



An ocean of opportunity

FORM "A"
TO BE COMPLETED BY ANYONE
WISHING TO ADDRESS COUNCIL OR COMMITTEE OF THE WHOLE COUNCIL

Names of individuals making the presentation:

SHAYLA NICKERSON
NICK HILL

Points to be made:

- WHAT IS AN OECM?
- HOW DO OECMS APPLY TO BARRINGTON?
- THE PROCESS OF CLASSIFYING OECMS
- ANSWERING ANY QUESTIONS

Purpose and any requests that may be forthcoming from the presentation:

To educate council on OECMs and see if there is interest in pursuing them.

Please attach a copy of your written or power point presentation.

Time requested for presentation:

15 minutes _____

30 minutes

Shayla Nickerson
Signature

Print Name: Shayla Nickerson

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Will you require a projector and computer for your presentation ?

NOTE: Individuals or groups making presentations are required to address their comments and questions to the Chair of the Meeting only. No decision will be made at the same meeting as your presentation.



SNBR and OECMS

The background of the slide is a solid light green color. On the left side, there are several stylized green leaves and circles of various shades of green, creating a natural, organic feel. The leaves are simple shapes with some vein details, and the circles are solid and vary in size.

Overview

- What is a Biosphere Reserve?
- Southwest Nova Biosphere Reserve
- Our current Project
- OECMs/ PA

Biosphere Reserves

are internationally recognized areas where people live in balance with nature and build a future we're proud of. They model solutions for a sustainable future and celebrate cultural and biological diversity.







What is SNBR?

SNBR stands for the Southwest Nova Biosphere Reserve

We are a non profit organization focused on:

- sustainable development
- conservation, and
- capacity building for research and education

We hope to celebrate people and nature in balance.

UNESCO Southwest Nova Biosphere Reserve



Base Data Source:
Nova Scotia Geomatics Centre
Cartography by Wayne Rieger/AGRG



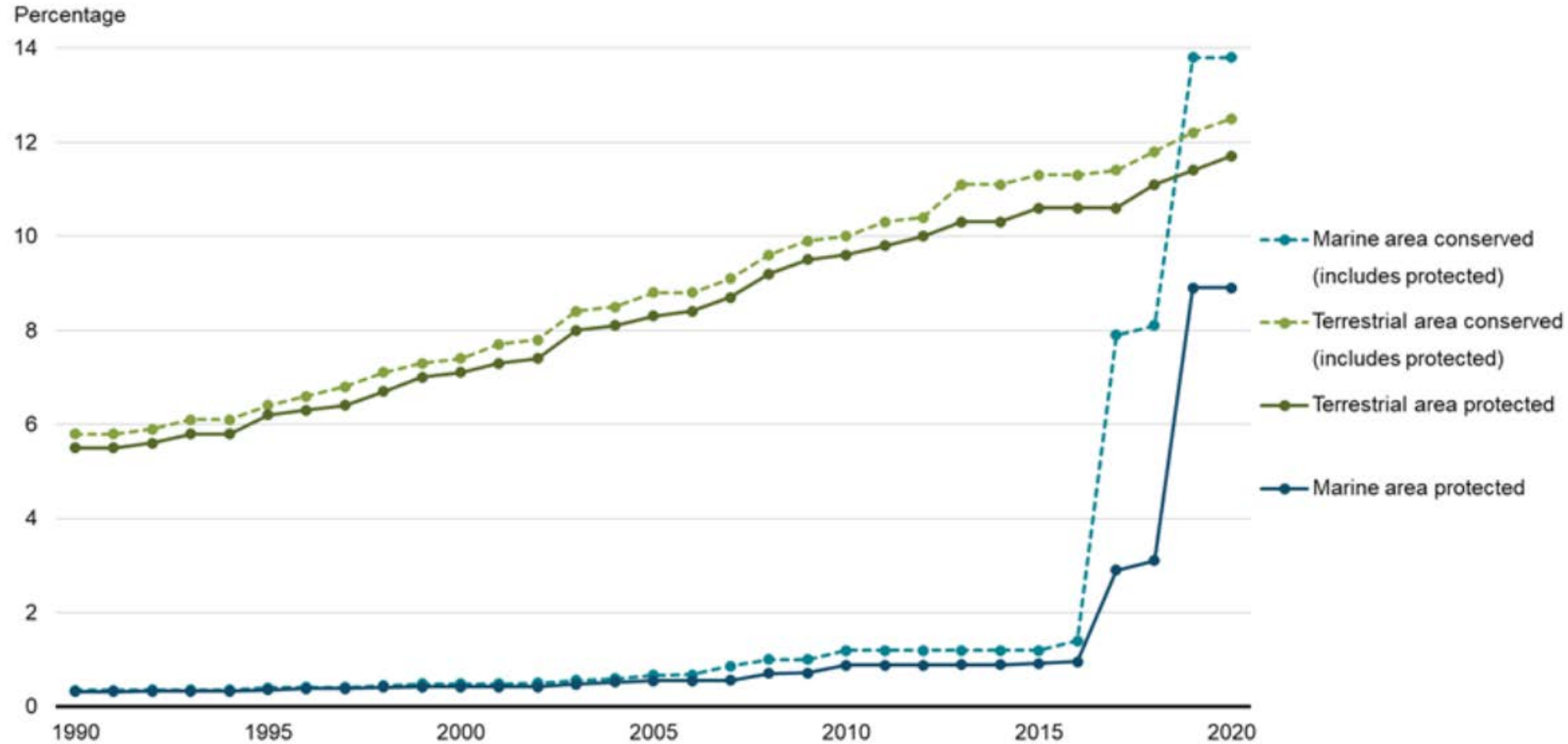
- The Biosphere Reserve covers the 5 southern counties of Nova Scotia.
- This area is also known as Kespukwitk to the Mi'kmaq.
- It is recognized because of its cultural heritage, unique biodiversity and diverse industries.



