

# Homesol – residential energy design specialists for sustainable green building

*Building a healthy, comfortable, more resource-efficient home or small commercial building makes a world of difference – Homesol Building Solutions helps builders do it, and prove it*

Buyers are ready to invest in quality green homes that have lower impact on the planet and cost less to operate each day. Driven by a passionate commitment to green building and sustainable living, Homesol is a “LEED-ing” provider of consulting, testing, labeling and third-party verification services for contractors, designers, homeowners and government agencies. From Passive House, to ENERGY STAR® for New Homes to LEED and all points in between, new green building standards for healthier, resource-efficient homes are the way of the future.

Homesol Building Solutions provides accurate, cost-effective residential energy design services throughout Ontario and across

North America, so builders can count on Homesol’s extensive knowledge as residential energy design specialists for their green building projects. Over its 13-year history, Homesol’s team has delivered 10,000 certified energy evaluations including the first Passive House residence certification in Canada in 2011, and the first LEED Platinum certification for a multi-unit residence in the Province of Ontario in 2010.

Working with homeowners and over 35 large developers, including Monarch, Urbandale, Metric, RND and Braebury, Homesol provides the following services:

- Certified Passive House Design
- LEED Canada for Homes
- ENERGY STAR® for New Homes
- GreenHouse Certified Construction

## Fast Facts

### Corporate profile

Since 1999, Homesol Building Solutions has provided energy design, consulting, testing, labeling and verification services for contractors, renovators, homeowners, and government agencies. Homesol’s team has delivered over 10,000 certified energy evaluations and inspires contractors, designers and home-owners to create some of the most energy-efficient homes in the world.

### Why Ottawa

Ottawa residents have strong civic pride for the city’s indoor spaces and are enthusiastic proponents of green buildings. With its sub-zero winters and hot, dry summers, energy efficient buildings not only save residents money on heating and air conditioning costs, but are also kind to Ottawa’s environment.

### Business advantage

Homesol’s past awards include an *EnerQuality Award of Excellence* as 2011 Evaluator of the Year, and an *Ottawa Construction News Readers’ Choice Award* for Outstanding Commitment to Sustainable Development. The company is a visionary, full-service business that earns its clients’ continuous loyalty and respect through a dedicated network of trained consultants and technicians.

- R-2000 Certification
- Air Barrier Commissioning
- Infrared Thermography
- Energy Modeling & Design Services
- Air and Hydronic Systems Design

## Why Ottawa

Homesol Building Solutions is a proud member of Ottawa's clean technology community. Ottawa ranks number three in the Mercer Eco-City Ranking 2010 of the top 50 global cities. The survey includes the following criteria: water availability, water potability, waste removal, sewage, air pollution and traffic congestion.

Ottawa residents have strong civic pride for the city's indoor spaces and are enthusiastic proponents of green buildings. With its sub-zero winters and hot, dry summers, energy efficient buildings not only save residents money on heating and air conditioning costs, but are also kind to Ottawa's environment. Homesol does its part to make sure that Ottawa remains a green capital city, with zero smog days, and pristine outdoor as well as indoor spaces.

## Business advantage

Homesol works with the biggest and brightest energy stars. Its past awards include an *EnerQuality Award of Excellence* as 2011 Evaluator of the Year, and an *Ottawa Construction News Readers' Choice Award* for Outstanding Commitment to Sustainable Development. Homesol is a visionary, full-service consulting business that earns its clients' loyalty and respect through a dedicated crew of trained sustainable buildings specialists and certified energy evaluators – reliable associates that clients can

count on. Homesol's residential energy design specialists take a personal interest in the success of each project, and together they have the in-house capacity to deliver the consulting, testing and labeling certifications needed to sell greener homes, from singles to mid-rise.

## Future growth plans

In addition to its green building consulting services for the new homes market, Homesol Building Solutions continues to be on the leading edge of sustainable building consulting and design with Passive House, a building performance standard that results in about a 90 per cent reduction in heating and cooling energy compared to a standard-built new home. In 2011, Homesol certified Canada's first ever Passive House, in Ottawa, proving that the city's designation as the fourth coldest capital city in the world does not prevent home builders from reaching the highest standards in energy efficiency.

Homesol's founder and President Ross Elliott also practices what he preaches. He is currently building his own net-zero, targeted for LEED Platinum building in the Ottawa Valley, called the LivelyUp Sustainable Buildings Training Centre. In 2012, builders from across Canada can come to the Centre to learn how to maximize energy efficiency and comfort with state-of-the-art products and building methods.

In addition to the LivelyUp Centre, Elliott has built a straw-bale design studio, and a unique bubble greenhouse on his two-acre sustainable rural living demonstration project/training centre in McDonalds Corners, Ontario – outside Ottawa.

## Contact information

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Go to [www.investottawa.ca/successes](http://www.investottawa.ca/successes) for more Ottawa success stories



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