

MUNICIPAL PARTNERS PROGRAM TOWNSHIP OF SOUTHGATE



ESCARPMENT BIOSPHERE
CONSERVANCY
2020

An Introduction to EBC!
www.escarpment.ca



WE ARE EBC ... THE LARGEST ONTARIO- FOCUSSED LAND TRUST AND ONE OF THE LARGEST IN CANADA

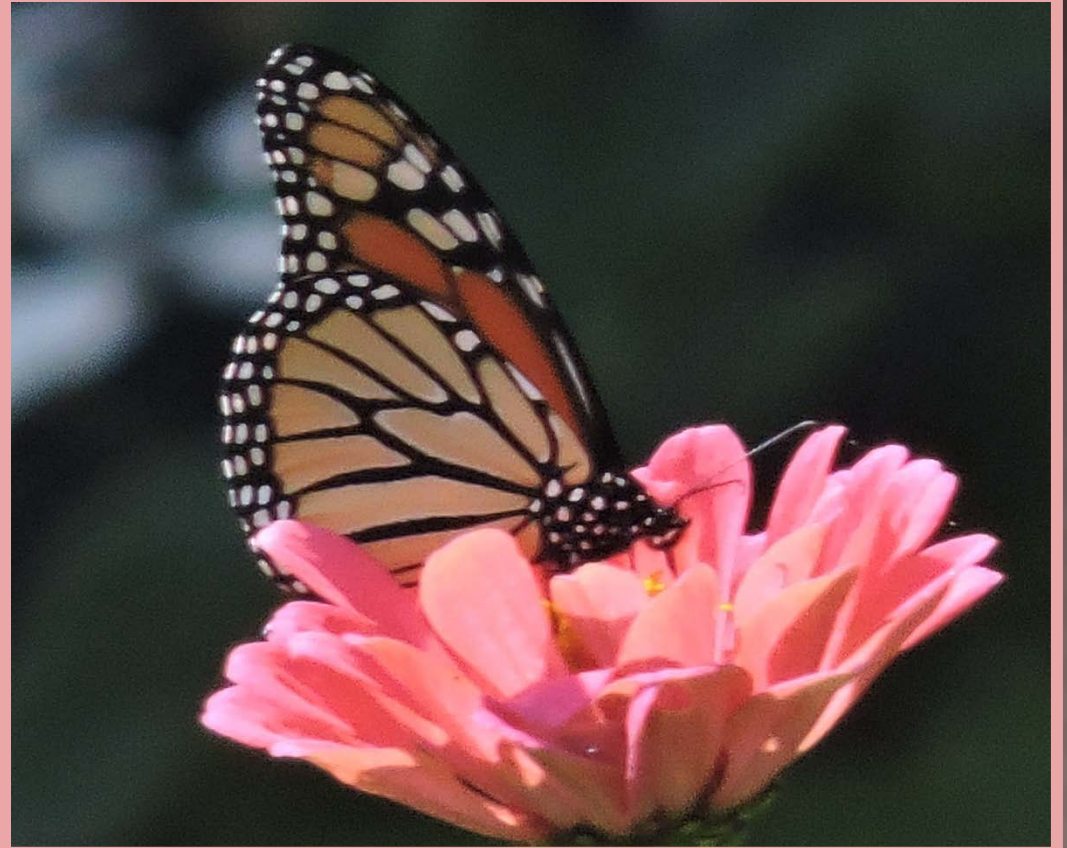
Founded in 1997 by
individuals who
wanted to see the
broader ecological
corridor of the
Niagara Escarpment
Biosphere protected



EBC'S SUCCESS ALONG THE ESCARPMENT IS EXTENSIVE

Owens or controls development on 182 nature reserves representing over

14,500 Acres of green spaces in Ontario that protect the habitat of 62 rare species



EBC FUND RAISES AND ACCEPTS DONATIONS TO PRESERVE LAND

In 2020 EBC is on track to secure 1000 more Acres on 10 -12 new reserves by year end

This is equivalent to one new reserve a month



IN GREY COUNTY EBC

- ◉ Preserves over 5000 acres
- ◉ Sequester 53,229 tonnes of CO₂ annually
- ◉ Provides 5.2 km of public trails



EBC CREATES ECONOMIC BENEFITS IN NATURE BASED TOURISM

EBC's Cup and Saucer
Trail on Manitoulin
attracts 10,000
visitors annually

Hundreds visit
Tobermory for EBC's
Monarch Butterfly
Festival every August



EBC SUPPORTS SOFT RECREATION AND NATURE BASED TOURISM

It is just good business as an emerging trend...

