

## 2021-2022 Annual **Report Highlights**



Canada





# 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 at the three museums in 2021-2022: **236,147** 



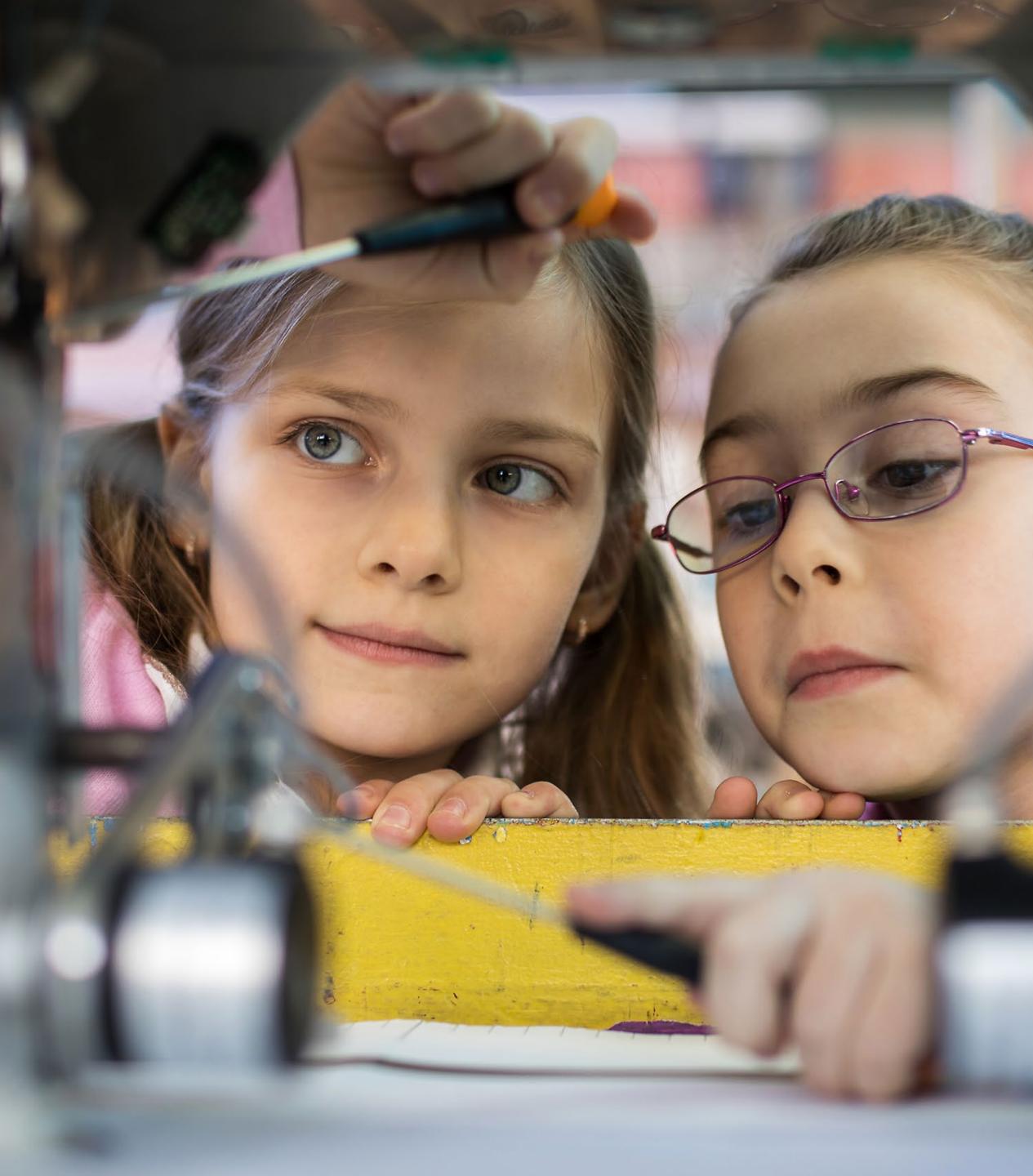
## Our 2020-2025 strategic plan goals

#### Collaborate to Innovate

#### **Access for All**

### **Strengthen our Foundations**





## Mission

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



## Harness the power of digital to connect with Canadians

Many public events and activities held online; connected with more Canadians farther away

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#### Ingenium-NSERC STEAM Horizon Award Sponsors







## Annual Ingenium-NSERC STEAM Horizon Awards online ceremony in May: five winners,









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CANADA AGRICULTURE AND FOOD MUSEUM

MUSÉE DE L'AGRICULTURE ET DE L'ALIMENTATION DU CANADA

### New exhibition Aquaculture: Farming the

Waters

#### ionusques?

Parce les consommateurs en raffolent! L'élevage de mollusques n'est pas toujours facile, mais nécessite peu de ressources. Les petites exploitations peuvent donc prospérer. Même pas besoin de nourrir les huîtres et les moules! Les élevages de mollusques génèrent des revenus pour les collectivités côtières. En plus, cette source de protéines animales est probablement la plus durable.

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Ces parca puisque les obstacle entr

et l'océan.



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#### UP IN THE AIR

The atmosphere is a thin gaseous envelope that protects all life on Earth. Satellites monitor this complex layer of gases, helping to understand everything from weather patterns to climate change.

### L'AIR, CE N'EST PAS RIEN!

L'atmosphère est une fine couche complexe de gaz qui enveloppe la Terre. Elle protège toute vie sur Terre. Les satellites surveillent l'atmosphère, ce qui permet de comprendre notamment les conditions météorologiques et le changement climatique.

