

CALGARY SCIENCE CENTRE SOCIETY (TELUS SPARK)

Mission: To deliver world-renowned creative experiences with science.

Service Line: *Economic Development and Tourism*

Registered Charity

2024 City Investment

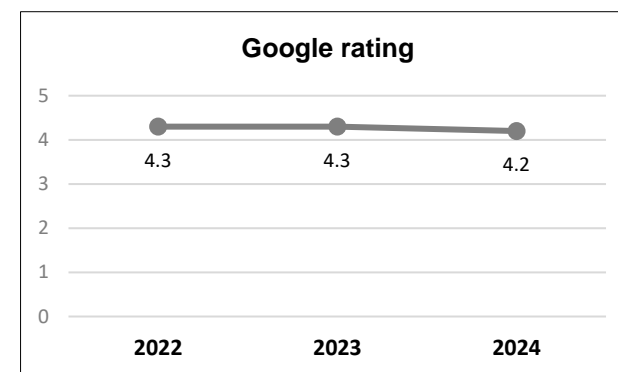
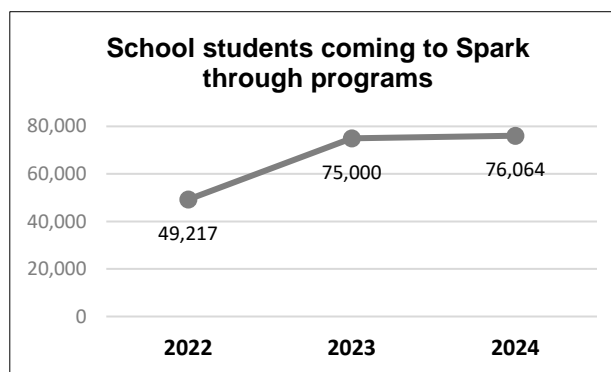
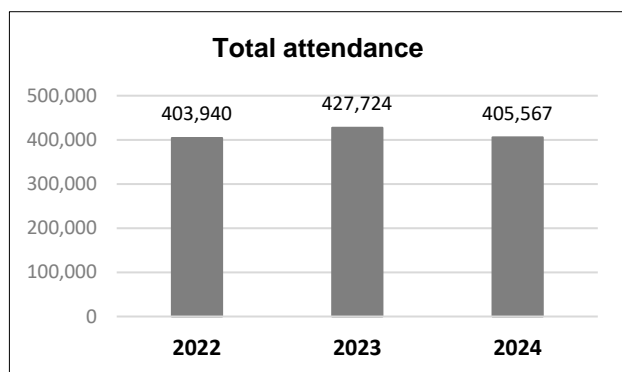
Operating Grant: \$2,783,407

Capital Grant: \$1,381,594

Capital Grant (Keep Calgary Curious): \$1,270,400

City owned asset

2024 Results



The story behind the numbers

- Attendance remains strong, reflecting TELUS Spark's role as a key science engagement hub. The temporary decrease from 2023 is due to shifts in programming and event structures, but visitor engagement remains strong with new experiences and planned programming.
- Year over year growth in total paid attendance and memberships continued to demonstrate more Calgarians enjoy TELUS Spark.
- Sustained demand and evolving guest expectations have shifted but experiential ratings remain high with a 4.2 Google rating.

Benchmarks

- TELUS Spark uses a variety of measure including School Programming Participation, Social Impact Accessibility, Net Promoter Score and others to assess their performance. Measures are reported quarterly to management and the board of directors and inform programming, operations and visitor engagement strategies to enhance guest experience.
- Examples of measures include paid attendance, media reach, school visitors, revenues, surpluses/deficits and capital fundraising results.

Looking ahead: 2025 highlights

- The first English market of a French exhibition about the science of food, *Banquet*, will be offered in both official languages and will be complimented by a special dinner series in the Digital Immersion Gallery.
- Family Science Night will welcome 1,600 guests from underserved communities.
- The BLUprint hub will be relocated outside into the Brainasium through the summer and will inspire young minds in the fields of construction, technology, and beyond in the great outdoors.



