



Annual Report Highlights 2022-2023



Ingenium oversees three national museums of science and innovation in Ottawa.



Canada Agriculture and Food Museum
Canada Aviation and Space Museum
Canada Science and Technology Museum



Attendance:
569,238

(an increase of 241%
over 236,147 persons
in 2021-2022).





Mission

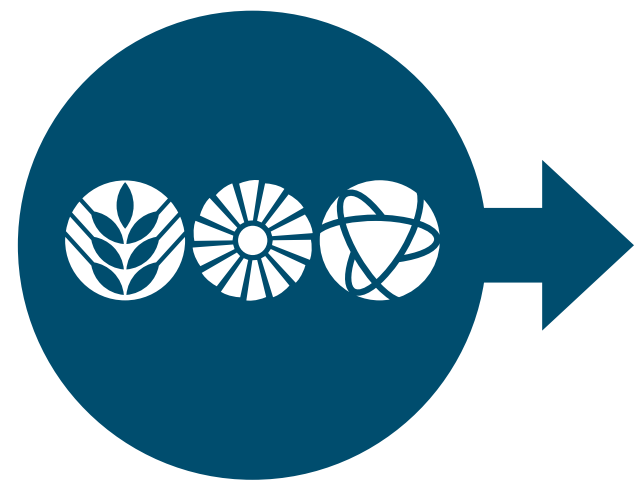
Ingenium is a catalyst for unlocking the curious and creative minds of a nation of innovators.

Our 2020–2025 strategic plan goals

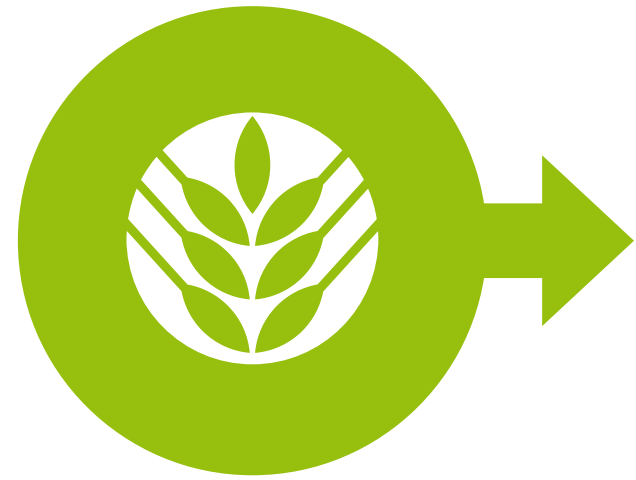
**Collaborate
to Innovate**

Access for All

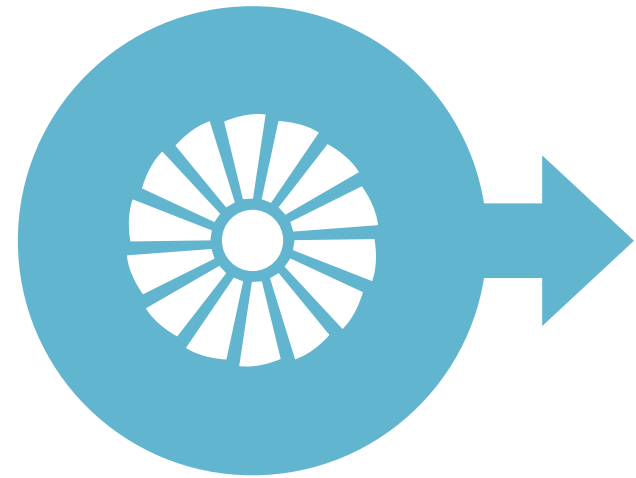
**Strengthen our
Foundations**



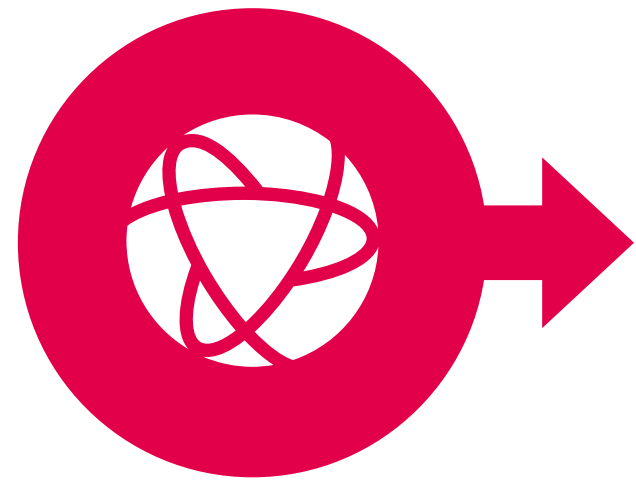
Renewed partnership with Connected North to foster student engagement in remote Indigenous communities through two-way video communication.



