

## **Ross Elliott, CEA, CPHC, LEED AP**

Mr. Elliott was licensed as an Energy Auditor in Maine in 1980, and licensed as a Carpenter in 1983. He spent two decades as a builder and renovator of energy-efficient, earth-friendly homes, including some of Canada's earliest R-2000 houses.

Mr. Elliott is a Certified Energy Advisor (CEA) for ENERGY STAR, EnerGuide, R-2000 and Zero Energy Homes, and since he certified the first ENERGY STAR home in Canada in 2005, more than 20,000 new and existing homes have been labeled and quality assured through Homesol under his direction.

Mr. Elliott was the recipient of EnerQuality Evaluator of the Year award in 2007 and again in 2011 in recognition of excellence in professional practice and exceptional service to builders, and the EnerQuality Hall of Fame award in 2014 for lifetime achievement in making a lasting impact on energy efficiency and green building.

In addition to Mr. Elliott's 17 years of experience as a CEA, he is also a LEED for Homes and Mid-Rise Quality Assurance Designate and Green Rater, an EnerGuide Rating Service Quality Assurance Specialist, a Certified Passive House Consultant (Germany & US), a LEED-Accredited Professional (Building Design & Construction), a PHIUS+ HERS Rater, PHIUS Certified Builder, and a qualified Residential Air Systems & Radiant Hydronic Design Technician (RASDT / RHDT) with an Ontario BCIN Designer designation.

Mr. Elliott is a Founding Member of Passive Buildings Canada, the Canadian Residential Energy Services Network and the Global Passive Buildings Council. He is currently a Director of the Ontario Natural Building Coalition and is a past Director of EnerQuality Corporation (2005 - 2011). He is an active member of the Canadian Homebuilders Association, and is on their Net-Zero Homes technical committee.

Mr. Elliott has provided research and training for Canada Mortgage and Housing Corporation, Natural Resources Canada, National Research Council, M'Chigeeng First Nation and Ontario First Nations Technical Services, and has presented at events including both North American Passive House Conferences, Affordable Comfort, Spring Training Camp and GreenBuild. He studied Science at Concordia University.

Mr. Elliott and his wife recently renovated their 1930 farmhouse into an award-winning (EnerQuality Green Renovation Project of the Year 2016) LEED Gold, EnerGuide 90, R-2000, GreenHouse Certified home that is on the path to net-zero, and which uses 1/4 of the heating and cooling energy of a new home built to the Ontario Building Code. Soon a 10kW PV array will provide more energy than the house needs each year, with the excess charging their electric car. Their permaculture-based 5 acre homestead includes a 300-tap maple bush, organic gardens and fruit trees. He has also built a 1,000 SF strawbale guest studio and a unique 2,000 SF soap-bubble insulated and shaded greenhouse.