**CALGARY SCIENCE CENTRE SOCIETY
(TELUS SPARK)
2024 Civic Partner Annual Report**

Civic Partner Name: TELUS Spark Science Centre (Calgary Science Centre Society)

Legal Structure: Independent External organization (Societies Act)

Fiscal Year End: December 31

Manage/operate a City-owned asset: Yes

Mission: Spark's mission is to deliver world-renowned creative experiences with science.

1. What 3-5 key results did your organization achieve in 2024 that contributed to:

a) One or more Council Strategic Directions- economic resilience, social resilience, climate resilience?

1. Economic Resilience

- In 2024, TELUS Spark hosted 140+ corporate and industry events, supporting businesses in energy, healthcare, and technology, strengthening Calgary's reputation as an innovation hub.
- Strengthened STEAM (Science, Technology, Engineering, Art and Math) workforce development, with 45% of Spark's staff under 29 years old, providing youth employment and career-building opportunities.
- Expanded internship and employment partnerships with Calgary's Youth Employment Centre, Miskanawah, and the Centre for Newcomers, creating more entry points into STEAM careers.

2. Social Resilience

- Provided free and subsidized access to over 20,000 low-income families, newcomers, and equity-deserving groups through the Community Access Program.
- Distributed over 9,000 Fair Entry admission tickets, ensuring individuals facing financial hardship could experience Spark's immersive science programming.
- Welcomed over 13,000 new Canadians through the Canoo program, reinforcing Spark's role as a key destination for newcomers integrating into Calgary's community.
- Partnered with more than 100 community organizations to distribute complimentary admission tickets, increasing accessibility for underserved communities.
- Expanded Spark's school access program, providing fully subsidized field trips, transportation, and private science lessons to students from equity-deserving schools.
- Strengthened accessibility initiatives for neurodivergent guests, introducing additional sensory-friendly events and expanding accessibility resources.
- Partnered with Between Friends to ensure Spark remains a recognized and inclusive venue for individuals with disabilities.
- Led Indigenous Science programming, including Indigenous Science Nights and Paws, Claws & Stars, a new school program showcasing Indigenous perspectives on nature and the cosmos.
- Deepened community partnerships with the Urban Society for Aboriginal Youth (USAY), IndigeSTEAM, and Miskanawah, ensuring culturally relevant programming for Indigenous youth and families.

- Spark's Journey toward Equity, Diversity, Decolonization, and Inclusion (JEDDI) Council continues to lead staff in fostering a more inclusive workplace and visitor experience. Spark's participation in the Calgary Pride Parade reached over 100,000 individuals, reinforcing its commitment to diversity, equity, and inclusion.
- Spark actively promotes cultural awareness and inclusivity within its team, sharing over 50 internal messages on Spark's Workplace platform recognizing diverse international and national observances, sparking dialogue and engagement.
- Jen Duffy, Manager of School Science Connections, was awarded the prestigious Mayor's White Hat Award at the Tourism Calgary Awards for her leadership in creating an inclusive and welcoming experience for both guests and staff at Spark.