Restarted AgVenture outreach to local schools and community organizations.



Collaborated with the Canadian Council for Aviation and Aerospace on museum's Aviation and Technology Virtual Field Trip targeted to high school students.



Conducted on-site professional development workshop for local elementary teachers.

Overall, 29,534 youth participated in STEAM learning in school programs, summer camps, distance learning, and lectures given by staff.



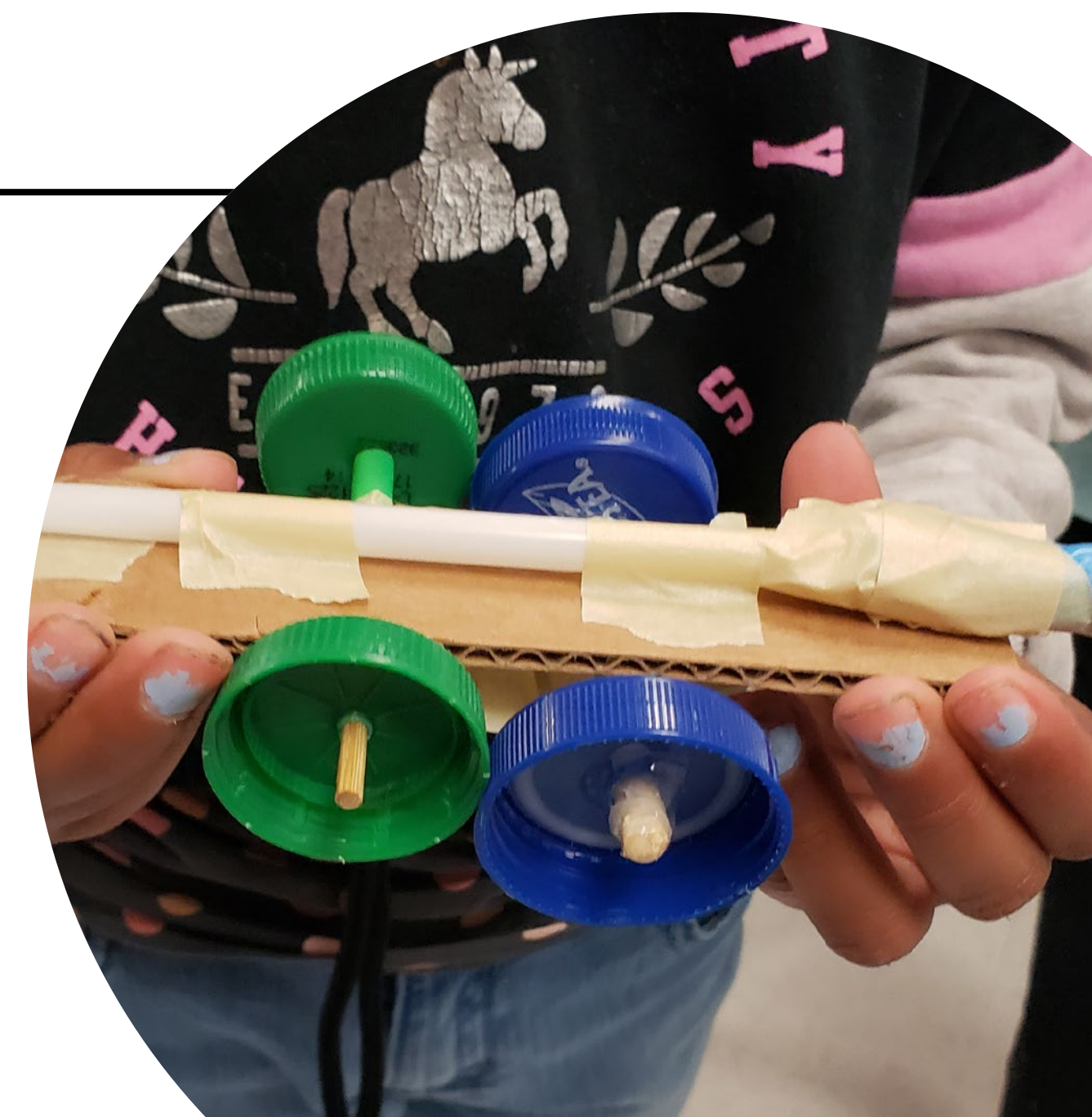
GO STEAM educational programs offered on-site (at the Canada Science and Technology Museum), off-site, and virtually to underserved youth in the wider community.