Canada's Conservation Targets

- the Government of Canada has committed to conserve 25 % of lands and oceans by 2025.
- Nova Scotia has committed to 20% by 2030.
- We are currently at 13% in Nova Scotia and 13.5% in Canada.

Proportion of area conserved, Canada, 1990 to 2020





Our Project

- Received funding from ECCC in 2022.
- Main focus is to contribute to Canada's conservation goals by screening potential OECMS within the biosphere.



Other Goals

- Increase capacity of SNBR.
- Build relationships with communities within the biosphere.
- Connect with landowners.



Other Effective Area-Based Conservation Measures

- OECCMs are a new tool that can be used to account for lands that are providing the same level of conservation as protected areas, but haven't been counted in the **Canadian Protected and Conserved Areas Database.**



OECM requirements

1. The area has a boundary that the governing authorities have the means to control activities within.
2. The governing authorities have the obligation to conserve the area.
3. Conservation is year round and long term.
4. Site goals are sufficient to lead to conservation and biodiversity.
5. Conservation objectives override or are not threatened by other site objectives.
6. No governing authorities threaten onsite conservation.



OECM vs PA

Protected Area

An area that provides long term conservation, with conservation being the primary goal of the site.

OECM

An area that provides long term conservation, regardless of the purpose of the site.



The Process

Once a piece of land is chosen to screen as a potential PA/OECM:

- Collect information on the property to assess whether it meets the criteria of a PA and/or OECM. (Ex: Mgmt plans, municipal policies)
- We like to have a pre-screening phone call with the land owner, that typically takes about an hour.
- SNBR screens the property, and identifies gaps and barriers.
- Work together to address gaps and barriers if desired by land owner.

A decorative graphic on the left side of the slide features several stylized green leaves of various sizes and shades, ranging from light lime green to dark forest green. Interspersed among the leaves are four large, semi-transparent grey circles of varying sizes, creating a modern, organic aesthetic.

Once gaps and barriers are addressed:

- Submit screened property and accompanying information to NS Department of Environment and Climate Change.
- If approved at provincial level, it is added to the Canadian Protected and Conserved areas database.
- OECCM is not a legal designation and there is nothing binding, it is only contributing to the conservation targets set by the province and Canada.

The background is a solid light green color. On the left side, there are several stylized elements: a large, light green leaf shape pointing right, a smaller dark green leaf shape pointing left, and several circles of varying sizes and shades of green. The text "Questions?" is positioned on the right side of the image.

Questions?



Resources

NS Provincial – Protecting Natural Values on Your Property brochure:

<https://novascotia.ca/nse/protectedareas/docs/PrivateLandBrochur.pdf>

NSNT Conservation Options Booklet:

https://nsnt.ca/wp-content/uploads/17-11-24-ConservationOptionsBooklet_web.pdf

Nature Conservancy of Canada:

<https://www.natureconservancy.ca/en/where-we-work/nova-scotia/>

Protected Water Area Designation:

<https://novascotia.ca/nse/water/docs/ProtectedWaterAreaDesignation.pdf>

Wilderness Area Designation:

https://novascotia.ca/nse/protectedareas/docs/Wilderness_Act_Sum.pdf

Nature Reserves:

<https://novascotia.ca/nse/protectedareas/naturereserves.asp>

Developing a Municipal Source Water Protection Plan:

<https://novascotia.ca/nse/water/sourcewater.asp>

Canadian Protected and Conserved Areas Database:

<https://www.canada.ca/en/environment-climate-change/services/national-wildlife-areas/protected-conservedareas-database.html#toc0>

Pathway to Target 1 Accounting – Decision Support Tool (DST):

<https://www.conservation2020canada.ca/accounting>

<https://static1.squarespace.com/static/57e007452e69cf9a7af0a033/t/60816801b14b3261522b0442/1619093506>

[784/EN_Session+1_One_Pager_Screening.pdf](https://static1.squarespace.com/static/57e007452e69cf9a7af0a033/t/60816801b14b3261522b0442/1619093506/784/EN_Session+1_One_Pager_Screening.pdf)