3. Climate Resilience

- Reduced TELUS Spark's GHG emissions through LED retrofits, automation upgrades, and energy efficiency initiatives, working toward a 5% reduction in electricity consumption by 2026.
- Expanded on-site solar power generation, with 51% of Spark's electricity needs met by renewable energy, reinforcing its commitment to sustainability.
- Completed a major lighting retrofit, upgrading outdoor scrim lighting and interior lighting systems to energy-efficient LEDs, reducing power consumption while enhancing visitor experience.
- Advanced climate education through GenAction sustainability programming, engaging over 13,000 Calgarians in hands-on science experiences focused on environmental responsibility.
- Hosted Earth Week programming, featuring workshops, expert talks, and interactive exhibits that connected visitors with real-world climate solutions.
- Strengthened waste reduction initiatives by improving recycling infrastructure and launching waste diversion education at Spark, ensuring better sorting of compost, recyclables, and landfill waste.
- Partnered with Coca-Cola to improve bottle recycling efforts, ensuring more sustainable waste management at Spark events and daily operations.
- Continued sustainability-focused school programming, engaging students in climate science and solutions-based thinking for environmental challenges.
- Reduced single-use plastics in all of Spark's food and beverage locations, transitioning to more sustainable and compostable food service materials.
- Enhanced public engagement around climate resilience through interactive science exhibits and programming focused on energy transitions, biodiversity conservation, and sustainable living.

b) Your own organization's strategy?

In 2024, TELUS Spark Science Centre focused on expanding accessibility, deepening community engagement, and driving innovation in STEAM education. By prioritizing inclusive programming, sustainability initiatives, and workforce development, Spark strengthened its role as a cultural, educational, and economic cornerstone in Calgary.

Key Strategic Priorities in 2024

- Enhancing Access & Inclusion – Strengthened the Community Access Program, providing free or subsidized admission to over 20,000 low-income families, newcomers, and equity-deserving groups, ensuring financial barriers did not prevent access to science learning.
- Expanding STEAM Education & Programming – Grew impact through expanded school programs, hands-on science experiences, and Indigenous Science programming, reaching students, educators, and the broader community.
- Investing in Workforce & Economic Growth – Remained a key player in STEAM workforce development, with 45% of employees under 29 years old and expanded employment pathways for youth.
- Advancing Climate Resilience – Progressed toward a 5% reduction in electricity consumption by 2026 through LED retrofits, energy efficiency upgrades, and solar power expansion, reinforcing Spark's sustainability leadership.
- Deepening Community Partnerships – Strengthened relationships with USAY, IndigeSTEAM, and Miskanawah to expand Indigenous programming and ensure culturally relevant engagement with underrepresented communities.
- Driving Innovation & Immersive Science Experiences – Enhanced visitor engagement through new interactive exhibits, RO5iE, and expanded programming in BLUprint and Steven's Lab, reinforcing Spark's reputation as a leader in creative STEAM engagement.

With a bold vision for accessibility, innovation, and sustainability, Spark's 2024 strategy positioned it as a dynamic, future-focused science centre, ensuring that science remains engaging, relevant, and accessible for all Calgarians.

Keep Calgary Curious: Driving Future Growth

TELUS Spark Science Centre continues to advance Keep Calgary Curious (KCC), a transformational revitalization project aimed at elevating Spark into one of the world's leading science experiences.

With a focus on:

1. Re-imagined spaces – Renovating exhibit halls to be more immersive, inclusive, and technologically advanced.
2. Innovative programming – Expanding internationally recognized science experiences.
3. Enhanced accessibility – Doubling community access and improving visitor experiences for all Calgarians.

By 2028, the Keep Calgary Curious projected is projected to:

- Attract 800,000+ visitors annually
- Generate \$34 million in economic activity
- Expand STEAM learning opportunities for 100,000+ students
- Double community access, reducing financial barriers

2. Performance measures help demonstrate the return on The City's investment in a partner's operations, and support continuous improvement. What performance measures reflect your organization's impact in 2024?

	Performance Measure Name	2022 results	2023 results	2024 results	How does this measure reflect your organization's impact?
How much did you do?	Total Attendance Number of visitors to TELUS Spark includes school groups, events, etc.	403,940	427,724	405,567	Attendance remains strong, reflecting Spark's role as a key science engagement hub. The slight dip from 2023 is due to shifts in programming and event structures, but visitor engagement remains high with new experiences like Steven's Lab and BLUprint.
How well did you do it?	Google Rating	4.3	4.3	4.2	Spark's Google Rating remains strong at 4.2, reflecting positive visitor experiences, though slightly lower than previous years due to increased attendance and evolving guest expectations.
How are Calgarians better off?	School Students coming to Spark through Programs	49,217	75,000	76,064	School program participation remained strong in 2024, with 76,064 students engaging in hands-on STEAM learning experiences, reinforcing Spark's role as a critical educational resource.

