



Partners in Project Green  
Driving Sustainability Action & Innovation

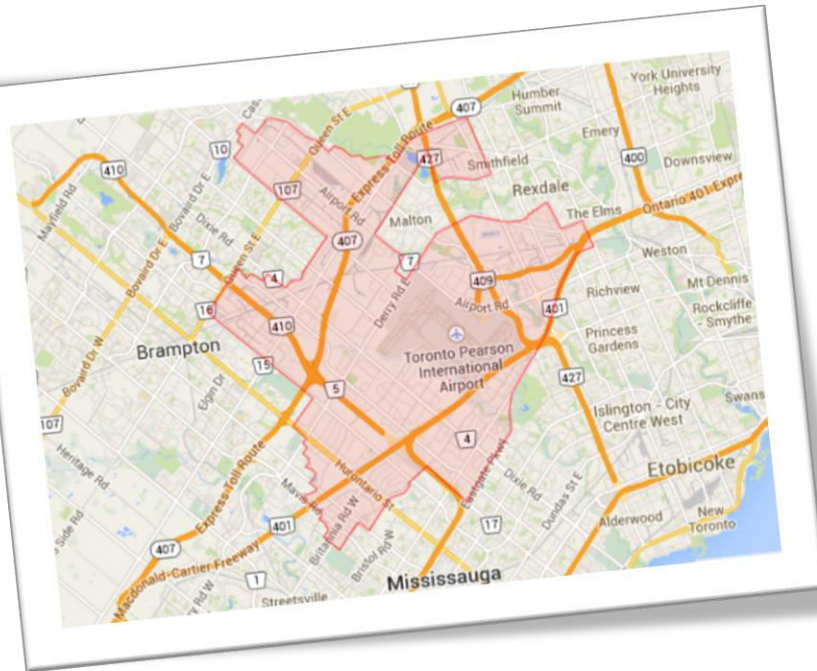
# Evolution of the Water-Food Nexus

**Eric Meliton**  
Canadian Water Summit  
June 25, 2015





# Pearson Eco-Business Zone



## Vision:

An internationally recognized community known for its *competitive, high performance* and *eco-friendly* business climate.

**Coverage:** Mississauga, Brampton, Toronto

12,000 hectares  
12,500 businesses  
350,000 employees

**Largest Eco-Business Community in the World!**





## Focus on Four Performance Areas



Water Stewardship

---



Energy Performance

---



Waste Management

---



Communications & Engagement



# Strong Leadership

## Executive Committee



- Hillary Marshall (GTAA)
- John Coyne (Unilever)
- Brad Chittick (Canadian Tire)
- Brian Denney (TRCA)
- Mayor Bonnie Crombie (City of Mississauga)
- Councillor Chris Fonseca (City of Mississauga)
- Councillor Doug Whillans (City of Brampton)
- Councillor Mike Layton (City of Toronto)
- John Kinkead (Credit Valley Conservation)
- Jonathan Davies (General Electric)
- Learie Miller (Region of Peel)
- Mike Brandt (Monteco Ltd.)
- Michelle Brown (Bentall Kennedy)
- Sean Brady (IESO)
- Trevor Lui (The International Centre)







# Growing Community



# Water Stewardship



2015 Target: 172.4 million L

## Collective Infrastructure Projects

- Vendor Network of **20 solution providers**
- **3 projects** valued at **\$350,000+**
- **+64,000 square feet** of retrofit low-impact development features
- **+58.2 million L** of water footprint offsets in 2014



**CALSTONE INC.**  
Your Furniture Solutions Partner

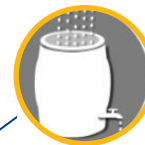
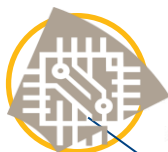


