

## The Honorable Robert G. Card, P.E.

Bob is the President of TCG -The Card Group, LLC an advisory service for boards, executive management. He is also a member of the Board of Directors for AMEC Foster Wheeler.

Previously, he was President, CEO and Board Director of SNC-Lavalin, Canada's premier engineering, construction and project development firm, and one of the world's largest, with 40,000 employees and \$9.5 billion CAD in revenue. The firm operated in nearly 100 countries through its major business units including Mining, Power, Oil & Gas, and Infrastructure. It provided full life cycle services from consulting through project finance, engineering, procurement, construction and operations & maintenance. The firm owned interests in many infrastructure, power and mining assets including 100% ownership AltaLink, one of Canada's largest private power utilities and partial ownership in Highway 407 ETR through Toronto. In a prior role, Bob also managed an oil & gas project for Suncor that received the Schreyer Award which is Canada's top engineering achievement award.



Prior to SNC-Lavalin, he was as President of the 14,000 employee, \$3.5 billion Energy, Water & Facilities Division of CH2MHILL. This division contained Energy & Chemicals, Mining, Power, Water, Operations & Maintenance and Industrial Facilities. He was also a long time Board Director for the 30,000 employee, \$7 billion firm. Over the course of his career, he lead in succession each of the firm's other divisions containing the businesses of Transportation, Nuclear, Environmental, Government and International. He also served as the lead consortia partner in CLM, the Delivery Partner for the highly successful \$15 billion London 2012 Olympics program and as its deputy program manager – he was based in London from 2006 through 2009.

Bob was the number three ranking executive in the US Department of Energy as the Under Secretary of Energy from 2001 to 2004. In that role, he was responsible for the DOE business lines of Energy, Science and Environment, which included a \$14 billion annual budget and 65,000 federal and contractor employees. His responsibilities included nuclear, fossil and renewable energy, energy efficiency, nuclear fuel cycle and waste management, the strategic petroleum reserve, power transmission, climate change, DOE's Human Genome project and genomic research, and the network of DOE research laboratories as the nation's largest funder of physical sciences. He was also responsible for DOE's safety and environment regulations and function and its environmental remediation and legacy sites program. He also co-chaired of the Administration's Interagency Climate Change Task Force

Prior to his Senate-confirmed, Presidential appointment at Energy, Bob was the CEO of Kaiser-Hill where he managed the \$7 billion decommissioning of the Rocky Flats Nuclear Weapons Plant in Colorado. According to government audits, this program was completed over 50 years ahead of schedule and \$30 billion under budget. This is believed to be the largest cost and schedule savings in US history.

Bob has testified numerous times before the US Congress, has been a frequent public speaker on sustainability, ethics, sports, energy, water, environment, and technology topics and has been honored with numerous awards including the Energy Secretary's Gold Award.

His academic credentials include the Program for Management Development at Harvard Business School, Masters in Environmental Engineering from Stanford University and Bachelors in Civil Engineering from the University of Washington.

Previously, he was on the Board of Governors for the World Economic Forum Infrastructure and Urban Development Group, a member of the Canadian Council of Chief Executives and also previously served as a Senior Advisor to CSIS (the Center for Strategic and International Studies) and a non-resident Senior Fellow at the Brookings Institution.