

NOTICE: TRCA's Planning Desk is now open for in-person Planning and Permits enquiries at 5 Shoreham Drive, Toronto. We recommend that you [book a consultation with our planning staff](https://trca.ca/planning-permits/contact-information/)(<https://trca.ca/planning-permits/contact-information/>) in advance by phone.



CONSERVATION CONNECTIONS: TRCA 2023 ANNUAL REPORT

LAND ACKNOWLEDGEMENT

We respectfully acknowledge the lands we are situated on are Traditional Territories and Treaty Lands, in particular those of the Mississaugas of the Credit, as well as the Anishinaabe of the Williams Treaty First Nations, the Huron-Wendat, the Haudenosaunee, and are now home to many diverse First Nations, Inuit and Métis peoples. Toronto and Region Conservation Authority (TRCA) appreciates and respects the history and diversity of the land and is grateful to have the opportunity to work and meet in this territory.

TRCA'S VISION, MISSION, AND CORE VALUES

VISION

The achievement of safe and resilient communities.

MISSION

The provincial leader in conserving, restoring and managing natural resources to advance safe and sustainable development.

CORE VALUES

Working with government and the communities we serve to achieve collective impact and advance shared goals.

INTEGRITY

COLLABORATION

ACCOUNTABILITY

RESPECT

EXCELLENCE

It is with great pleasure that we present Toronto and Region Conservation Authority's (TRCA's) 2023 Annual Report: *Conservation Connections*. This report is a reflection on some of the remarkable achievements that have shaped our collective journey over the past year. It also provides a snapshot of some of the shared successes we have celebrated together with the support of our partners and communities along the way.

The stories in the 2023 Annual Report capture some of the amazing accomplishments of TRCA and our partners in tackling complex climate change and growth and development issues within the watersheds of our rapidly developing region. At our core, TRCA is a convenor and connector: we bring government, businesses, neighbourhoods, and individuals together to better understand

challenges and to realize a shared vision for safer, more resilient communities. So, with that in mind, these are not just our stories, they are your stories as well and we hope that you see some of you and your community in them.

It can be said that no success stands alone, which is an essential element of TRCA, as there is nothing we do that isn't through some form of partnership, be it with you, government, businesses, networks, agencies and other institutions. So, we thank you for being an integral part of this journey with TRCA. While advancements on complex regional environmental issues and initiatives can take years, and even generations, to realize, successes and accomplishments like those referenced above and throughout this 2023 Annual Report, both large and small, are all part of a continuum of progress as we work towards our shared vision of safer, more resilient communities.

Sincerely,

Paul Ainslie

Chair, TRCA Board of Directors

Dave Barton

Vice-Chair, TRCA Board of Directors

John MacKenzie

Chief Executive Officer

2023 KEY HIGHLIGHTS

Connecting To Safety and Security:

As the region's first line of defence against natural hazards, addressing flood risk and vulnerability is TRCA's number one concern. Following three years of consultation, engagement and design, TRCA and our partners at the City of Toronto completed the **Rockcliffe-Smythe Class Environmental Assessment**

(<https://trca.ca/conservation/infrastructure-projects/black-creek-environmental-assessment/>).

This sets the stage for the implementation of measures within this segment of the Black Creek tributary of the Humber River that will minimize and reduce the risk of riverine flooding in the Rockcliffe-Smythe community.

Connecting People:

Building on the already robust amenities, attractions and offerings at Bruce's Mill Conservation Park, TRCA opened The **Nature Centre at Bruce's Mill** (<https://trca.ca/news/bruces-mill-nature-centre/>) in March of 2023. As part of an expanding network of TRCA-operated learning centres distributed across TRCA's nine watersheds, The Nature Centre at Bruce's Mill will meet the needs of growing communities in Markham, Stouffville, and Richmond Hill by providing innovative, nature-based learning, wellness, and recreation programs. TRCA has launched three new nature centres in the last three years, the first new TRCA-operated learning centres opened in over 40 years.

Connecting Knowledge:

This year, significant progress was made on the development of two updated watershed plans. The **Etobicoke Creek Watershed Plan** (<https://trca.ca/conservation/watershed-management/etobicoke-creek-watershed-plan/>) was released for public input in the fall, while the current conditions characterization for the **Humber River Watershed Plan** (<https://trca.ca/conservation/watershed-management/humber-river-watershed-plan/>) was completed. In the case of the Humber River Watershed Plan, this is particularly significant as it provides the framework for future work by TRCA and our partners in advancing and improving the overall watershed health of the Greater Toronto Area's only **Canadian Heritage River** (<https://trca.ca/conservation/watershed-management/humber-river/#chr>). As science-based, stakeholder-informed, and partner-endorsed comprehensive blueprints for watershed planning, management, and action, watershed plans form the backbone of our work as a conservation authority.

Connecting Communities:

TRCA's safe, off-road trail network links neighbourhoods, workplaces, transit, and nature. In 2023 we completed 3.7 km of the **Claireville North Multi Use Trail** (<https://trca.ca/news/claireville-north-multi-use-trail-brampton/>) in Brampton, the highly

anticipated **2 km Highland Creek connection in the Meadoway**

(<https://trca.ca/news/meadoway-trail-connection-highland-creek/>) in Scarborough, and a **0.6 km** connection in Richmond Hill's **Oak Ridges Corridor Conservation Reserve**

(<https://trca.ca/parks/oak-ridges-corridor-conservation-reserve/#macleod-estate>). These projects are just three examples of how we are building on our **500 km** of existing trails by leveraging investments from all levels of government, including **\$10M** from the Canada Community Revitalization Fund, to build safe, active transportation systems into our GTA communities.

The official opening of the Claireville Multi-Use Trail. Left to right: L-R: Rod Power, Brampton City Councillor, Wards 7 & 8; Patrick Brown, Mayor of Brampton; Maninder Sidhu, Member of Parliament for Brampton East; Rowena Santos, Brampton City Councillor, Wards 1 & 5, and Member, TRCA Board of Directors; and John MacKenzie, Chief Executive Officer, TRCA. Photo courtesy of City of Brampton.

Connecting the Past to the Future:

Finally, a new **12-year Strategic Plan**(<https://trca.ca/about/governance-reports/strategic-plan/>) was launched in January of this year to both mark a new era in conservation and build on an almost 70-year history of protecting, restoring, and enhancing our region's natural resources. This new TRCA Strategic Plan guides the delivery of our entire suite of programs and services while establishing a future-forward vision of safe and sustainable development. This new Strategic Plan will better measure and share impact both within this annual report and in future reports.