More than 700 children aged 5 to 16 years old participated in 49 off-site GO STEAM programs throughout the year.

Partners:



GO STEAM supported by:





Summer Institute
for Elementary
Teachers

Ingenium connected directly with educators to foster science communication, integrating science, technology, engineering, and math into classroom lessons.

- STEM Institute for Elementary Teachers: 25 workshops delivered to 250 teachers across Canada.
- 775 educators, co-op students, Fellows, and interns were trained in teaching and communicating science.





INGENIUM-NSERC
STEAM!
HORIZON AWARDS

The **Ingenium-NSERC STEAM Horizon Awards** rewarded students' academic and community leadership in STEAM. Five winners, including two Indigenous students

Ingenium-NSERC STEAM Horizon Award Sponsors:





Memorandum of Understanding with Indigenous Science, Technology, Engineering, and Math Cluster of Agriculture and Agri-Food Canada to support Ingenium's commitment to work with Indigenous Peoples and partners to grow the STEAM skills pipeline in Canada.

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Ingenium prioritized physical, cognitive, sensory, and socioeconomic accessibility to remove barriers to our sites, programs, and activities to improve access and inclusivity to Canada's heritage.



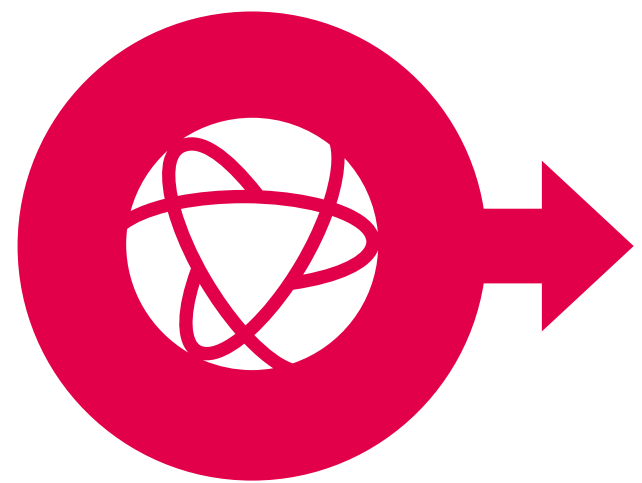
**Committed to
being inclusive**

New office and directorship of Truth, Reconciliation, Equity, Diversity, Inclusion, and Accessibility Relations and Initiatives.

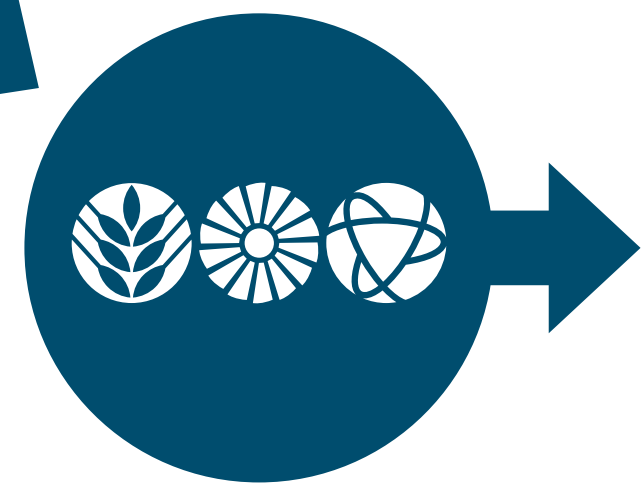
Three-year Accessibility Plan in place for visitors, staff, and volunteers.