3. Are there any additional stories or information you wanted to share beyond performance measures that demonstrate the impact of your organization's programs or services?

TELUS Spark Science Centre is more than a place to learn about science—it's a catalyst for lifelong curiosity, career pathways, and unforgettable experiences. The impact of Spark's programs can be seen in the stories of those who have been inspired by its immersive, hands-on approach to STEAM learning.

In 2024, Spark welcomed Emily Marston, a Project Coordinator for the Arctic Institute of North America, as a guest speaker. Emily's career in Arctic genomics and biodiversity research was directly influenced by her first visit to Spark when she was just five years old. She described her return to Spark as a full-circle moment, presenting her team's work on environmental genomics to a new generation of young scientists. Her journey from an inspired child to a leader in her field showcases how Spark's interactive exhibits and programs cultivate a lifelong passion for discovery.

Similarly, Ryder St. Laurent, a 14-year-old volunteer at Spark, has already dedicated over 150 hours in Steven's Lab, Spark's hands-on science space. His connection to Spark began as a toddler, visiting the science centre with his mom. Those early experiences ignited his love for science and shaped his dream of pursuing a career in medical research. Now, Ryder gives back by helping younger children engage with science just like he once did. His story demonstrates the ripple effect of early exposure to STEAM—one moment of curiosity can lead to a lifetime of exploration.

But one of the biggest moments of 2024? For the first time, TELUS Spark hosted Beakerhead 2024, transforming the entire science centre into a multi-day festival of art, science, and engineering. What was once an outdoor, city-wide event came-to-life under one roof—creating an electrifying, immersive experience for over 30,000 attendees. From larger-than-life installations to hands-on workshops, Beakerhead at Spark redefined what science engagement can look like.

These stories highlight Spark's profound, long-term impact on individuals and the community. Whether sparking a lifelong love of science, shaping career pathways, or reinventing how people experience STEAM, Spark continues to push the boundaries of curiosity, creativity, and connection.

4. Does your organization use benchmarks to evaluate and improve performance and operations, and increase your organization's impact?

a) Examples of benchmarks:

- Net Promoter Score (NPS)
- School Programming Participation
- Social Impact & Accessibility
- STEAM Engagement Benchmark

b) What is your current and targeted performance in comparison to these benchmarks?

- Net Promoter Score (NPS): Spark measures visitor satisfaction against industry benchmarks. The 2024 Voice of the Visitor report by PGAV Destinations states that the average NPS for U.S. attractions is 52, while Spark maintains an NPS of 75+, placing it significantly above industry norms.
- School Programming Participation: Compared to similar institutions, Spark ranks among the top science centres in Canada, delivering STEAM programming to over 70,000 students annually, positioning itself as a critical educational resource in Alberta.
- Social Impact & Accessibility: Spark's Community Access Program provides subsidized and free admissions, ensuring equitable access. In 2024, over 20,000 individuals benefited from this program, reinforcing Spark's commitment to inclusion.
- STEAM Engagement Benchmark: Spark aims to involve at least 60% of visitors in facilitated, hands-on science experiences. In 2024, Spark exceeded this, achieving 104% of total admissions engaging in facilitated science through live shows, Steven's Lab, and BLUprint.

c) How this information is being used to support continuous improvement?

TELUS Spark Science Centre continuously refines its programming, operations, and visitor engagement strategies based on benchmark data, ensuring ongoing improvements in accessibility, educational impact, and guest experience. These benchmarks guide decision-making in key areas:

- Enhancing Visitor Experience & Satisfaction:
 - Net Promoter Score (NPS) tracking helps Spark evaluate guest satisfaction and identify areas for improvement.
 - Regular visitor feedback informs exhibit updates, interactive installations, and staff training.