(<https://trcaca.s3.ca-central-1.amazonaws.com/app/uploads/2022/12/21114913/2373-TRCAStratPlan2023-2034-FA-dec.pdf>)

EXPLORE THE 2023 ANNUAL REPORT

*Toronto and Region Conservation Authority's (TRCA) 2023 Annual Report is organized around four strategic pillars, reflecting the structure of our **2023-2034 Strategic Plan** (<https://trca.ca/about/governance-reports/strategic-plan/>). Select the pillars*

below and the numbered performance measurements associated with each to view TRCA's progress towards its goals in 2023.

PILLAR 1 | Environmental Protection and Hazard Management

1.1 Deliver provincially mandated services pertaining to natural hazards including flood and erosion

1.2 Leadership in greenspace conservation

1.3 Maintain healthy and resilient watershed ecosystems in the face of a changing climate

1.4 Balance development and growth to protect the natural environment ensuring safe sustainable development

PILLAR 2 | Knowledge Economy

2.1 Research and development that drives innovation and climate-based solutions

2.2 Collaboration to advance a green transition

2.3 Advocacy and adaptability in the face of policy pressures

2.4 Integrate environmental considerations and science into decision making

PILLAR 3 | Community Prosperity

3.1 Connect communities to nature and greenspace

3.2 A culture of diversity, equity and inclusion contributing to community wellbeing

3.3 Informed citizens are conservation champions

3.4 Inspired communities take environmental action

PILLAR 4 | Service Excellence

4.1 A strong and skilled workforce

4.2 Provide and manage an efficient and adaptable organization

4.3 Responsive relationships and a trusted brand with a reputation for excellence

4.4 Transparent decision making and accountable results

GOAL: Mitigating hazard risks to communities and protecting the natural environment

The Path to Flood Safety

With support of the City of Toronto and Federal government, for three years **150** members from the Rockcliffe-Smythe community of Toronto – TRCA's #1 most flood-vulnerable area – worked with the City and TRCA to produce a plan that includes: **4** bridges, **1.9 km** of flood control channel, and other infrastructure improvements. Once built, **400** properties and **2,270** people living and working in the community will enjoy reduced flood risk on **46 ha** of urban land. TRCA has been supporting the City to begin engineering and permitting work for the first stage of the project in 2024.

In-House Flood Mapping Expertise

Two floodplain mapping extension projects within the Etobicoke Creek and Humber River watersheds in Peel were completed this year. Both projects incorporated high resolution data (Lidar), in-house developed land use mapping, building footprints, and water crossing data from the Region of Peel, the cities of Brampton and Mississauga, and the Town of Caledon. **111** new flood plain map sheets and **5** models were developed to support TRCA's regulation limit, municipal land use, emergency management, and infrastructure plans. To date, **98%** of TRCA flood plain mapping has been updated within the 10-year cycle.

2023 PROJECTS

- **Broadview and Eastern Flood Protection:** Detailed design work **60%** complete, and TRCA is supporting to the City Toronto and Province through technical permit reviews. This work is a catalyst for the East Harbour Development and major transit investments to enable safe and sustainable communities.
- **Hazelwood Park South (Brampton):** Implementation initiated at three sites to address two critical priorities.
- **Brampton Riverwalk (Brampton):** Design and modelling support to the City of Brampton for the detailed design phase.

- **Completed Infrastructure Protection Projects:** Prince of Wales Park, Gibraltar Point (Toronto), German Mills Creek (Richmond Hill), Humber River Sanitary Protection (Vaughan).

1.1 Deliver provincially mandated services pertaining to natural hazards including flood and erosion

TRCA provides provincially mandated services pertaining to natural hazards including flood and erosion monitoring and risk management.

Flood Infrastructure

Operate and maintain **12** dams, **6** dikes, and **9** channels. All dams have current operation, maintenance, and surveillance manuals, and **11** have current safety reviews. All **7** of the high or very high hazard dams have current emergency preparedness and response plans. Repairs to the Claireville Dam Wing Wall are **100%** completed.

Reducing Flood Risk

Conducted vegetation and sediment removal operations on **1.5 km** of the Scarlet Channel and slope maintenance on G. Ross Lord, Osler, and Palgrave Dams, and Bolton and Pickering Berms. This maintenance makes it easier for water to flow and reduces the risk of flooding.

Erosion Risk Management

2.1 linear km of valley and shoreline have been stabilized at **14** high priority sites.

Improved risk mapping through new remote sensing data acquisition in regulated areas. **88.7%** of Erosion Control Structures are in acceptable condition throughout the jurisdiction.

Flood Risk Identification

29 rain gauges and **22** monthly inspected operational stream gauges form part of TRCA's water management system. New monitoring cameras installed at Palgrave Dam and Stouffville Dam bring the total to **10** locations with video coverage.

100% of the jurisdiction covered by current hydrologic modelling, underpinned through the management and dissemination of **97** flood line maps.

Documented **77%** of flood control channels that have maximized paths for the effective flow of water, with 2024 maintenance scheduled to return to **100%** capacity.

Flood Risk Warning

The Deltares Flood Early Warning System (FEWS) state of the art decision-support tool implementation is on track to launch in 2024. As part of the Daily Planning Cycle process, the people and property of Toronto and Region will be under the most timely and accurate system to deliver flood forecasting messages to date.

INSPECTIONS AND WARNINGS

GIBRALTAR POINT

Gibraltar Point, a stunning part of the Toronto Islands, now benefits from **1 km** of nature-based erosion mitigation shoreline restoration. A nearshore reef was created and a **2 ha** sand dune system was restored for long-term protection of the Toronto Islands resulting in enhanced biodiversity.

Before

After

1.2 Leadership in greenspace conservation

TRCA protects and manages natural heritage systems throughout its jurisdiction by ensuring safe operation and access, site protection and maintenance, ecosystem protection, and unmatched visitor experiences.

Service Standards

Leading-edge management practices on all TRCA lands through modernized service level standards advanced significantly in 2023. This work ensures ongoing leadership using industry benchmarks that conserve ecological function while offering safe, accessible, and enjoyable visitor access where appropriate. Of all TRCA lands, **20%** are used for active recreation (including TRCA Parks and Nature Centres), **52%** are for passive recreation (lands with trails intended for public use), and **28%** are management areas primarily for hazard or ecological considerations with limited access.