Welcome Wednesdays removes financial barriers to visiting the museum.



More access to **Curiosity on Stage** programs supported by the Ingenium Foundation.



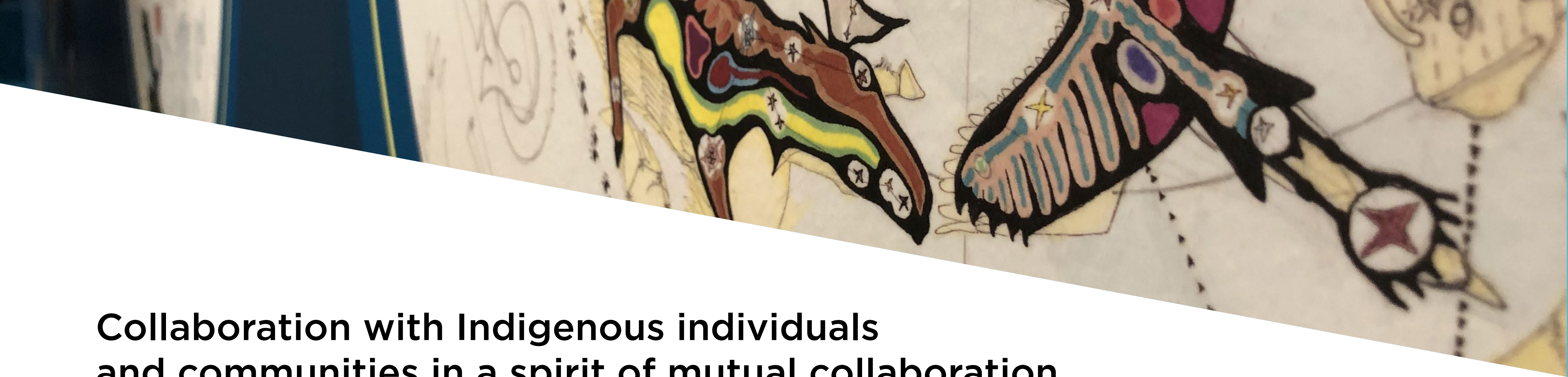
Ingenium Foundation provides funding for our **16 travelling exhibitions** to visit remote communities.





New vision and strategy for Ingenium's Digital Innovation Lab to improve digital accessibility within Canada's cultural sector.





Collaboration with Indigenous individuals and communities in a spirit of mutual collaboration, learning, and respect, including:

Improving the descriptions of collection objects by removing colonial references and revising wording in the information and descriptions of the artifact and archive collection databases.


Continuing our relationship with the Kitigan Zibi Anishinabeg to support the development of astronomy educational materials.





The Canada Science and Technology Museum hosted beading workshops by Ojibway artist Kelly Nahwegahbow Marsolais.

Ontario Métis artist Tracey-Mae Chambers installed a textile artwork created specifically for one of the public spaces in the Learning Centre at the Canada Agriculture and Food Museum.



Ingenium's national collection of artifacts and archives is now more accessible to museum staff, other museums' professionals, researchers, and the public after completion of multi-year move to the Ingenium Centre.

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**Ingenium
memberships:
7,758 active
memberships**