- Ensuring high guest satisfaction maintains Spark's reputation as a leading science centre.
- Expanding Educational Reach & STEAM Engagement:
 - The School Programming benchmark ensures Spark remains a key resource for students and teachers.
 - Curriculum-connected school programs are refined annually based on educator feedback.
 - Expansion of hands-on science experiences in Steven's Lab, BLUprint, and live science shows ensures sustained engagement.
- Advancing Equity & Accessibility Initiatives:
 - The Community Access Program benchmark ensures Spark continues to reduce financial barriers, allowing underserved communities to engage with STEAM learning.
 - Data on usage patterns informs expansion strategies to reach even more equity-deserving groups.
- Sustaining Long-Term Growth & Innovation:
 - Monitoring STEAM Engagement rates allows Spark to adjust programming, optimize exhibit design, and explore emerging trends in science communication.
 - Continuous evaluation ensures that immersive experiences remain engaging and relevant to diverse audiences.

By actively using these benchmarks, TELUS Spark Science Centre ensures continuous growth, innovation, and accessibility, strengthening its impact on Calgary's science education landscape while maintaining high visitor satisfaction and social inclusion.

5. How does your organization address equity, diversity or inclusion, or support racial equity?

TELUS Spark Science Centre is committed to creating an inclusive, welcoming space where science is accessible to all. Spark embeds equity, diversity, inclusion, decolonization, and accessibility (JEDDI) into every aspect of its operations, from programming and employment to community partnerships and facility improvements.

Key Initiatives and Actions in 2024

- Expanding Financial Accessibility:
 - The Community Access Program provided free and subsidized admission to over 20,000 equity-deserving individuals, ensuring economic barriers do not prevent access to science education.
 - Partnerships with over 100 organizations, including Miskanawah, Between Friends, and the Calgary Immigrant Women's Association (CIWA), helped bring more diverse audiences into Spark.
- Indigenous Engagement and Reconciliation:
 - Spark's Indigenous Science programming, developed in consultation with Treaty 7 Elders and the Spark Indigenous Advisory Circle, ensures Indigenous knowledge and ways of knowing are embedded in STEAM learning.
 - Programs such as Paws, Claws & Stars and Indigenous Science Nights provided Indigenous-led education, reinforcing cultural representation in science.
 - Spark partnered with IndigeSTEAM and USAY to provide culturally relevant mentorship and STEAM engagement opportunities for Indigenous youth.

- Advancing 2SLGBTQ+ Inclusion & Representation:
 - Spark participated in the 2024 Calgary Pride Parade, reinforcing its commitment to welcoming and celebrating gender and sexual diversity.
 - The organization is pursuing Rainbow Accreditation and working with Skipping Stone to ensure policies, facilities, and programming are affirming and inclusive.
 - Staff training on gender inclusivity and allyship continues to be a key focus, ensuring visitors and employees feel safe and supported.
- Breaking Barriers in STEAM for Equity-Deserving Groups:
 - Operation Minerva connected 94 girls and gender-diverse Grade 8 students with 37 women mentors in STEAM careers, inspiring the next generation of diverse scientists and engineers.
 - Spark's JEDDI (Journey to Equity, Diversity, Decolonization & Inclusion) Council led internal initiatives, including cultural competency training and accessibility improvements across the facility.
 - Accessibility improvements included renovations to create all-gender washrooms, enhancing safety and inclusivity for all visitors.

Embedding Equity into Workforce Development

- Spark fosters a diverse workplace, with 45% of employees under 29 years old, ensuring opportunities for youth employment and leadership development.
- Partnerships with Prospect, the Youth Employment Centre, and Katimavik support equitable hiring and skill-building for newcomers, Indigenous youth, and individuals with disabilities.
- Internal learning initiatives, such as reconciliation workshops and training on unconscious bias, ensure Spark's workplace culture is continuously evolving toward greater equity and inclusion.

