

Facts about

FABN



What is a Biosphere Reserve?

Biosphere reserves highlight special places where people and organizations have made a commitment to live and work together for a sustainable future by demonstrating practical approaches to conservation and sustainable development. Rural areas being a blend of people and nature are ideal locations to reconcile our economic and social behaviours while respecting nature and biodiversity.

The people living in these areas do not separate the protection of the environment with its use, and are discovering how to achieve a sustainable balance between conserving natural systems and biodiversity and fostering sound economic development.

The biosphere is composed of CORE areas which ensure complete protection, BUFFER areas which are managed and include some protection and light use, and the TRANSITION area where social and economic development take place.



What are the benefits of a biosphere?

Biosphere reserves seek to improve the ecological and economic sustainability and stability of a region by aligning common vision and goals.

Biosphere reserves provide a neutral voice to increase communication and cooperation.

Biosphere reserves can draw on the national and international community to relate positive actions and increase the public profile of the area.

Frontenac Arch Biosphere



What is the purpose of the biosphere?

The functions of a biosphere reserve are to contribute to CONSERVATION, allowing healthy ecosystems and genetic variation; fostering SUSTAINABLE DEVELOPMENT while maintaining economic, cultural and ecological integrity; and to help build LOCAL CAPACITY for research, education, and training activities related to the promotion of sustainable development and conservation.

By promoting CONSERVATION, biosphere reserves invite partners to undertake or sponsor research, training and demonstration activities.

By promoting SUSTAINABLE DEVELOPMENT, biosphere reserves address themes such as the economic needs of communities and the responsible use of natural resources. This includes opportunities for social and health services, the needs of youth, and the needs of Indigenous people.

By ENGAGING the COMMUNITY, biosphere reserves seek partnerships to expand the scope of activities to improve people's relationship with the environment by providing a neutral forum to address sometimes conflicting interests and pressures, and to share solutions.



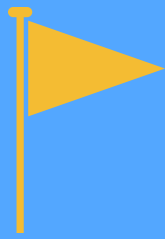
Who do Biosphere Reserves report to?

UNESCO is the United Nations Educational, Scientific and Cultural organization. It seeks to build peace through international cooperation in Education, the Sciences and Culture.

UNESCO's programs contribute to the achievement of the Sustainable Development Goals defined in Agenda 2030, adopted by the UN General Assembly in 2015.

UNESCO World Biosphere Reserves pledge to protect their globally significant natural and cultural heritage through promoting sustainable development.

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Our Vision and Mission

Vision

The Frontenac Arch Biosphere Network has contributed to strengthening sustainable community development, celebrating the interconnectedness of nature, livelihood, wellbeing and culture, for this and future generations.

Mission

To implement the UNESCO Man and the Biosphere programme to improve the relationships between people and their environments.



