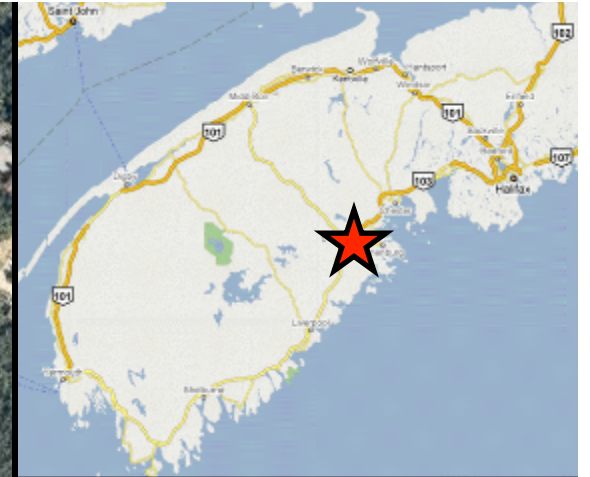




*[www.EnergizeBridgewater.ca](http://www.EnergizeBridgewater.ca)*





Bridgewater, NS  
Population 8200



# A History of Energy Leadership



Introduction to Energize Bridgewater  
*Leon de Vreede, Sustainability Planner, MCIP, LPP*



# A History of Energy Leadership



## Get cleaner energy for your home...

*...and pay for it at a pace you can afford!*



**Clean Energy  
Financing**

**Clean Energy Financing helps you invest in upgrades that reduce energy use in your home.**

Thanks to financing from your municipality, you can pay for the upgrades over a 10-year period. We'll make sure you save as much or even more in energy expenses than the cost of the retrofits. Your investment pays for itself!

Check our website at [CleanEnergyFinancing.ca](http://CleanEnergyFinancing.ca) to learn more about the program, including which local contractors are pre-approved to complete your home upgrades.



**Solar  
Panels**



**Insulation**



**Draft  
Proofing**



**Heat  
Pumps**

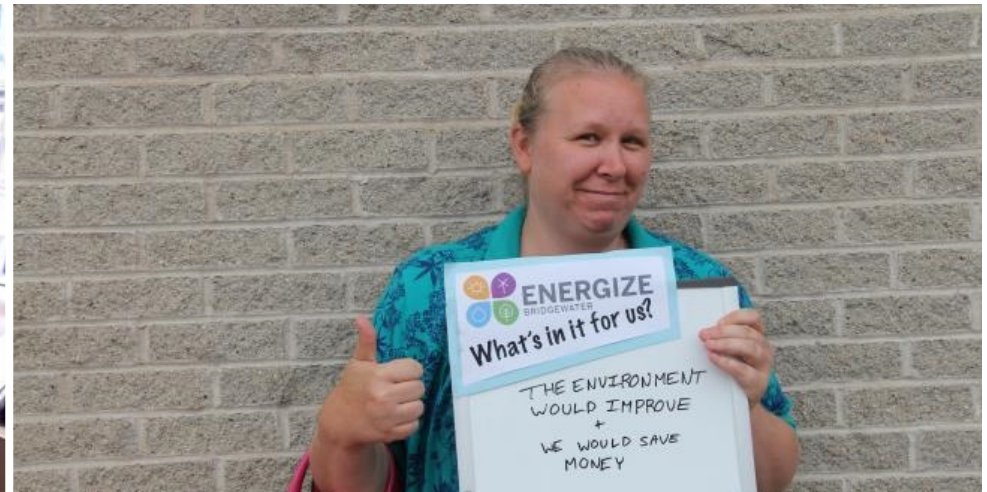
**Even more solutions  
are available!  
Ask us for details.**

**1-844-727-7818**

**[CleanEnergyFinancing.ca](http://CleanEnergyFinancing.ca)**



# A History of Energy Leadership



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# Energize Bridgewater

*Energize Bridgewater is a community-wide initiative to accelerate the transition of our community toward a “**local energy economy**”.*

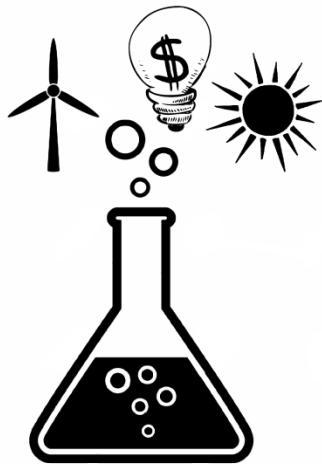
*Started in the summer of 2016, the 18-month initiative will result in practical energy demonstration projects, new partnerships, and increased knowledge and skills. The community’s shared vision and commitments will be recorded in a Community Energy Investment Plan that will provide practical financial tools that will make energy solutions more affordable for residents, businesses, and organizations.*

# Energize Bridgewater Components



## The Energy Partnership

A learning and action program for local businesses and organizations that will encourage innovate energy solutions and increase the collective knowledge of energy sustainability. Workshops every 2 months, and stewardship of the Living Energy Laboratory.



## The Living Energy Laboratory

A solution incubator to create actions within our community to support education, capacity building, entrepreneurship and new business ventures, collaboration and social mobilization. Examples may include a solar panel buying co-op, an energy training program for businesses, community-managed energy micro grants or loans, and other creative concepts.

# Energize Bridgewater Components



## New Local Investment Tools

In order to transition to a 100% renewable energy economy, our community will need on the order of **\$1 billion over 35 years** (\$30 million per year). We will identify where that money will come from, and how it can generate a financial return for those investing. Local investment mechanisms will be designed, resulting in significant economic development potential.



## Culture & Behaviour Change Assessment

A conscious effort to study and reshape the local “energy culture”. Developing a culturally-informed communications strategy that builds on positive cultural narratives and motivators to act will increase the uptake and success rate of sustainable energy solutions.



# Comprehensive Energy & Economic Modelling

[Home](#)[Features](#)[Insights](#)[When to Use CityInSight](#)[Policies & Actions Addressed](#)[Sample Outputs](#)[Contact Us](#)

## A STATE OF THE ART CITY-SCALE ENERGY, EMISSIONS AND FINANCE MODEL

Decarbonisation. 100% renewable energy. Drawdown. Fossil fuel free.  
CityInSight enables cities to explore energy and emissions scenarios for  
policy, finance and infrastructure.

It even fundamentally incorporates the new Global GHG Protocol for  
Cities.



### The Imperative

Cities around the world are increasingly embracing ambitious energy and emissions reduction strategies. The transition to a low carbon and renewable energy future requires ambitious new city policies and major infrastructure investment decisions. A holistic and rigorous approach is needed to justify these efforts.



### History

Sustainability Solutions Group developed the first Canadian model to evaluate existing and potential municipal policies and actions on greenhouse gas emissions and energy almost ten years ago. The modelling approach is unique in that it includes a spatial focus and multiple dimensions, and it is open source. The model has guided the development of energy and emissions targets and actions for over 30



### The New CityInSight

SSG and whatif? Technologies have partnered to deliver a sophisticated energy, emissions and finances model. CityInSight incorporates the Global GHG Protocol for Cities, a GHG accounting framework launched as the new global standard by the World Resources Institute, ICLEI, C40, UN Habitat and others at the UN Conference of the Parties in Lima in 2014. CityInSight has a web interface and many applications, helping cities to



**Introduction to Energize Bridgewater**  
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# Thank you!

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