Supporting Connections

TRCA supports collective impacts in conservation initiatives. In 2023 this included planning for the new Uxbridge Provincial Park, land management agreements with the Federal government for the Rouge National Urban Park, collaboration across agencies including Waterfront Toronto and Hydro One, and many partner municipality-led projects across all TRCA watersheds.

Land Acquired

7.81 ha of land acquired throughout **9** parcels across the jurisdiction, fulfilling the goals of the Greenlands Acquisition Project 2021-2030. Land is secured through various mechanisms and municipal partnerships resulting in benefits for the environment and communities.

Works at the Waterfront

Expertise in shoreline management has positioned TRCA as a key partner in planning, design, and project implementation across the Toronto waterfront. Partnership initiatives like the **Scarborough Waterfront Project**

(<https://trca.ca/conservation/infrastructure-projects/scarborough-waterfront-project/>) and the **Ashbridges Bay Landform Project**

(<https://trca.ca/conservation/infrastructure-projects/ashbridges-bay-erosion-sediment-control-project/>)

are examples of TRCA-led, multi-faceted shoreline works providing protection of natural and cultural features, while supporting the enhancement of public access to greenspace.

LAKE ONTARIO SHORELINE WEST OF FRENCHMAN'S BAY

Restoration of the regionally significant Frenchman's Bay, a coastal wetland in Pickering, now ensures a safe and secure shoreline.

Before

After

1.3 Maintain healthy and resilient watershed ecosystems in the face of a changing climate

TRCA implements effective, targeted programs that improve watershed health and resilience through ongoing monitoring and assessment of natural resources within its jurisdiction.

Humber River Watershed Plan

The **Humber River Watershed Plan**

(<https://trca.ca/conservation/watershed-management/humber-river-watershed-plan/>) is roughly halfway through the watershed planning process. Stage 1 involved project scoping and preparation (completed in 2022) and Stage 2 included characterizing current conditions of the watershed (completed in 2023).

A Watershed Characterization Report outlining the key findings on the current conditions and trends was published and key messages were shared broadly in Fall 2023.

20+ years of TRCA's monitoring data, **35** reviews and technical reports, and **2** academic research partnerships were used to generate this knowledge base.

Etobicoke Creek Watershed Plan

Preparation of the draft **Etobicoke Creek Watershed Plan**

(<https://trca.ca/conservation/watershed-management/etobicoke-creek-watershed-plan/>) was

completed in collaboration with our partner municipalities, Mississaugas of the Credit First Nation, and Greater Toronto Airports Authority. The draft plan's summer release used a new online interactive webpage and map viewer for easy info access.

300+ members of the public engaged through **2** webinars, **2** open houses, various community events, and through an online comment form.

15+ decision makers participated in the Fall Watershed Tour, visiting **3** key locations. Each site highlighted critical issues related to flood and erosion risks, stormwater management, and ecosystem restoration.

BROCK NORTH

Progress in implementing a headwater wetland complex and restoring ecological function and resilience on the Brock Lands, a former landfill site in the town of Ajax and City of Pickering within the Duffins Creek Watershed. This type of work supports overall watershed health.

Before

After

Longevity Counts

TRCA's commitment to protecting, enhancing, and restoring ecosystems across our jurisdiction would be impossible without scientific data collection and knowledge gathered through TRCA's applied research initiatives, monitoring, and inventories.

This year we celebrate the following:

34 years of collecting fish and aquatic data along TRCA's waterfront. Data collection methods have evolved to support the **Toronto and Region Remedial Action Plan**(<https://torontorap.ca/>). This long dataset is highly sought-after by researchers and agency partners to help inform shoreline

management and major waterfront projects.

23 consecutive years for Toronto Region's Regional Watershed Monitoring Program (RWMP) using standard protocols (data on stream fish, benthic invertebrates, surface and groundwater quality, birds, frogs, toads, and vegetation).

15 years for terrestrial long-term monitoring, which was added to the RWMP in 2008 to enhance the biological inventory work by enabling the assessment of long-term conditions and trends.

Restoration Success

TRCA assessed **154** past restoration initiatives and determined **83%** are meeting or exceeding industry-leading standardized quality targets – indicating a successful restoration trajectory.

Success Through Partnerships

Strong partnerships make for strong communities, and 2023 was an amazing year for building and achieving excellent ecological restoration in all of our watersheds. A variety of work was executed including: wetlands projects with Ducks Unlimited and Hydro One, stream restoration with the City of Brampton, natural cover restoration with Forests Ontario, Trees for Life, Peel, York, and Durham Region along with Richmond Hill, Markham, Mississauga, Toronto, King township, and more.

KEY HIGHLIGHTS

TRCA implemented over **392** restoration, resource management, and stewardship projects across our jurisdiction.

1.4 Balance development and growth to protect the natural environment ensuring safe sustainable development

TRCA ensures safe and sustainable development throughout its jurisdiction to protect communities and the natural environment to minimize impacts to greenspace and infrastructure, ensure flood protection and remediation and maximize benefits for communities

Planning and Permit Applications

Issued **1,382** permits, **90%** which met or exceeded minimum mandated timelines. TRCA also reviewed and commented on **1,187** planning and concept applications.

Project Permits

Reviewed **44** new Environmental Assessments (EAs) and *Planning Act* applications, issued **475** permits and **19** Voluntary Project Review letters.

Ontario Lands Tribunal

Involved in **21** Ontario Land Tribunal cases and **6** appeals were settled or are close to settling, reducing the caseload from **21** to **15**.

Adapting to Legislation

In responding to various legislative and process changes which came into effect in January 2023, TRCA teams were able to adapt quickly and continue to support our municipal partners. By weaving TRCA's science, institutional knowledge, and expertise into meaningful responses on a variety of initiatives, municipalities and applicants experienced continuity in service delivery and quality work while implementing multiple changes on the ground on new and ongoing development projects.

Review Role

TRCA reviewed and commented on **48** municipal planning documents circulated by municipal staff and **24** provincial or federal legislative, policy, or technical guideline initiatives to advocate for TRCA interests, to offer our implementation expertise, help reconcile conflicts, and achieve shared objectives.

ENFORCEMENT AND COMPLIANCE

**GOAL: Contributing to environmental targets through
knowledge advancement**

Partners in Project Green Milestone

Established by TRCA in partnership with Toronto Pearson, **Partners in Project Green (PPG)**(<https://partnersinprojectgreen.com/>) is an innovative sustainability program centered around a community of organizational leaders committed to advancing environmental action and economic prosperity across the GTA.

A special anniversary event was held on October 19, 2023 to **celebrate 15 years of PPG** (<https://partnersinprojectgreen.com/blog/partners-in-project-green-celebrates-15-years/>) and showcase the program's remarkable accomplishments in creating a sustainable future for the GTA.