A Continued Commitment to Change

Equity, diversity, and inclusion are ongoing commitments, not one-time initiatives. Spark continues to listen, learn, and evolve, working alongside community partners to make science education a space where everyone belongs.

6. How is your organization advancing Indigenous Truth and Reconciliation? (For example addressing specific calls to action in the [Truth and Reconciliation Commission of Canada: Calls to Action](#) report or [The City's White Goose Flying Report](#))

TELUS Spark Science Centre is committed to meaningful, ongoing reconciliation by embedding Indigenous knowledge, representation, and leadership into its programming, partnerships, and operations. Guided by the Truth and Reconciliation Commission (TRC) Calls to Action and The City of Calgary's White Goose Flying Report, Spark actively works to amplify Indigenous voices, integrate Indigenous ways of knowing in science education, and build lasting relationships with Indigenous communities.

Key Actions in 2024

1. Elevating Indigenous Science & Representation (TRC Calls to Action #62, #65, #87, #90)
 - Indigenous Science Programming – Spark developed and expanded hands-on learning experiences that braid Indigenous knowledge with Western science, ensuring that visitors see Indigenous contributions to science, technology, and innovation.

- Paws, Claws & Stars – Spark’s newest school program connects students with Indigenous perspectives on nature and the cosmos, reinforcing the importance of land-based learning and Indigenous ecological knowledge.
- Indigenous Science Nights – Special event nights were hosted for and by Indigenous communities, featuring Elders, Knowledge Keepers, and Indigenous scientists sharing their perspectives on the natural world.

2. Building and Strengthening Indigenous Partnerships (TRC Calls to Action #92, White Goose Flying Report)

- Spark continues to be guided by the Spark Indigenous Advisory Circle, a group of Treaty 7 Elders, Knowledge Keepers, and community leaders who provide insight on Indigenous representation in exhibits, programming, and engagement strategies.
- Spark deepened relationships with Indigenous organizations, including USAY, IndigeSTEAM, and Miskanawah, ensuring that programming is community-informed and reflects the diverse perspectives of Indigenous peoples in Calgary.
- Community Collaboration – Spark co-created STEAM mentorship opportunities with Indigenous leaders and partnered with Elders to host culturally grounded science education workshops.

3. Advancing Indigenous-Led Learning & Truth-Telling (TRC Calls to Action #62, #63, #93)

- Spark continues to work towards a long-term reconciliation strategy that supports The City of Calgary’s Indigenous Relations Office and aligns with the White Goose Flying Report recommendations for cultural education and truth-telling.
- In recognition of National Day for Truth and Reconciliation (NDTR), Spark closed to the public, providing staff with a full day of Indigenous-led learning to deepen understanding of residential school history, intergenerational trauma, and Indigenous resilience.
- Internal training and guest programming included:
 - Workshops with Elders and Knowledge Keepers on Indigenous science and history.
 - Educational discussions on reconciliation and how Spark can meaningfully contribute to systemic change in STEAM education.

4. Enhancing Indigenous Representation in STEAM Careers (TRC Calls to Action #7, #9, #92)

- Spark’s JEDDI (Journey to Equity, Diversity, Decolonization & Inclusion) Council prioritizes Indigenous hiring and workforce development, ensuring more Indigenous voices are present in science education.
- Partnerships with IndigeSTEAM and USAY provided mentorship, networking, and STEAM career exposure for Indigenous youth, bridging pathways into science-based fields.
- Indigenous science presenters and cultural educators were prioritized for guest speaker engagements, ensuring Indigenous leadership in Spark’s science storytelling.

