

Infrastructure Canada | Smart Cities Challenge

Oxford County, Blandford-Blenheim, East Zorra-Tavistock, Ingersoll, Norwich, South-West Oxford, Tillsonburg, Woodstock, Zorra

<p>Question 10</p> <p>Describe the partners that are or will be involved in your proposal. Where partners are not yet determined, describe the process for selecting them.</p> <p>This section should include:</p> <ul style="list-style-type: none">• A description of existing partners (what type of organization, what they do, etc.), their relevance, and expected contribution to the outcome (or outcomes).• Where partners are not yet determined or where it is anticipated that additional partners are required, describe the process for selecting them.	<p>The Oxford Municipal Partners</p> <p>Oxford is comprised of nine local government entities, the County of Oxford and eight vibrant local municipalities. Growing Strongertogether, defines us. All municipal governments endorsed the Future Oxford Community Sustainability Plan and all are engaged in this Smart Cities proposal.</p> <p>Future Oxford Partnership: (www.FutureOxford.ca)</p> <p>Future Oxford Partnership continues to serve as a citizen led umbrella organization for the purpose of nurturing partnerships and developing the various aspects of our Future Oxford Community Sustainability Plan.</p> <p>Independent Electricity System Operator (IESO) (Sorana Ionescu)</p> <p>The IESO manages Ontario's power system, including real-time generation, conservation and demand management and the ongoing development of electrical innovation across the province. Over the past two decades, the IESO has been instrumental in the transition to Smart Meters in Ontario and continues to advance third party access to Smart metering data.</p> <p>In 2016, Oxford County started the process of sharing our energy baseline development and approached the IESO Smart Meter Entity group for assistance. In response, IESO created a working Council known as the Data Strategy Advisory Council to assist in the process of creating third party access to Ontario's Smart metering data, while ensuring the privacy of individuals and corporations are maintained. Oxford County joined this Council as a municipal representative and as a pilot location.</p> <p>http://www.ieso.ca/sector-participants/smart-metering-entity/data-strategy-advisory-council</p> <p>WalterFedy Engineers: (www.WalterFedy.com)</p> <p>WalterFedy has assisted in the development of an Oxford County community report that details energy, electricity and GHG baseline profile. With their assistance, we will report on the repeatability and scalability of project outcomes.</p>
---	--

Indwell
(Graham Cubitt, Emma Cubitt)

Oxford County's first Passivehouse project is being designed and constructed by Indwell in partnership with Oxford County. Indwell's leadership and commitment to the most vulnerable in our community will create the foundation from which we build our Smart Cities application. <http://indwell.ca/>

University of Western Ontario (UWO)
(Kate Huner, Michael Bauer)

UWO has played a critical role in our approach to create high-performance buildings that gather performance data and utilize connected technology for predictive analysis. Our objective with UWO is to verify performance outcomes based on modelled design, and to establish reporting and continuous improvement outcomes.

York University Sustainable Energy Initiative (SEI)
International Renewable Energy Academy (IREA)
(Dr. Jose Etcheverry)

Since 2015, Dr. Jose Etcheverry of York University has advised Oxford in the development and implementation of our 100% renewable energy plan, and established the International Renewable Energy Academy (IREA) in 2016.

York University SEI and IREA programs provide an important resource for public education and awareness.
<http://rea.info.yorku.ca/2018-program/>

Ryerson University
(Dr. Songnian Li)

Oxford County collaboration with Ryerson University began with a GIS Solar Rooftop mapping project and extensive community participation (City of Woodstock) to help educate residents and businesses of their solar electricity generation potential. Ryerson and Oxford County continue to collaborate through the Smart Cities Canada Challenge and the Ryerson Future and Smart Cities initiative.

Electric and Natural Gas Utilities serving Oxford County
Union Gas, Tillsonburg Hydro, EARTH Corp and Hydro One all participate in Future Oxford committees and form a key energy partnership.