Attendees comprising businesses, government, institutions, and utilities networked and gained valuable insights from industry leaders focused on advancing social and environmental sustainability through knowledge sharing, technology, and infrastructure implementation.

The day was capped off by remarks from keynote speaker Paul Klein, an advocate for transformative change and author of *Change for Good*.

Above left: Attendees gather to celebrate PPG's 15th anniversary.

Above right: Carolyn King of the Mississaugas of the Credit First Nation addresses the gathering.

2.1 Research and development that drives innovation and climate-based solutions

TRCA demonstrates leadership in sustainability efforts by identifying and developing best-practice and policy for climate change.

Collaborative Research

45 collaborative research initiatives undertaken with many partners, such as: Toronto Metropolitan University, McMaster University, Ontario Tech University, University of Toronto, University of Guelph, University of Waterloo, Trent University, and Carleton University.

6 scientific publications covering priority issues of salt, phosphorus loading, water quality of coastal wetlands, ecosystem analysis, modelling, mitigation, and restoration techniques. Publications included the *Journal of Great Lakes Research*, *Ecogeography*, *Hydrobiologia*, *Wetlands*, *Ecological Solutions and Evidence*, and through the Canadian Science Advisory Secretariat.

New Technologies

TRCA guidance on sustainable technologies is referenced in **97** municipal plans and programs.

Trcagauging.ca(<https://trcagauging.ca/>) is a newly enhanced flood monitoring website that displays real time precipitation and water level measurements for our jurisdiction. Used internally and available publicly – anyone can now look up their local conditions, anytime.

17 green infrastructure sites monitored and inspected with partner municipalities.

Knowledge Sharing

Participated in **240** knowledge sharing events including:

- Co-hosted a session with the Climate Risk Institute.
 - Led a climate change adaptation workshop.
 - Developed modules to support Asset Management Ontario.
 - Hosted **9** training sessions and workshops with **1,470** participants on topics including erosion and sediment control, underground infiltration, low impact development, and others.
 - Hosted or presented **14** sessions at the **International Association of Great Lakes Research** (<https://trca.ca/news/iaglr-2023-research-presentations/>) conference.
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VISUALIZING LOCAL CLIMATE TRENDS

If a picture says a thousand words, effective use of data visualization is like an entire library! This year TRCA worked to show 180 years worth of changing climate trends in the Toronto region. Local data back to 1840 was used to highlight variations in temperature (red as warmer, and blue as cooler than average years) and precipitation (green as wetter-than-average and brown drier-than-average years). When the scale and intensity of climate changes are understood, we are better equipped to make the right decisions for our future.

TEMPERATURE

PRECIPITATION

2.2 Collaboration to advance a green transition

TRCA works with business and industry partners to inform sustainability initiatives that drive the adoption of green technologies through engagement.

JIM TOVEY LAKEVIEW CONSERVATION AREA PROGRESS UPDATE

In partnership with CVC, Peel, and Mississauga, TRCA is advancing this legacy project.

Using root wads, boulders, and submerged rock reefs to create new habitat for fish and wildlife, **121 m** of Middle Island's shoreline and **131 m** of South Island's shoreline were completed.

This milestone is on top of:

- An additional **700 m** of Serson Creek and **200 m** of Applewood Creek.
- **36K** trees and **76K** plants to form part of the **4.4 ha** of new meadow and **6.1 ha** of new wetland created.
- **1.48M** cubic metres of fill and **262K** cubic meters of construction rubble from local sources in Peel Region – further reducing emissions impacts through local circularity

15 Years Young

Impacts of the 15-year-old Partners in Project Green (PPG) program dedicated to advancing environmental action and economic prosperity across the Greater Toronto Area (GTA) are achieved through **64** members, along with community participants. In 2023, **12** different events were held to continue to foster knowledge and action lasting change.

Source To Stream Makes a Successful Return

Following a three-year hiatus, TRCA and partners welcomed nearly **800** delegates to an in-person **Source to Stream Conference**(<https://sourcetostream.com/>) – Canada’s premier event for stormwater, erosion, and sediment control professionals. A new industry sponsorship initiative with AECOM opened opportunities for new immigrants to Canada to network and engage at no cost.

Driving Heat Pump Adoption

- **7** case studies, **5** homeowner testimonial videos, and **28** webinars, conference, and community presentations reaching over **2K** participants helped to drive the adoption of this green technology.
- Partner collaboration through the Heating, Refrigeration and Air Conditioning Institute of Canada, Clean Air Partnership, Green Communities Canada, and the Association of Municipalities of Ontario (AMO), along with partner municipalities and resident groups in Peel and Durham, Halton Hills, and King helped to facilitate engagement.
- The Toronto Star, Chatelaine Magazine, and other coverage of TRCA’s heat pump expertise helped to drive more than **10K** views to the TRCA webpage **[SmarterHomeHeating.ca](#)**

(<https://sustainabletechnologies.ca/home/heating-and-cooling/air-source-heat-pumps/smarter-home-heating/>)

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- Collaboration with Natural Resources Canada on a sizing and selection tool for use by contractors is supported by ongoing monitoring of various units, advancing science-backed evaluation for success.

2.3 Advocacy and adaptability in the face of policy pressures

TRCA remains committed to providing stakeholders with the best available science-based information to inform and guide external policy initiatives.

Easy Access to Eco Knowledge

TRCA's **[Watershed and Ecosystems Reporting Hub](https://storymaps.arcgis.com/collections/8c517b063c81449d8fba71ca02d4278f)**

(<https://storymaps.arcgis.com/collections/8c517b063c81449d8fba71ca02d4278f>) is a valuable one-stop shop that puts information on the state of the environment in local watersheds at your fingertips. Updates this year include:

- Water quality indicator data trends from **47** stations displayed in an interactive format.
- A newly developed regional approach to identify and display natural heritage areas that meet the Province's Significant Wildlife Habitat criteria, including through updated mapping tools.
- A video summary of the remarkable progress towards making Lake Ontario's nearshore environment drinkable, fishable, and swimmable through the Remedial Action Plans and significant partner collaboration was produced in celebration of these amazing accomplishments.

Regulated Area Map Tool

With **52K** pageviews, TRCA's **Regulated Area Search Tool**

(<https://trca.ca/planning-permits/regulated-area-search-v3/>) – which allows home and property owners to determine if a property is located within a TRCA Regulated Area – saw **38%** of all Planning and Development webpage visits.

