Division of Applied Materials and a leading provider of environmental abatement systems and services to the electronics industry. On behalf of Applied Materials and in recognition of his personal involvement in the development of the Remote CleanTM technology, he had the honor of receiving a Research and Development (R&D) 100 Award and the Climate Protection Award from the Environmental Protection Agency of the United States (US EPA) for environmental leadership in the semiconductor industry. He has served as a member of the Executive Technical Committee on Environmental Health and Safety for Semiconductor Equipment and Materials International (SEMI) and as Secretary of the Division on Technology for Sustainability of the American Vacuum Society (AVS). Before developing his career as a Distinguished Member of Technical Staff at Applied Materials, Sébastien was a postdoctoral fellow at the Lawrence Berkeley National Laboratory having obtained a competitive grant from the Government of France.

Sébastien Raoux earned a Ph.D. in Physics from the University of Bordeaux (France), and a Juris Doctor degree from the Santa Clara University School of Law (California, United States). He is a member of the California Bar Association.

A dual national of France and the United States, he is a French native speaker, also fluent in English, and has a basic knowledge of German and Spanish.

¹ *The Nobel Peace Prize 2007*, http://www.nobelprize.org/nobel_prizes/peace/laureates/2007/