















Canada's upstream SEO assets and nature-related applications development

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Canada's 2030 Nature Strategy:

Halting and Reversing Biodiversity Loss in Canada

	Target 1: Spatial Planning and effective management	 RADARSAT Constellation Mission
	Target-4: Species Recovery	 SmartEarth/ smartWhales
	Target 7: Pollution and Biodiversity	 ISTOP
	Target 8: Climate Change and Biodiversity	 WildFireSat
	Target 14: Mainstreaming of biodiversity values	 SmartEarth/ SmartHarbour
	Target 21: Knowledge sharing	   SEO Strategy

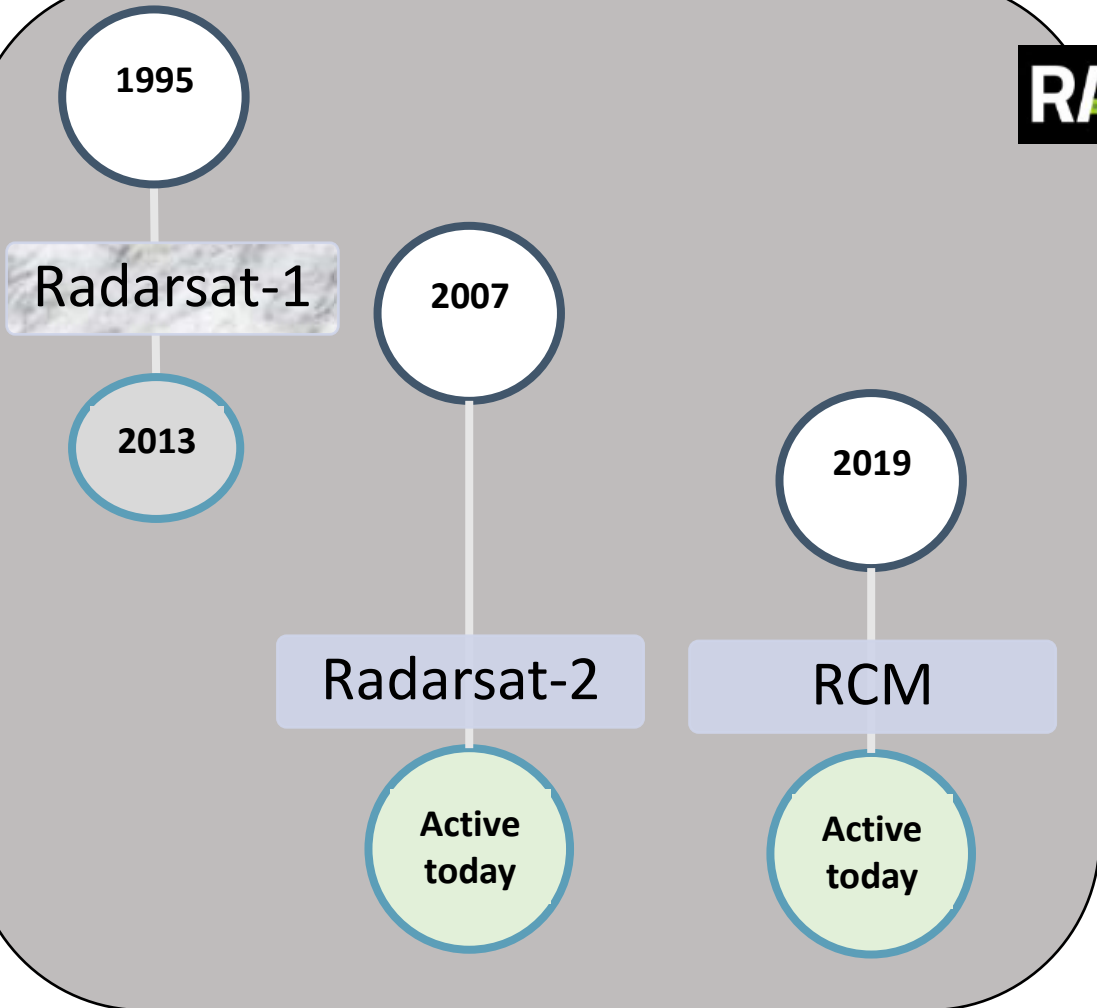


The banner features a stylized landscape with mountains, a forest, a moose, a bear, and a bird. A satellite is shown in the sky. Logos for the Canadian Space Agency and the Committee on Earth Observation Satellites (CEOS) are present. A QR code is located in the bottom left corner.