Knowledge Sharing

Shared TRCA-generated scientific knowledge through **54** partnerships, collaborations, and by providing technical support to partner municipalities.

Newly Created

Generated **1,625** new and updated data layers, including:

- **23** updated datasets from ongoing monitoring programs.

- **1,562** new climate variable data layers.
 - **27** new Significant Wildlife Habitat data layers.
 - **18** new Ecosystem Service Valuation Study data layers.
 - **5** new Nature-Based Solutions Siting tool data layers.
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Adapting Together

For safe and resilient development within the jurisdiction, TRCA participated in **35** policy planning-related workshops, helping partners understand how TRCA could continue to support and improve sustainability and resilience while maintaining consistency with legislated roles and responsibilities.

2.4 Integrate environmental considerations and science into decision making

TRCA provides partner municipalities with industry-leading science.

Sustainability Journey to Net Zero

In partnership with the Mississauga Board of Trade and the City of Mississauga, TRCA's Partners in Project Green launched the **Mississauga Climate Leaders Program** (<https://partnersinprojectgreen.com/mississauga-climate-leaders-program/>) to help local businesses reduce greenhouse gas emissions and advance corporate sustainability goals. The initial cohort of **18** trailblazing organizations kicked off training in November to advance energy savings through efficiency gains.

An expanded **GreenBiz Caledon Resource Hub**

(<https://partnersinprojectgreen.com/greenbiz-resource-hub/>), developed in partnership with the Town of Caledon, now benefits sustainability-seeking organizations. The **Circular Economy Leaders Consortium**(<https://partnersinprojectgreen.com/programs/circular-economy-leaders-consortium/>) continued to advance zero-waste goals through its network of like-minded sustainability professionals.

Land to Lake Initiative

Bringing together **7** Conservation Authorities and **35** municipalities, the Land to Lake Initiative was created through Environment and Climate Change Canada funding to help implement land-based actions to improve water quality and ecosystem health in Western Lake Ontario. In its first year of implementation, two pilot projects have been selected by the Advisory Committee – one of which is the creation of a training course for municipal staff on natural asset management, while the other focuses on improving data coordination and reporting on nutrient loads.

Animal and Plant Neighbours

Knowing the flora and fauna that call the watershed home helps facilitate collective action to protect and enhance needed habitats for a healthy communal environment. Unique finds this year as part of **TRCA's monitoring efforts**

(<https://trca.ca/news/environmental-monitoring-field-finds-2023-flora/>) include an American Eel on the Toronto waterfront, an American Stoat (formerly the Short-tailed Weasel), the rare Mustard White butterfly, and the first regional breeding record of the Upland Sandpiper in **15** years.

Mustard White butterfly

Documented plants designated as regional species of conservation concern include the purple and showy Bottle and Fringed Gentian, Showy Lady's Slipper, and the Northern Beech Fern, to list a few among the surveyed sites.

GOAL: Building communities that drive local action and improve wellbeing

New Nature Centre at Bruce's Mill

March saw the launch of the new Nature Centre at Bruce's Mill

(<https://trca.ca/news/bruces-mill-nature-centre/>) in Stouffville, Ontario. The grand opening,

which coincided with the first day of the 2023 Sugarbush Maple Syrup Festival

(<https://trca.ca/activities/maple-syrup-festival/>), was well attended by members of the community, program partners, elected officials from all levels of government, and TRCA Board members and staff to celebrate this vibrant community resource.

The Nature Centre enhances the existing facilities, activities, and services at Bruce's Mill Conservation Park, offering year-round programming that extends the reach of TRCA's community learning and school-based education activities.

Programming at the Nature Centre at Bruce's Mill focuses on the natural and cultural heritage of Bruce's Mill Conservation Park and the surrounding area to reflect the diversity of our local communities.

As TRCA's eighth school and community learning centre, and the third Nature Centre launched in three years, the educational opportunities offered at Bruce's Mill will continue TRCA's long-standing tradition of providing school, family, professional, and community programming in unique and special natural environments.

Open year round, Bruce's Mill and its Nature Centre are focused on creating and curating accessible and inclusive experiences for all people, serving to nurture curiosity, inspire awe, and offer opportunities to strengthen health and wellness.

The Nature Centre builds on the strong history of Bruce's Mill Conservation Park as a popular destination for group functions and outdoor recreational activities. Host to many public, not-for-profit, and private third-party events, and welcoming more than **180K** visitors annually, the park is a valuable space for residents and the broader public.

3.1 Connect communities to nature and greenspace

TRCA ensures that the public has access to accessible outdoor recreation and programming.

Trail Users

150K visitors were counted at **8** benchmark TRCA sites, a **53%** increase over 2022.

1.5M visitors were counted at **24** locations of TRCA trails and City of Toronto trails through TRCA's Trail Counter Program, an increase of **11%** over 2022.

With the support of community partners, maintained access to **500 km** of TRCA managed trails on **7,297 ha** of TRCA-managed Conservation Parks and Lands available for public access and recreational activities.

Across all TRCA greenspaces in 2023, 1.1M visitors enjoyed the physical and mental wellbeing that only outdoor natural spaces can provide.

Creating Connections!

Advanced **4** trail and amenity capital projects through planning, design, and construction phases on behalf of partner municipalities.

6.53 km of trail were constructed, of which **5.72 km** are regional-level connections and **0.81 km** are local-level connections. This includes prominent 2023 projects: the Claireville North Multi-Use trail in Brampton, Macleod Estate Trail in Richmond Hill, and Church Street Trans Canada Trail in Ajax.

The new 2022 Trail Sustainability Fund made improvements possible in the Township of Uxbridge and the Regional Municipality of Durham in 2023. Boardwalk and bridge repairs, conducted through partnerships and with dedicated volunteers, deepened these trail-nature connections even further.

With the support of the **Weston Family Foundation**(<https://westonfoundation.ca/>) and Partners, TRCA continued to advance **The Meadoway**(<https://themeadoway.ca/>) project. By linking **7** river systems, **15** parks, **13** neighbourhoods, **200 ha** of meadow, and **16 km** of trail, this transformative, award-winning initiative will become one of Canada's largest linear urban parks.

THE MEADOWAY MILESTONES

Hosted **38** school classes and held **22** tours and community events bringing together a diversity of audiences, from residents and newcomers to volunteers and professionals – including members of the internationally recognized HighLine Network – to this impressive city-building project.

Committed funds: The Weston Family Foundation **\$6.3M** (2023-2025); **\$8.2M** federal government and City of Toronto.