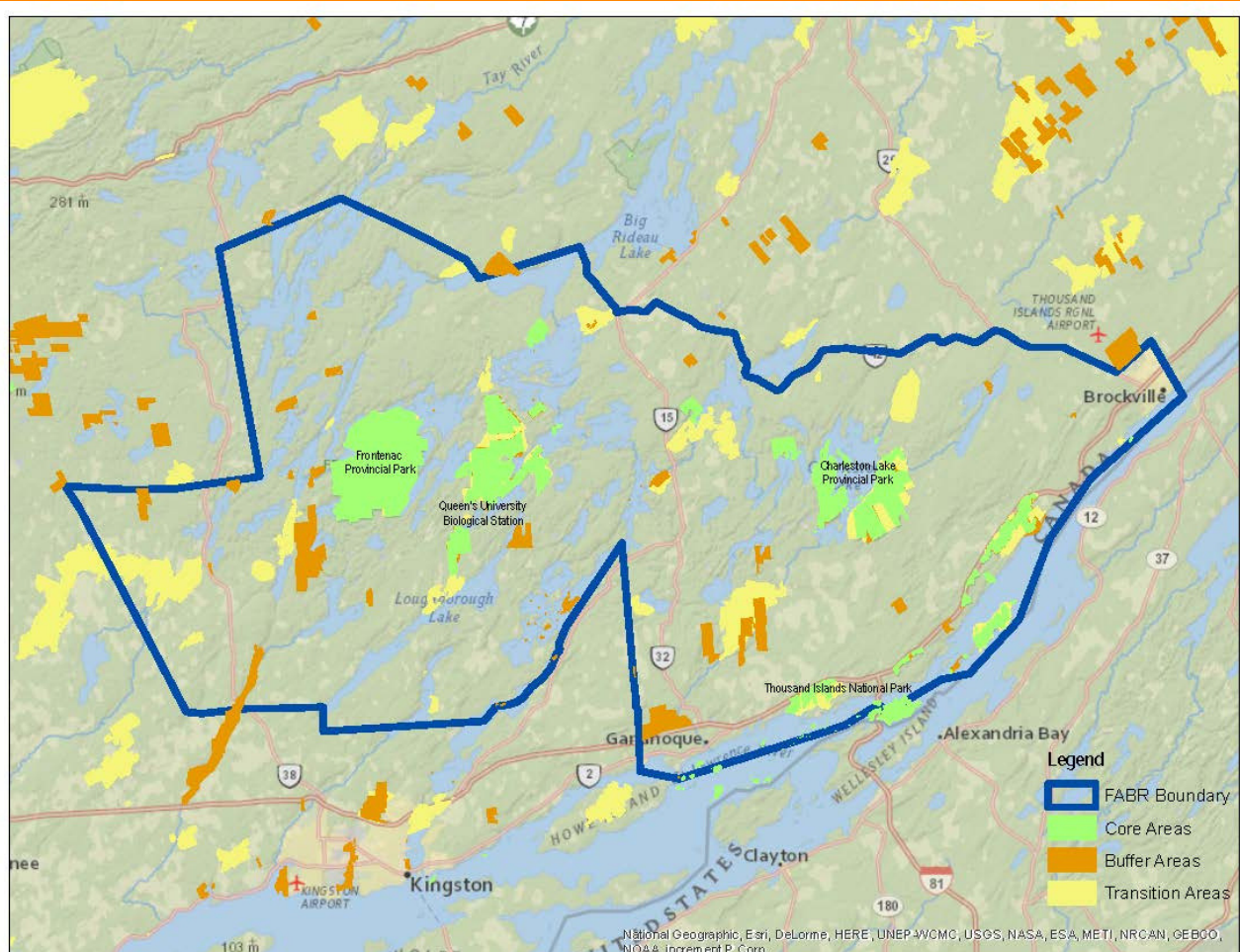
Your Support

By supporting the biosphere, you are contributing to the overall worth and public profile of the area. Biospheres are nominated by the community, not by UNESCO, and carry no laws, powers or authority. Biospheres work to accomplish the mission of improving sustainable development by raising money and seeking volunteer involvement from the community.

The support of organizations is needed to implement pilot projects, increase information sharing, and increase community interest in the biosphere reserve.



Where is the Frontenac Arch Biosphere Reserve?





Projects and Partnerships

- Amazing Places partners with municipalities and national Canadian Biospheres in social sustainable development increasing resident and tourist interest.
<http://visitamazingplaces.ca/amazing/>
- FABN Family of Nature Camps partners with municipalities to bring children in contact with their environment and to foster an appreciation of conservation.
- Lessons in a Backpack partners with local schools to bring the biosphere to children, and educate for the environment.
- FAB Experiences partners with businesses, municipalities, Parks, heritage sites to foster economic development that is socially sustainable.
- In 2018, the G7 Tree Planting brought forestry, municipal, and national biospheres together to promote conservation and mitigate climate change.
- FABN partnered with Canadian Wildlife Federation as one of 35 other organizations to conduct a BioBlitz. The event encourages conservation science, data sharing, and education.
<https://inaturalist.ca>
- All Trails Lead to Destinations, a biosphere trails council was formed and partnerships with A2A, municipalities, and Parks were developed to create a cohesive network of regional trails as a destination for residents and visitors, lending to economic development that is socially sustainable and culturally appropriate.



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The Goose Story

by Dr. Harry Clarke Noyes

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Next
fall, when
you see Geese
heading South for
the Winter, flying along
in V formation, you might
consider what science has dis-
covered as to why they fly that way:
as each bird flaps its wings, it creates an
uplift for the bird immediately following. By
flying in V formation the whole flock adds at least 71% greater flying range than if each bird flew on its own.

People who share a common direction and sense of community can get where they are going more quickly and easily because they are traveling on the thrust of one another.

When
a goose falls
out of formation,
it suddenly feels the drag
and resistance of trying to go it alone
and quickly gets back into formation to take advantage of the lifting power of the bird in front.

***If we have as much sense as a goose,
we will stay in formation
with those who are headed the same way we are.***

When
the Head Goose
gets tired, it rotates back
in the wing and another goose flies point.

It is sensible to take turns doing demanding jobs with people or with geese flying South.

Geese
honk from behind to
encourage those up front to keep up their speed.

What do we say when we honk from behind?

Finally,
and this is important,
when a goose gets sick, or is
wounded by gunshots and falls out
of formation, two other geese fall out with that
goose and follow it down to lend help and protection.
They stay with the fallen goose until it is able to fly, or until
it dies. Only then do they launch out on their own, or with another formation to catch up with their group.

IF WE HAVE THE SENSE OF A GOOSE, WE WILL STAND BY EACH OTHER LIKE THAT.