# 2015 Water Stewardship Programs

## Collaboration, Innovation, and Development

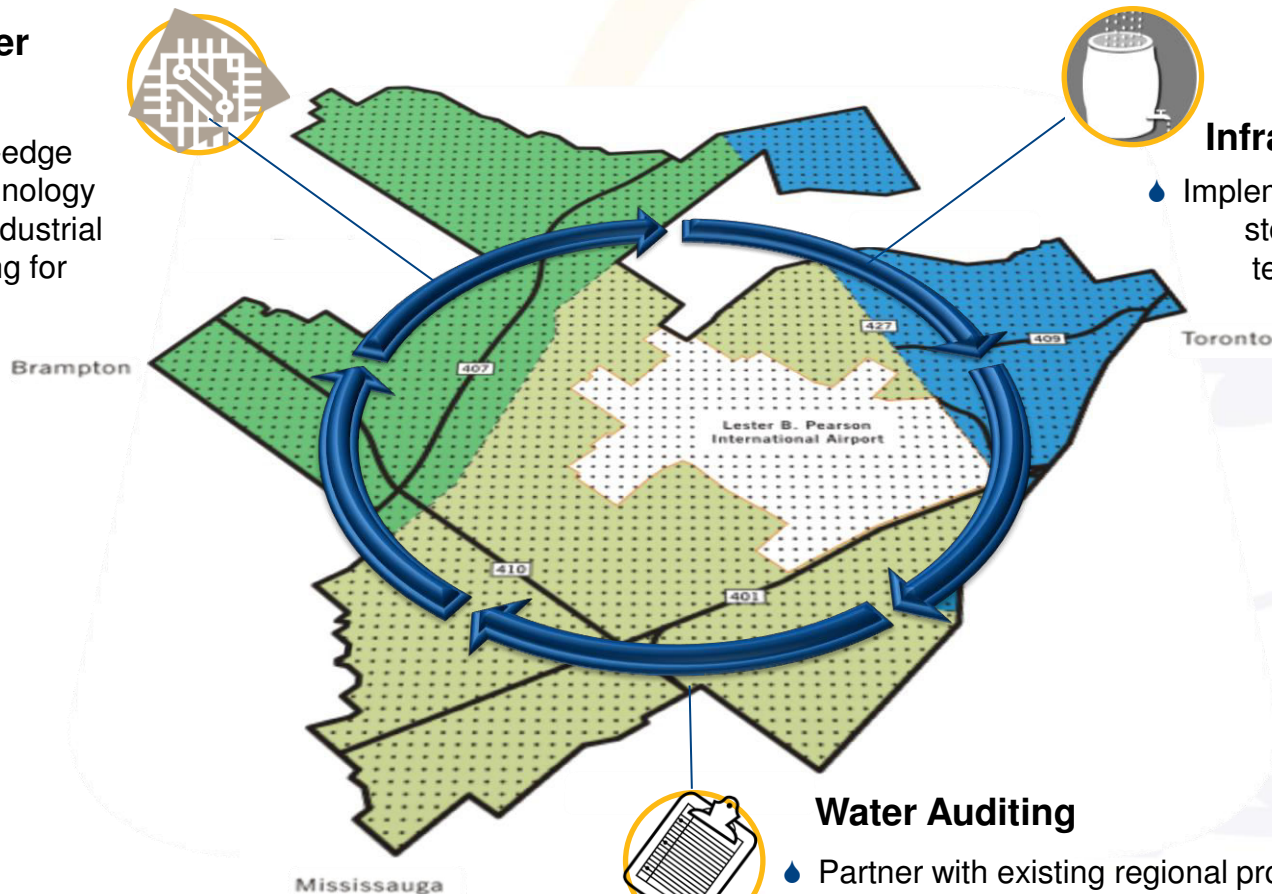
### Innovative Water Technology

- Connect cutting-edge service and technology providers with industrial end-users looking for solutions



### Collective Infrastructure Projects

- Implementation of innovative stormwater management technologies & practices



### Water Auditing

- Partner with existing regional programs and maximize collaborative opportunities



**Water Stewardship is pursuing three distinct programs in 2015**





# Contacts

stay connected

[www.partnersinprojectgreen.com](http://www.partnersinprojectgreen.com) |  



## Eric Meliton, Project Manager Water Stewardship

 647.338.5239

 [emeliton@trca.on.ca](mailto:emeliton@trca.on.ca)