No more turf grass: the entire Meadoway corridor's **16 km** is now in a state of active meadow habitat.

The **Meadoway Visualization Toolkit**(<https://themeadoway.ca/projects/visualization-toolkit/>) was recognized by the Ontario Professional Planners Institute and won the prestigious 2023 PlanON Public Education Award.

October grand opening (pictured below) of **2 km** trail at Highland Creek – a critical east-west

segment, connecting to existing ravine trails through Morningside Park all the way to the Great Lakes Waterfront Trail.

3.2 A culture of diversity, equity, and inclusion contributing to community wellbeing

TRCA demonstrates that innovative land management leads to more accessible and inclusive communities.

Welcoming All

TRCA continues to ensure that programs and facilities are available and accessible through **182** financially/physically accessible program offerings, **27** respite and wellbeing options, and **22** partnership projects with equity-deserving communities. Prioritizing community connections, TRCA exceeded annual targets by as much as **25X**. This work to operationalize a wellbeing culture seeks to ensure all communities are able to participate, truly feel welcomed, and experience a sense of belonging.

Engaging Newcomers

Welcoming and helping newcomers connect, learn, and gain employment in the green sector is the focus of three innovative TRCA programs: **Professional Access into Employment (PAIE)** (<https://paietraining.ca/>), **Newcomer Youth Green Economy Project (NYGEP)** (<https://trca.ca/get-involved/newcomer-youth-green-economy-project/>), and **Multicultural Connections (MC)** (<https://trca.ca/get-involved/new-canadians/#multicultural-connections>). In 2023, these programs reached **3.6K** participants through **27K hrs** of coaching, training, and learning.

Breaking Down Barriers

Through a new partnership with Construct, a social enterprise by BlueDoor, a new course covering energy technologies, construction, and green infrastructure was offered, helping create connections and break down barriers to employment.

Albion Hills once again hosted The Gathering of Nations Summer Camp for Indigenous students, who completed a 21-day high school credit course through the Toronto Catholic District School Board.

With support from York Region, and in partnership with 360kids and Salvation Army, TRCA launched a new employment training program to provide skills development and job readiness supports for unhoused youth seeking employment in the landscape and greenspace management sectors.

NATIONAL DAY OF TRUTH AND RECONCILIATION

Commemorated the National Day of Truth and Reconciliation at various TRCA locations with the leadership and collaboration of Four Colours Drum Circle and True North Aid.

Widespread Upgrades

Thanks to a **\$10M** investment from the Canada Community Revitalization Fund – the largest in decades – key TRCA destinations received crucial infrastructure updates this year, such as paved roads and parking lots, new picnic shelters and upgraded washrooms, a new roof on the Albion Hills Ski Chalet, and a new workshop. **90%** of costs were covered as the investment was paired with Fed Dev and other funding sources to enhance access and safety and improve the visitor experience in nearly every one of our parks.

The Albion Ski Chalet gets a new roof.

3.3 Informed citizens are conservation champions

TRCA collaborates with communities on environmental initiatives.

Professional Access into Employment (PAIE)

PAIE provided fully virtual job search and corporate culture training as well as hybrid coaching, employment, and mentoring opportunities. Over **140 hrs** of profession-specific training, including field trips, was delivered virtually and in-person, during the nine-month program. **35** PAIE participants received **100** interviews and **70** mentor connections were made with clients to further their career journeys. On average, PAIE participants have an **80%** employment success rate!

Making Memories

Conservation starts with connections. TRCA Signature Events drew **37K+** attendees across the region including: the Sugarbush Maple Syrup Festival, Spring Bird Festival, Flight of the Monarch Day, Adventures of Salmon, Bike the Creek, and Celebrate the Humber.

The Nature School

Resonating with communities, TRCA's **The Nature School**(<https://kortright.org/the-nature-school/>) engaged **21K** learner hours through the delivery of weekend, PA Day, Preschool, and Elementary school programs. A fully funded Naturehood program has also now transitioned smoothly to a fully outdoor, in-person format for a memorable learning experience.

School and Community Learning

95K school kids were engaged through virtual and in-person education programs for **600K** learner hours of programming, including many at **8** TRCA locations throughout the region. **362** Community Learning events across Durham, Peel, Toronto, and York engaged **16.5K** participants to create the conservation champions of today and tomorrow.

This work – and more – is made possible through hundreds of partnerships cultivated over decades. The desire to grow relationships with equity-deserving communities advanced through **17** recently established partnerships.

Exhibiting Science

Black Creek Pioneer Village opened its largest exhibition in decades: ***Invented: Propelled by Imagination***. (<https://blackcreek.ca/exhibits/invented-propelled-by-imagination/>), which explores how 19th century science impacted science fiction authors, whose creativity then prompted even more remarkable inventions. The exhibit was visited by **40K** people, including close to **2K** students in curriculum-linked STEAM education programs.

GOOD STARTS

Drawing **3.4K** participants at **203** events, TRCA's foray into the provincial Learn to Fish program was a huge success at Heart Lake Conservation Park and Tommy Thompson Park – the two most popular locations hosted **39%** of all attendees!

New offerings also included a Turtle Tally citizen science program in Peel, winter programming at Tommy Thompson Park, and forest meditation at Claremont Nature Centre.

From Streets to Streams is a unique catch basin art project launched through a City of Brampton partnership that showcases conservation for Pollution Prevention Week. Local artists painted street murals to inspire residents to get curious about protecting water resources.

Disc golf, the newest sport taking Canada by storm, can now be played year-round on newly unveiled courses at Albion Hills and Bruce's Mill Conservation Parks.

3.4 Inspired communities take environmental action

TRCA enables communities to protect their natural environment with their own hands.

Sustainable Neighbourhood Action Program (SNAP)

SNAP worked with **65** implementation partners to achieve neighbourhood-based solutions for urban renewal and climate action across **6** active SNAPs. These include municipalities, local businesses and agencies, community organizations, and universities. **176** collaborative events engaged **3K** residents and stakeholders. Showcasing the model's transformative power – SNAP has been listed as an example of innovative urban development as part of the World Urban Pavilion profiling Urban Sustainable Development Goal projects in Canada.

SNAP SUCCESSES

Fostering a Greener Future

The longstanding **Environmental Leaders of Tomorrow**(<https://enviroleaders.ca/>) program in Peel continues to deliver strong impact, with **918** students from **32** classes engaged in 2023. **93%** of

participating teachers cite that their students were more likely to act to help care for nature and the environment following the program.