A Greenbelt study showed the following were the top three tourism and recreational activities by contribution of ecosystem services for a total in 2015 of \$1.434 billion

#1. Hiking, climbing,
horseback riding

\$872.50 million

#2. Cross-country skiing
and snowshoeing

\$326.10 million

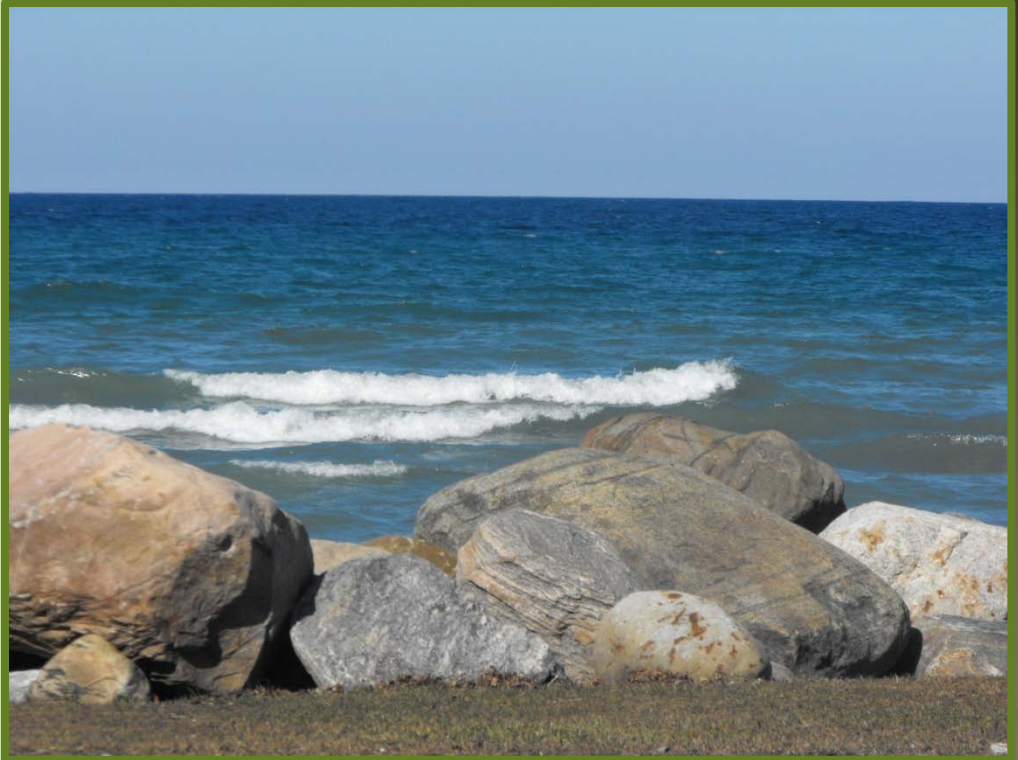
#3. Bird watching

\$236.30 million



CREATES ECONOMIC BENEFITS TO COMMUNITIES FOR GREEN INFRASTRUCTURE

- ◉ Ecosystem services worth 9 million dollars in Grey provide
- ◉ Climate controls
- ◉ Less flooding
- ◉ Cleaner air
- ◉ Safer water
- ◉ More biodiversity



AND THE BEST OF THESE IS **NATURAL CLIMATE SOLUTIONS**

NCS represents the green factor, (forests, fields, grasslands, wetlands etc) around the world that mitigates climate change

In 2017 the Nature Conservancy proposed that NCS could deliver one third of the reductions of greenhouse gas emissions required by 2030...



ACCORDING TO THE NATURE CONSERVANCY...

“This is equivalent to a
complete stop on the
burning of oil
worldwide.”



THIS GOAL CAN BE REACHED BUT IT IS UP TO EVERYONE EVERYWHERE

- ◉ Preserve existing green spaces
 - Fence rows, road allowances, forests, wetlands
- ◉ Increase green spaces through conservation and replacement
 - Reduce lumbering, reforest, improve marginal farmland
- ◉ Cut back on fossil fuel use



SOUTHGATE ALREADY HAS THE BENEFIT OF LANDS PRESERVED BY EBC

EBC controls development on 314 acres in
Southgate in perpetuity

EBC owns 172 acres and has conservation
agreements on another 142



EBC PROTECTS FOUR SPECIES AT RISK IN SOUTHGATE

- ◉ Monarch Butterfly
- ◉ Pink Lady Slipper Orchid
- ◉ Bobolink
- ◉ Eastern Wood Peewee



EBC PROVIDES BENEFITS TO ALL RESIDENTS FROM THEIR LANDS

\$630,000 worth of Ecosystem Services*

*Value of the services derived from the natural capital, both aquatic and terrestrial of EBC lands such as:

carbon sequestering,
cleaner water,
sustainable recreation,
eco tourism,
cleaner air,



AMONG THESE BENEFITS ARE CARBON SEQUESTRATION

In Grey County EBC sequesters

- 76,125 tonnes of carbon annually

In Southgate it is

- 18,406 tonnes of carbon annually



EBC SELLS CARBON OFFSETS THROUGH CARBON ZERO



Helps EBC to quantify and verify carbon on their lands which are registered by CSA for sale

\$100,000 of carbon offsets are sold by EBC annually through **carbonzero** to **Desjardin Financial** and other buyers



EBC SEEKS TO PARTNER WITH THE TOWNSHIP OF SOUTHGATE

- ◉ Establish a Natural Climate Solutions program
- ◉ Align conservation efforts with EBC to protect green spaces and build trails
- ◉ Create an ecosystem services platform for evaluating land loss & preservation
- ◉ Support tourism with nature based projects



THANK YOU

PREPARED BY LINDA READER FOR
WWW.ESCARPMENT.CA
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