

ALBERT BICOL
P. ENG., LEED AP
Principal



Alberto Bicol Consulting Inc.
Vancouver, BC
Albert.Bicol@AlbertoBConsulting.com
M 778.998.9651

Years of Experience

24 Years

Areas of Specialization

- ♦ Net-Zero Design
- ♦ High Performance Buildings
- ♦ Sustainability Master Planning
- ♦ Passive Building/Site Design
- ♦ Sustainability/LEED Strategies
- ♦ Innovative/Creative Brainstorming
- ♦ Integrated Design
- ♦ Presentations/Business Development

Education

Albert graduated from University of Manitoba with a Bachelor degree in Science (Mech. Eng.)

PROFESSIONAL BACKGROUND

Albert brings innovation and creativity to his projects; he also conveys his ideas with passion and clarity. Albert champions the use of sustainable solutions in all his projects and has extensive expertise in Sustainable Master Planning (SMP), High Performance and Net-Zero (NZ) Buildings including district/renewable energy analysis, passive building design, modeling building energy usage, thermal comfort and indoor air quality conditions. He has a wide range of experience in Canada, USA, and Asia including the SMP for several communities, resorts and university campuses, and consulting services for mixed-used developments in North America and Asia. Albert brings not only technical expertise but recognizes the importance of business case and value analysis.

As a LEED® Accredited Professional, Albert has performed reviews for the USGBC and CaGBC on projects applying for LEED certification. He previously sat on the City of Vancouver Urban Design Panel – only the second mechanical engineer to serve in this capacity. In addition, Albert has been invited to deliver over 200 presentations and has been a keynote speaker on sustainable building design, SMP and the “NZ” approach in Canada, the US, and Asia and has volunteered to educate elementary school children on climate change. He was one of the first people who presented on NZ Building design at the Greenbuild Conference in 2006. Albert was named as one of Building, Design and Construction’s 2007 ‘Top 40 Under 40’.

Before forming Alberto Bicol Consulting Inc., Albert was a partner at Cobalt Engineering/Integral Group for 9 years. Albert spearheaded Cobalt’s leading edge sustainable projects including several NZ buildings and resort/campus/community plans.

SAMPLE KEY PROJECTS

Sustainability Consulting, Master Planning (SMP) and Energy Master Planning: Busuanga Island Resort NZ Scheme (Philippines), Mandani Bay (Cebu, Philippines), Al Ain Wildlife Park and Resort (Al Ain, UAE) H2O Hotel (Makati, Philippines), Shangri-La (various SE Asia), Vail Ski Resort (Vail, CO), Ayala Center SMP (Makati, Philippines), Mind Museum (The Fort, Philippines), Nuvali SMP (Laguna, Philippines), City of Vancouver Passive Design Guidelines, 2010 Vancouver Olympic Village, College of the Desert Integrated Sustainability Plan (Palm Springs, CA), Edmonton Airport Lands Redevelopment SMP, University of Victoria Energy Master Plan, Vancouver Island University SMP

Net-Zero and High Performance Buildings: City of Vancouver Seniors Housing Unit – NZ (2010 Vancouver Olympic Village), Simon Fraser University Daycare – Living Building, Walmart NZ Store Concept (Vancouver, BC), Cherokee Studios – CNN Top 10 Sustainable Buildings (Los Angeles, CA), University of British Columbia Fipke Lab Building – 5 Green Globes, LEED Platinum equivalent (Kelowna, BC), University of Washington Savery Hall – High Performance heritage retrofit (Seattle, WA), Langara Library – Holcim Award for North America

SAMPLE PRESENTATIONS

September 2015 Inaugural Green Urbanism Forum (Beijing, China), April 2015 Green Real Estate Conference (Toronto, Canada), December 2014 Construct Canada Conference (Toronto, Canada), November 2011 American Chamber of Commerce (Seoul, Korea), December 2011 Construct Canada (Toronto, ON), January 2010 Manila Sustainability Conference, June 2010 Shanghai Expo, October 2008 Singapore Institute of Management Singapore, September 2007 World Green Building Council conference (Mexico City), Several SCUP conference, Several Greenbuild conferences, Several Sustainabuild and Buildex conferences, Several AURP conferences, Several University Keynotes