Valuable Volunteers

5,943 volunteers invested **13K hrs** of personal time through different events contributing towards restoration and stewardship projects across the jurisdiction. During the **166** events, **21K** trees, shrubs, and wildflowers were planted, **3.6K kg** of garbage was removed, and **14K m²** of invasive species were removed manually to maintain **10.6 ha** and restore another **3.6 ha** of beautiful local greenspace.

Regional Watershed Alliance

A more diverse Regional Watershed Alliance (RWA) membership structure was introduced, and members learned about, or provided input to, **11** different TRCA- or partner-led initiatives, attended a tour of major TRCA flood infrastructure, and took part in a memorial tree planting for former RWA member Lisette Mallet.

Salmon Spotting

TRCA's [online interactive map](https://trca.ca/conservation/aquatic-habitat-toronto/projects/salmon-in-toronto-and-gta-waters/)

(<https://trca.ca/conservation/aquatic-habitat-toronto/projects/salmon-in-toronto-and-gta-waters/>)

saw a **60%** increase in reported sightings of migrating Salmon in local streams this year – valuable community input into monitoring that both increases knowledge and demonstrates a desire to contribute to environmental health.

GOAL: Customer service excellence for efficient service

delivery to adapt to a changing environment

Compensation Review

In the spring of 2023, TRCA staff implemented a comprehensive compensation review and total rewards updates guided by principles of diversity, inclusion, equity, legislative compliance, and compensation best practices. The review encompassed three essential components – internal, external, and individual equity – and ensured employee growth and development, organizational agility, and market competitiveness.

The review ensured TRCA's ability to engage and retain top talent, as well as accomplishing the following:

- Job description review and harmonization – from **600+** positions to just over **200** cross-functional and inclusive job descriptions.
- Modernization and updating of TRCA's job evaluation program, including the addition of inclusivity principles.
- Fulsome market review benchmark exercise utilizing several comparator organizations and positions.
- New compensation structure providing greater compensation growth while aligning to salary administration best practices and legislative requirements.
- Holistic updates to TRCA compensation and total rewards policies and processes.
- Total rewards review and implementation of several benefits to support engagement and recruitment, as well as overall organizational advancements.

TRCA's execution of the compensation review, supported by third-party external compensation consultants, has increased the organization's competitiveness within the market, with strong retention presence for today and into the future.

4.1 A strong and skilled workforce

TRCA's workforce is its most important resource, and the organization will remain competitive in the employment market through its commitment to talent retention and investment.

Diversity, Equity, Inclusion (DEI)

TRCA's long-term commitment to increasing Diversity, Equity and Inclusion (DEI) is driven through its People First DEI Playbook, which saw a **63%** progress towards full plan completion.

Several initiatives in support of each of the **5** key overarching pillars were achieved in 2023, including reviewing TRCA's recruitment, onboarding, retention, and succession practices with a DEI lens to ensure it is woven into the fabric of our practices.

A shift in the direction of job descriptions was established, resulting in **100%** of descriptions across the organization being updated to focus on minimum education and qualifications to provide greater access to TRCA career opportunities within the communities we serve. TRCA also fostered equitable and inclusive opportunities for professional growth and development for all employees, creating greater access to learning and development.

Celebrating Staff

The 5th annual Service Recognition Awards were held at a September ceremony at Black Creek Pioneer Village, honouring **84** staff celebrating milestones ranging from five to 30 years! A staff summer BBQ brought the many diverse TRCA teams together at Boyd Conservation Area for the first time this year, complementing the traditional annual Staff Pancake Breakfast for even more valuable opportunities for staff engagement and relationship-building.

Learning is Growth

Continued providing robust and diverse learning and development opportunities to employees through the Learning Management System. **200+** courses are now on offer by service providers such as SkillSoft and ComPsych. Leadership-specific training through Radiant is available for those in senior roles. In 2023, TRCA staff completed nearly **17K** internal training hours by **715** staff, signaling ongoing employee growth and development.

Health and Safety

TRCA is progressing towards the rigorous Certificate of Recognition (COR) following an important milestone in November: the submission of the internal audit to the accrediting agency, the Infrastructure Health and Safety Association (IHSA). Frequently used as a pre-qualifying and/or condition of contract, this certificate ensures competitiveness, alignment with mandatory requirements, and even insurance and other cost-related benefits.

Listening and Leaning In

A successful workforce begins with strong engagement, a responsive organization and future-positive planning.

- **79%** of eligible employees participated in the 2023 employee engagement pulse survey, providing valuable feedback.
- **51.5%** of staff have a Flexible Work Arrangement in place, attracting and retaining top talent and increasing employee engagement.
- **98%** of employees in required positions have goals tied to the Performance Development Program that drives the success of TRCA's overall Strategic Plan.

4.2 Provide and manage an efficient and adaptable organization

TRCA enhances the sustainability of its business model for generations to come by strengthening relationships with our partner municipalities and securing long-term partner support.

Construction of the new administrative building is progressing.

New HQ Progress

Construction continued to progress on the new TRCA administrative building, with mechanical and electrical systems, building envelope, and interior work nearing completion. Solar panels now grace the roof, with insulation underway. One of this building's most innovative features, the open loop geothermal well, has been commissioned and is already running.

This industry-leading building centered on user wellbeing garnered the following external accolades this year:

- Zero Carbon Building Design Certification from the Canadian Green Building Council.
- Embodied Carbon Award for New Construction in the Commercial/Industrial/Institutional category from The Carbon Leadership Forum Toronto and Ottawa Hubs.

Asset Management

The technical implementation of a new Asset and Maintenance Management system was completed to support the operation and preventative maintenance of TRCA's tangible capital assets. Under the guidance of a new charter in a rapidly changing landscape, the work to integrate assets from flood and erosion control, buildings, parks, and fleet will be featured through an updated asset management plan in early 2024.

Place Making

Look After Where You Live(<https://foundation.trca.ca/look-after-where-you-live/>), an external employee engagement program managed in collaboration with the **Toronto and Region Conservation Foundation**(<https://foundation.trca.ca/>), worked with **38** different organizations across a wide range of sectors in **43** events such as planting and mulching trees, seeding, and clean-ups across **16** GTA sites. This program's increasing popularity highlights a growing interest for local businesses and organizations in team-building initiatives that support our local greenspaces.

Valuable Heritage

TRCA licensed archaeologists conducted **78** assessments on **63 ha** in support of legislated internal and partner project needs – respecting the rich heritage value of Anishinaabe, Haudenosaunee, Huron-Wendat, and Métis nations roots in our jurisdiction.