Spark recognizes that reconciliation is a continuous process requiring active listening, relationship-building, and long-term action. In 2024, Spark deepened its role as a leader in Indigenous science engagement, ensuring that Indigenous knowledge, ways of knowing, and cultural perspectives are celebrated, respected, and woven into the very fabric of the science centre.

RESOURCES

7. Please estimate how The City's operating funding was allocated in 2024.

%	Advertising and promotion
%	Programs or services
3%	Office supplies and expenses
%	Professional and consulting fees
51%	Staff compensation, development and training
%	Fund development
26%	Purchased supplies and assets
20%	Facility maintenance
%	Evaluation or Research
%	<i>Other, please name:</i>

8. Did volunteers support your operations in 2024? (including board and committee members)

How many volunteers?	101
Estimated total hours provided by volunteers:	4,451.5

9. Did your organization receive any awards or recognition in 2024, or have any client or participant feedback that you want to highlight?

TELUS Spark Science Centre was recognized for its excellence in science engagement, visitor experience, and culinary creativity in 2024.

- **Mayor's White Hat Award** – Jen Duffy, Manager of Spark's School Science Connections, received the Mayor's White Hat Award in the category of Exceptional Service in the Attractions sector. This award recognizes individuals who go above and beyond to make Calgary a welcoming and engaging city for visitors. Jen's leadership in ensuring inclusive and engaging science programming for students of all backgrounds was celebrated as a model for excellence.
- **CASC Lifetime Achievement Award** – Donna Kipta, a longtime contributor to science education, was honored with the Canadian Association of Science Centres (CASC) Lifetime Achievement Award in 2024. This prestigious award recognizes her decades of dedication to science engagement, education, and museum operations. Donna's impact on Spark and the broader science centre community has been instrumental in shaping innovative and accessible STEAM programming.
- **YYC Hot Chocolate Festival Winner for Most Creative** – The TELUS Spark Food & Beverage Team took home the "Most Creative" award in the 2024 YYC Hot Chocolate Festival for their Bon Voyage Hot Chocolate. This innovative, science-inspired creation featured flavors designed to transport taste buds on an intergalactic journey. The win highlighted Spark's ability to merge science and creativity—even in culinary arts.

These awards and stories illustrate Spark's ongoing impact—not just as a science centre, but as a place that inspires careers, fosters inclusion, and delivers world-class experiences.

TELUS Spark Science Centre is a hub for curiosity, career inspiration, and lifelong learning. In 2024, visitors, volunteers, and community members shared powerful testimonials about Spark's lasting impact.

- **Tourism Impact** - Spark's ability to create world-class science experiences was recognized by Tourism Calgary, which highlighted Spark as a key destination for visitors and a contributor to Calgary's growing reputation as a city of innovation and culture.

10. How did your organization address climate change in 2024, for example, operational or program changes that reduced greenhouse gas emissions (GHG), air/water pollution, or waste that aligned with [The City's Climate Change Program](#) including Council's Climate Emergency Declaration?

In 2024, TELUS Spark Science Centre took significant steps to address climate change through operational upgrades, energy efficiency projects, and sustainability-focused programming, aligning with The City's Climate Emergency Declaration.

Operational Sustainability Initiatives:

- Reduced greenhouse gas (GHG) emissions through major LED retrofits, automation upgrades, and energy efficiency improvements, contributing to Spark's goal of a 5% reduction in electricity consumption by 2026.
- Expanded the impact of on-site solar power, with 51% of Spark's electricity needs met by renewable energy sources.
- Upgraded outdoor scrim lighting and interior lighting systems to energy-efficient LEDs, reducing power consumption while enhancing visitor experience.
- Strengthened waste reduction initiatives, improving recycling infrastructure and launching enhanced waste diversion education for guests and staff.
- Partnered with Coca-Cola to improve bottle recycling efforts, ensuring better waste management at Spark events and daily operations.
- Reduced single-use plastics in Spark's food and beverage locations, transitioning to more sustainable and compostable service materials.
- Expanded GenAction climate science programming, engaging over 13,000 Calgarians in sustainability-focused hands-on science experiences.
- Hosted Earth Week programming, featuring expert talks, interactive workshops, and exhibits that connected visitors with real-world climate solutions.