Total revenues
of **\$11.2 million**

Operating revenue
of **\$8.3 million**

Revenues from
contributions,
grants and
sponsorships
of **\$1.5 million**

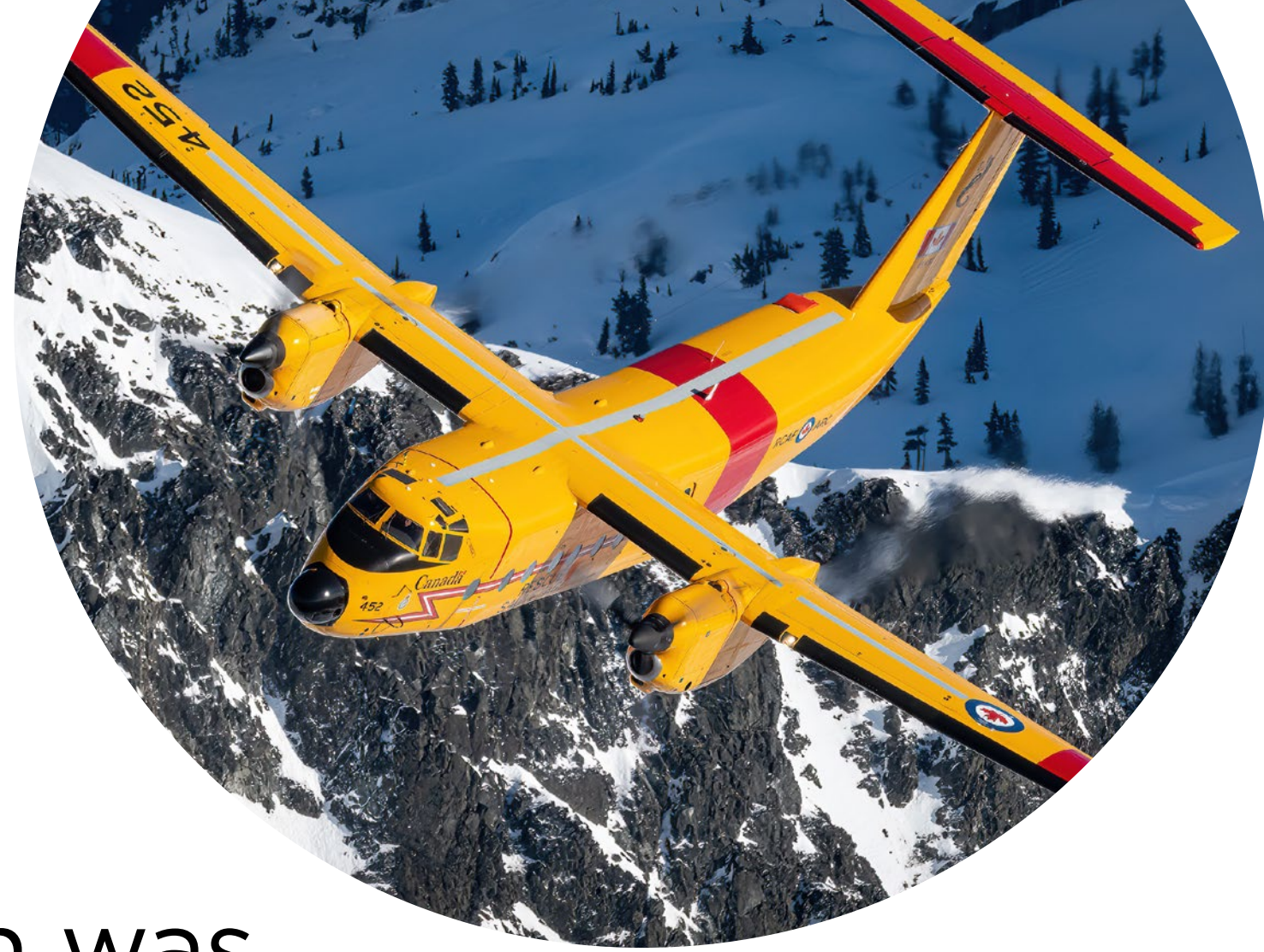
More complete and detailed financial results are in the Financial Statements section of the Annual Report, also available on this website.



Leveraging our assets: Ingenium curators and conservators collaborated with five adjunct curators and welcomed nearly 170 students and Fellows to the Ingenium Centre to work with the national collection.

Through guest lectures and teaching, Ingenium's Research and Collection division reached more than 850 university and college students across Canada.

Longer term, the resources of the national collection and the Ingenium Centre will be accessed and used to their full potential by heritage professionals.



Our national collection was strengthened with exceptional acquisitions, including:

The last operational de Havilland Canada DHC-5A Buffalo CC-115 aircraft, which served the Royal Canadian Air Force from 1967 to 2022.

This group of three drones and related peripherals used by CTV Edmonton for news gathering between 2014 and 2020 were possibly the first to be a regular part of a North American television station's news broadcasts.



Sample of a blade and brake system from an experimental 230 kW vertical axis wind turbine (VAWT) that operated at the Iles-de-la-Madeleine, Quebec, from 1976 to 1986, an important period of VAWT research and experimentation in Canada.



Full details about
Ingenium's fiscal year
2022-2023 are in
its Annual Report,
also available on
this website.