Cumulonimbus clouds. This type of cloud can 1 up to the edge of the troposphere, 10 to 15 kilom above the surface of the planet. 99% of the wa vapour in the atmosphere is found in the tropospl

Canadian Space Agency, 2013

Cumulonimbus. Ce type de nuage peur s'en jusqu'à la limite de la troposphère, à 10 ou 15 kilomètres d'altitude. Environ 99 % de la vapeur d'eau dans l'atmosphère se trouve dans la troposphère.

CANADA SCIENCE AND TECHNOLOGY MUSEUM MUSÉE DES SCIENCES ET DE LA TECHNOLOGIE DU CANADA



#### asc-csa.gc.ca

New exhibition Earth in Focus: Insights from Space





### Canada Aviation and Space Museum and the National Research Council are founding partners of the non-profit Centre for Advanced Research and Training in Aviation, Mobility and Space (CARTAMS) to foster innovation, education, training, and outreach programs.



CANADA AVIATION AND SPACE MUSEUM MUSÉE DE L'AVIATION ET DE L'ESPACE DU CANADA



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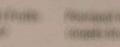


## SPACE FRONTIERS DAWN OF MARS

Access for All through developing creative digital experiences.







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CANADA SCIENCE AND TECHNOLOGY MUSEUM MUSÉE DES SCIENCES ET DE LA TECHNOLOGIE DU CANADA



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STEAM-oriented programming reached across the socio-economic spectrum in the community.



In 2021-2022, we had 15 travelling exhibitions on the move across Canada.

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Spotlight O. IN





Ingenium is committed to working with First Nations, Inuit, and Metis peoples to further develop our national collection, our programming, and our services to the public.



Híx ở cuás tgván márkován katoria k

itigàn Zibi Anishinàbeg

## Nidòndàdizimin nidjìbikànàng

Awaso nigo pibòn minigik kada kijigàbandjigàde kaye tajindàgwadon Anishinàbe inwewinan. Kidji mashkawi nàgadjitòyàng nidinwewininàn kaye nipimàdjiwowininàn ni nàskànànàn weskad ayànikàdj wendàbikising nidjibikànàn kidji ondinamàng kije kikenindàmàwin kaye kikinòwiziwin. Wenishinàbewiyàng aking nidòndàdizimin kakina kego wendinamàng àbadjitòwinan, mashkikiwan nidòndàdizimin kakina kego wendinamàng àbadjitòwinan, mashkikiwan nidòndàdizimin kakina kego wendinamàng àbadjitòwinan, mashkikiwan nidòndàdizimin ashidj kiyàbadj mashkawi pimàdizimagad nidinwewininàn. Kichi inenindàgwad kidji màmindònenindameng mashkawiziwin onzikà odjibikàng, mi wendji mashkawi mindjimikamàng nidinwewininàn ondje ogog nongom kaye pàdjimosedjig nìgàn.

page Senatery, Analogian Angeligian Program

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#### Indigenous Aquaculture: Farming for Future Generations

Sustainability lies at the heart of Indigenous cultures, languages, and practices. It reflects the idea that all living things are connected.

Indigenous farmers are practicing aquaculture in ways that respect their traditions, help their communities, and provide for the next seven generations – and beyond.

#### Aquaculture autochtone : penser aux générations futures

La durabilité est au cœur des cultures, des langues et des pratiques autochtor





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The three museums delivered more public and school programs online and virtually.





# ngenum

Despite setbacks caused by the COVID pandemic, we worked behind the scenes to improve our museums to enhance visitor enjoyment. We also launched several new exhibitions in fiscal 2021-2022.





#### CANADA AGRICULTURE AND FOOD MUSEUM

MUSÉE DE L'AGRICULTURE ET DE L'ALIMENTATION DU CANADA



**FERTILIZER CANADA** FERTILISANTS CANADA







Agriculture and Agri-Food Canada

Agriculture et Agroalimentaire Canada













Natural Resources Canada

Ressources naturelles Canada

Annual Annua Annual Annua Annual Annu





**TD Friends of the** Environment Foundation

## **New exhibition** Soil Superheroes

MEME LES SU

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hat's great to

WHY DO SOIL SU

POURQUOI LES SU FOREST OR FORET O FIELD, ME'RE NOUS SA UNDER IT ALL TOUJOU





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CANADA AVIATION AND SPACE MUSEUM

MUSÉE DE L'AVIATION ET DE L'ESPACE DU CANADA

#### LE GREATEST ASSET

SENS ANDE RICHESSE NOI

Eyes on the Skies

Air traffic management keeps Canada's skies safe, thanks to a network of complex systems, highly trained people, and cutting-edge technologies

### New exhibition

-Nubl

Eyes on the Skies: Managing Air Traffic in Canada



La gestion de la circulation aérienne assure la sécurité de l'espace aérien canadien grâce à un réseau de système complexes, de personnes hautement qualifiées et de technologies de pointe

N CANADA



### New exhibition Earth in Focus: Insights from Space



CANADA SCIENCE AND TECHNOLOGY MUSEUM MUSÉE DES SCIENCES ET DE LA TECHNOLOGIE DU CANADA



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asc-csa.gc.ca

DEALING WITH DISASTERS DEL'AIDE EN CAS DE CATASTROPHE

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## **3,358 memberships** were sold in fiscal 2021-2022.

By fiscal year end: 6,932 active Ingenium members.





Ingenium Centre is home to the national collection, and is a hub of excellence for collections care, research, and access for staff, adjunct curators, fellows, visiting scholars, and Indigenous Elders in residence.





Our national collection was strengthened with high-profile acquisitions, including a Delta Test Vehicle-3, ejection seats, and drafting table for our Avro Arrow Collection, as well as the General Sheila Hellstrom Collection, which represents her outstanding career as Canada's first female General.



Full details about Ingenium's fiscal year 2021-2022 can be found in Ingenium's Annual Report.

