

Over the past 10 years, a number of ‘living city laboratories’ and field test facilities have been constructed at the **Toronto and Region Conservation Authority (TRCA)** in Ontario Canada to help advance new concepts in green infrastructure and building design, and provide a controlled environment for the evaluation of innovative products and practices.

The living labs are equipped with state-of-the-art monitoring instruments and most are integrated into a central data acquisition and storage network that allows for real-time performance display and enables project partners to have instant access to data.

Experienced staff work closely with academia and industry partners to design and operate the labs, conduct independent third-party product evaluations and provide logistical services tailored to client needs.

TRCA also conducts its own studies at these sites and communicates results and provides best practices guidance to industry and government.

The following living labs are currently operating at the **Sustainable Technologies Evaluation Program (STEP)** at **TRCA**:

- Photovoltaics
- Wind Turbines
- Green Buildings (Archetype Sustainable Houses)
- Permeable Pavements
- Bioretention
- Infiltration Trenches
- Off Grid Learning Centre
- Soil Test Plots.

For more information, contact:  
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LCC recently joined the VerifiGlobal Alliance and will soon be completing VerifiGlobal Peer Assessment to ensure conformity with the requirements of ISO 17020 when providing verification services in accordance with ISO 14034