Monitoring Earth as a System: Legacy and future mission launch dates



RADARSAT+ 2025+



WildFireSat
La mission **GardeFeu**

2029



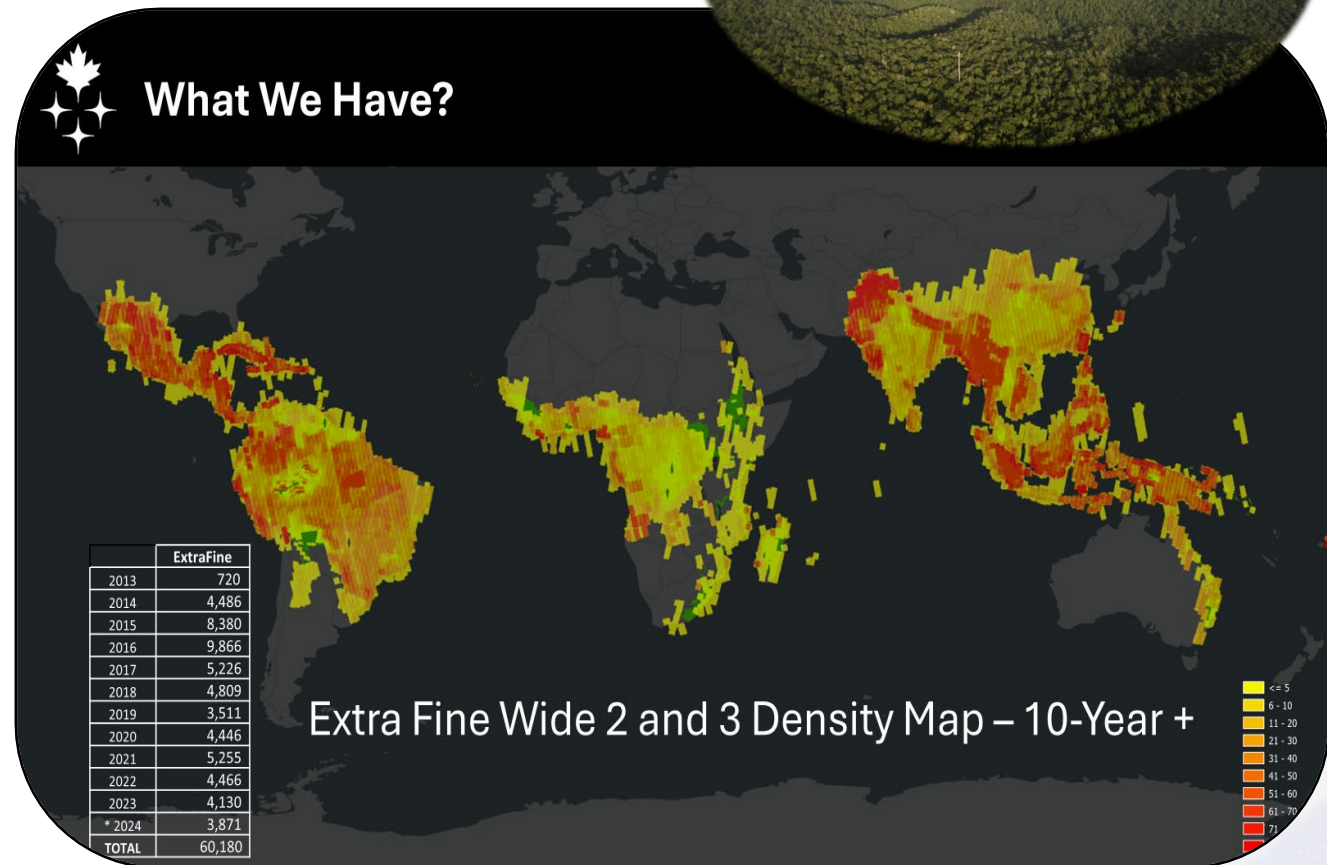
2030s

Radarsat-2 Tropical Forest (R2TF) Challenge

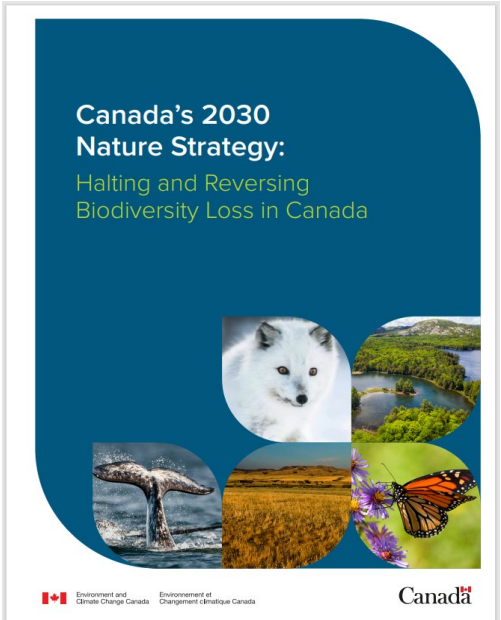


Coming soon!