By embedding sustainability into daily operations, expanding educational initiatives, and fostering public engagement on climate action, TELUS Spark continues to be a driving force in Calgary's climate resilience efforts.

11. Are there any projects, initiatives or plans for 2024 that you want to briefly highlight?

- **Launch of BLUprint: The Science Behind Skilled Trades** – In 2024, Spark introduced BLUprint, an interactive space dedicated to showcasing the science behind skilled trades, including electrical work, welding, and construction. This first-of-its-kind initiative connects youth with real-world applications of STEAM, inspiring future careers in Alberta's high-demand industries.
- **Beakerhead at Spark** – For the first time, Beakerhead was hosted entirely at TELUS Spark, transforming the science centre into an electrifying festival of art, science, and engineering. This immersive, multi-day experience attracted over 30,000 visitors, making it one of the most high-impact science and creativity events in Calgary.

- Opening of Steven's Lab – Spark launched Steven's Lab in 2024, a dynamic hands-on tinkering space designed to ignite curiosity through experimentation. Since its debut, over 73,500 guests have engaged in interactive science experiences, making it one of Spark's most popular new additions. The space fosters creativity, problem-solving, and innovation, reinforcing Spark's role as a leader in experiential STEAM learning.

THE FOLLOWING SECTION IS FOR CIVIC PARTNERS MANAGING CITY-OWNED ASSETS

12. CAPITAL PROJECTS AND ASSET MANAGEMENT

Asset: *TELUS Spark Science Centre*

a) How did you use The City's capital funding in 2024?

Project	City Funding (2024)	Benefit (service improvement, efficiency, improved condition)
Building automated lighting system (carryover from 2023)	\$22,985	Service improvement
Parking lot repainting	\$6,983	Improved condition
Security system hardware and software (carryover)	\$5,905	Service improvement
Headend AV system	\$4,360	Service improvement
Access door controls replacement (carryover)	\$11,629	Service improvement
Sanitation line flush	\$10,500	Improved condition
Grease interceptors	\$57,955	Improved condition
Staff accessibility and parking lot repairs	\$10,140	Improved condition - accessibility
Methane sensors and VFDs	\$130,876	Service improvement
Exterior LED wall-wash scrim lighting	\$253,930	Efficiency and improved condition
Security systems upgrades	\$61,890	Service improvement
Special needs changing station	\$3,961	Service improvement - accessibility
IT upgrades	\$62,352	Improved condition
Low-waste sorting station	\$15,500	Efficiency and service improvement
Learning Centre furniture	\$64,164	Improved condition
Door hardware	\$3,992	Improved condition
Lift	\$39,400	Service improvement
Custodial equipment	\$158,357	Service improvement
Water bottle fillers	\$32,159	Service improvement
HVAC rebalancing and energy audit	\$51,105	Improved condition
Universal washrooms – design drawings	\$23,310	Service improvement - accessibility
Production Shop technology	\$7,599	Service improvement
Open Minds upper cabinets	\$6,759	Improved condition
AV upgrades	\$3,673	Improved condition
2023 projects finalization – data room (carryover)	\$30,558	Improved condition
Where We Gather upgrades	\$95,841	Service improvement

Kitchen equipment (ice machine, coolers, others)	\$24,326	Improved condition
Elder's Room and Multi-Faith Quiet Space	\$894	Service improvement
Cistern repairs	\$38,837	Improved condition
Washroom upgrades	\$11,633	Improved condition
Furniture upgrades	\$10,410	Service improvement
Grounds upgrades	\$29,230	Improved condition
PM resources	\$90,381	Project support