 @EricMeliton

## Alyssa Cerbu, Project Coordinator Water Stewardship

 416.661.6600 x 5943

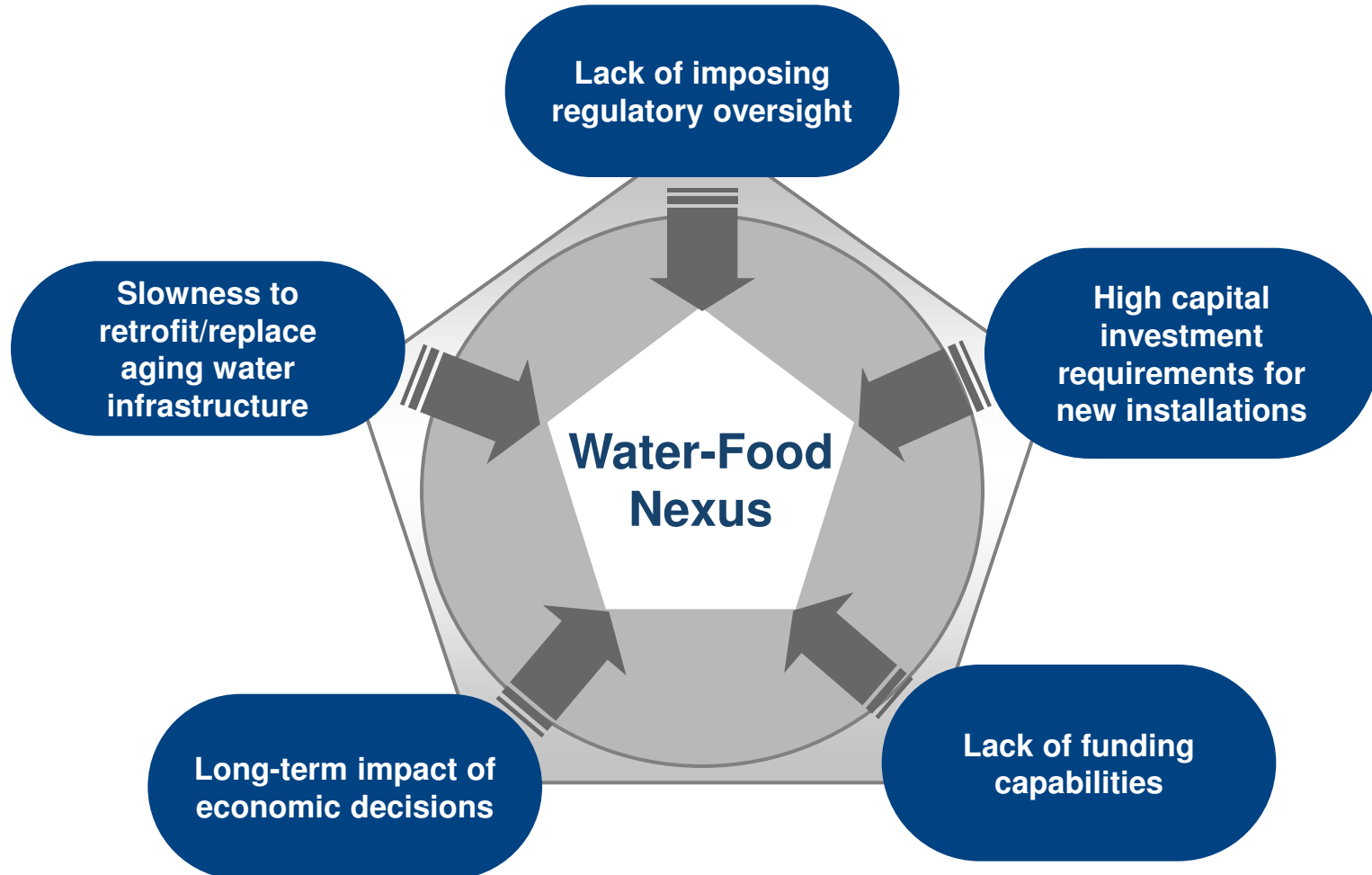
 [acerbu@trca.on.ca](mailto:acerbu@trca.on.ca)

 @alycerbs1





# Evolution of the Water-Food Nexus: Industry Challenges

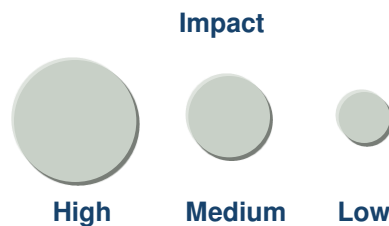




# Evolution of the Water-Food Nexus: Market Drivers & Restraints

	Drivers		
	2015	2020	2030
Ongoing Tier I CAPEX investments	High	High	High
Manufacturing expansion requires increased treatment capacity	Low	Low	High
Awareness of the benefits of water reuse and recovery	Low	Low	High

	Restraints		
	2015	2020	2030
Limited Tier II CAPEX investments	Low	Low	Low
Lack of regulatory oversight to address nutrient discharge limits	Low	Low	Low
Lack of funding capabilities	Low	Low	Low





# Evolution of the Water-Food Nexus: Key Selection Criteria