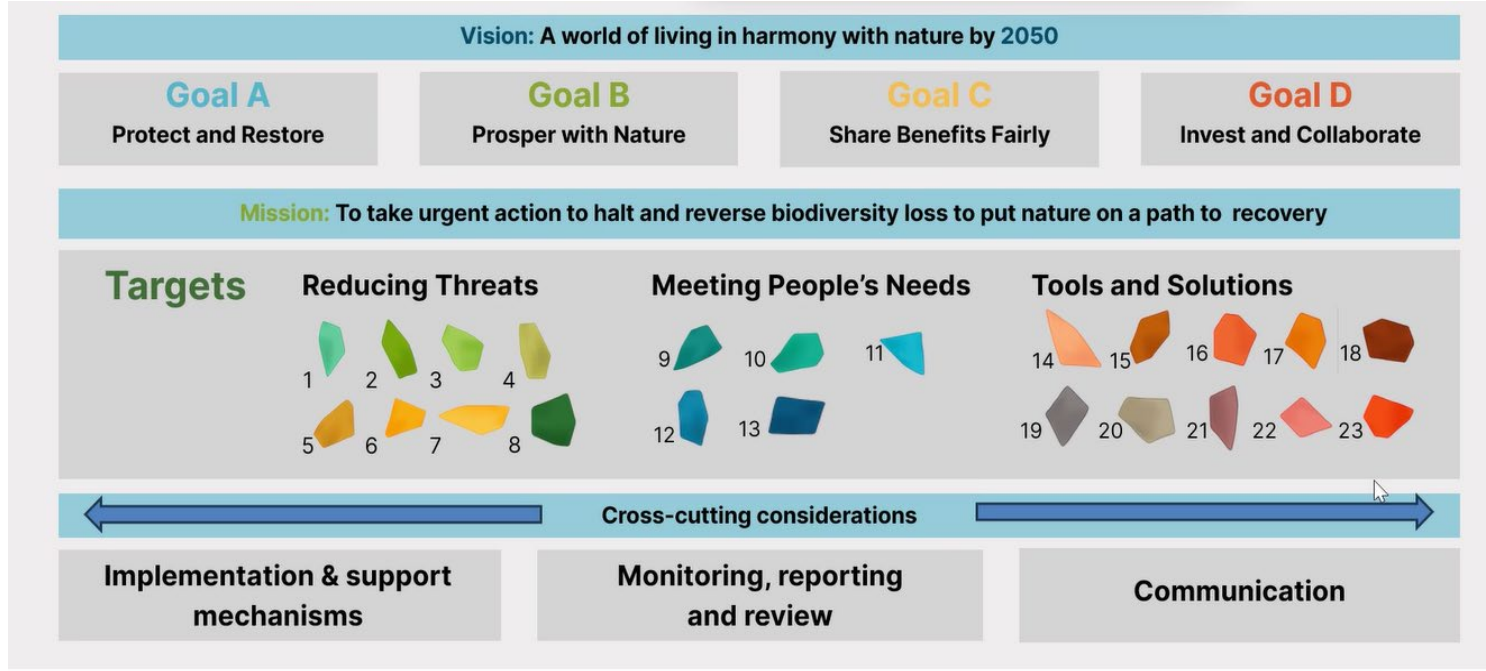
- Over 12 yrs of coherent systematic acquisitions starting in 2012
- R2TF Initiative will provide unvaluable insights to support:
 - Forest mapping and monitoring
 - Biodiversity and ecosystem monitoring
 - Carbon accounting
 - Natural resource management
 - Disaster management
- High potential for collaborations with international agencies to reach even more scientific communities
- Open* to intl' science & research community



naturEO alignment with GBF/Nature Strategy



naturEO :
 A smart CSA
 endeavor to support
 the Global and
 National biodiversity
 agenda



naturEO Tracks and thematic priorities

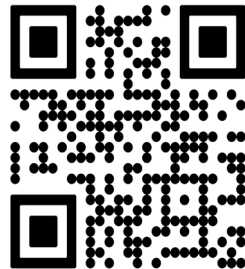
- Applied R&D
- MRV & EIA
- Data access / mainstreaming outputs

Active naturEO activities

Announcement of Opportunity (AO) Satellite Mobilization for Biodiversity Action

On this page

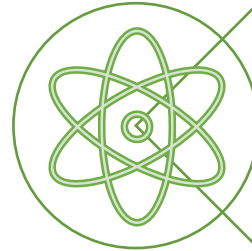
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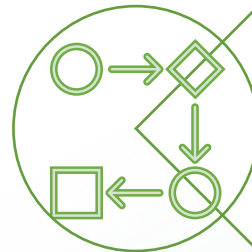
Publication date: January 27, 2025

Application due not later than February 21st, 2025.

- **Eligible Recipients:** For-profit and not-for-profit organizations established and operating in Canada, excluding academic institutions.
- **Grants or Non-Repayable Contributions:** Non-Repayable Contributions
- **Maximum Amount per Project:** up to \$250,000 per project
- **Maximum Timeframe of the Project:** up to 24 mois
- **Estimated Number of Agreements under the AO:** 20
- **Estimated Total Amount of the AO:** \$5,000,000
- **Estimated Projects Start Date:** October 1st, 2025



Advancing scientific knowledge of ecosystems (applied R&D) by refining the use of satellite Earth Observation technologies and integrating with other information systems.



Streamlining processes and standardization capabilities related to EO-based Monitoring, Reporting and Verification (MRV) methods and processes associated with nature-based projects and due diligence.



Developing user-friendly tools and solutions for mainstreaming SEO-integrated information for biodiversity protection and nature-positive decision-making.

Consultation on use of EO for biodiversity

Open to everyone

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