Municipal MOUs Signed

In order to meet provincial requirements, Memorandums of Understanding (MOUs) were advanced for municipally-requested work. Through consistent engagement, a total of **5** out of **6** participating municipalities, and **8** out of **10** partner municipalities executed or received Council approval for MOUs, with the remaining municipalities expected in early 2024.

Building Sustainable Business Models

92 grant submissions co-ordinated with a total grant request value of over **\$42.1M**.

4.3 Responsive relationships and a trusted brand with a reputation for excellence

TRCA builds on past successes to deepen existing relationships and reach new audiences.

Leadership Lines of Communication

Frequent and tailored leadership meetings were held throughout the jurisdiction involving key municipal and government agency partners and senior TRCA staff. These action-oriented meetings facilitated information sharing, enhanced co-operation, and built support for mutually beneficial projects and programs as part of ongoing Memorandum of Understanding negotiations in 2023.

Strong Internal Collaboration

With strong internal co-ordination, **400+** key seasonal positions were efficiently filled between February and June to support operations during warm weather months. Promotion included an engaging multi-faceted social media campaign, attendance at **15** career fairs and speaking engagements, and coordination at various institutions and agencies. This annual initiative brings together several TRCA teams and builds a strong talent pipeline for the needs of tomorrow.

Awarded 2023 Initiatives

Received the Jessica Markland Partnership Award from the Durham Environmental and Climate Advisory Committee for Durham Trees: a six-partner collaborative that plants subsidized trees on private land.

Presented with the Environmental Excellence award from the Electricity Distributors Association presented to Hydro One for a TRCA-led wetland restoration project in Kleinburg that advances corporate climate change goals.

Voice of the Youth

TRCA's Youth Council

(<https://trca.ca/conservation/watershed-management/regional-watershed-alliance/youth-council/>) is now **400+** members strong! Events held in 2023 include a Summer Retreat with Four Colours

Drum Circle at Heart Lake Conservation Park, hosting Vaughan-Woodbridge Youth Council at William Foster Woods for a Buckthorn Removal Event, and co-facilitating a workshop with the University of Toronto on Urban Biodiversity, to name a few. In total, **7** in-person and virtual events were organized, and members participated in a further **10** events with partners for a busy year!

RECONCILIATION AND ENGAGEMENT

A dedicated working group with cross-divisional membership worked to advance reconciliation, meaningful engagement, and relationship-building with First Nations and Indigenous communities. Supporting resources developed include an Indigenous Communications Plan, Indigenous Engagement Guidelines, and direct input into various corporate and external guidelines and policies. Staff also had **12** training opportunities to further personal and professional understanding and knowledge.

4.4 Transparent decision making and accountable results

TRCA measures and evaluates performance to inform outcome-based decision making.

Annual Audit

TRCA's 2022 audited financial statements were issued with a clean auditor's report.

Strategy in Action

Following the November 2022 Board of Director's endorsement of TRCA's new **Strategic Plan 2023-2034**(<https://trca.ca/about/governance-reports/strategic-plan/>), the new framework guided long-term planning, decision-making, and reporting for the first time. **25** interactive staff orientation sessions were held to ensure full alignment and understanding for smooth implementation and performance results.

Optimizing Processes and Procedures

71% of all corporate policies reviewed, **54** new and updated policies and guidelines approved and went into effect, with others being advanced by the interdivisional Policy Committee.

93 staff trained in the internal meeting management platform eScribe for efficiency and transparency gains.

Plans for Safety and Function

Draft annual State of Good Repair capital plans are created and executed annually to account for property portfolio needs – **100%** of budgeted priority repairs or replacements completed.

Freedom of Information

Received **47** Freedom of Information Requests and worked on **54** requests, including those carried over from 2022. **48** requests were closed in 2023, with work on the remainder of requests ongoing.

Climate Change Progress in Peel

In partnership with Credit Valley Conservation (CVC) and through expert guidance, performance measures have been developed to track, monitor, and report Region of Peel climate change funded projects and programs. The Key Performance Indicators (KPIs) created are used in annual reports, the second of which was published in 2023, helping Region of Peel and its member municipalities better understand the impact of TRCA and CVC work to advance their climate change goals.

RESULTS-DRIVEN PARTNERSHIPS

Underscoring the importance of strong organizational skills, a stellar reputation, and an unwavering ability to deliver results, TRCA sought out, obtained, and executed a seven-partner joint funding initiative valued at **\$850K** this year. The 2023 Spring Leaf-off Airborne LiDAR Data Acquisition and Classification project unites four conservation authorities, Conservation Ontario, and two government partners to obtain valuable mapping data to maintain and improve flood hazard maps in the Greater Toronto Region. The collaborative effort is a testament to strong working relationships and TRCA's brokerage role in achieving cost effective solutions for our partners.

TRCA's third sustainability report, published this year, provides an important marker on our progress towards carbon neutrality by 2050, which is being done in concert with municipal, provincial, federal, and global efforts related to climate change. While there is much work to do, the sustainability report illustrates some positive news:

Emissions Calculations Include:

Scope 1: Direct GHG emissions from organizational activities, i.e. Natural Gas, Vehicle Fuels, Propane etc.

Scope 2: Indirect GHG emissions from purchased electricity, heat, or steam, etc.

Scope 3: Indirect GHG emissions from assets or activities not owned or controlled by TRCA but within the organization's value chain. To date TRCA calculations include only scope 3 emissions from staff use of personal vehicles for work purposes. In future, TRCA will expand its reporting to include more scope 3 categories.

The largest emissions reductions to date have resulted largely from purchasing renewable energy certificates, improvement in the energy efficiencies of TRCA operations, and improvements to the carbon intensity of the electricity grid. These reductions already exceed the provincial target of 30% and track well against federal targets of between 40-45% for 2030, while efforts are ongoing to continue planning and advancing towards a net-zero future.

Next Steps

TRCA's Fleet Strategy will transition to electric vehicles for light duty activities over the next 5-10 years, reducing net corporate GHG emissions by more than 20%.

Ongoing implementation of TRCA's Corporate Energy Management Plan will further reduce energy use and GHG emissions, as will the completion of the new LEED Platinum head office building.

TRCA will begin to quantify and report on supply chain emissions, including contractors and service/product providers.

TRCA SENIOR LEADERSHIP TEAM

As of December 31, 2023

Chief Executive Officer

John MacKenzie

Conservation Parks and Lands

Richard Ubbens – Director

***Development and Engineering
Services***

Sameer Dhalla – Director

Education and Training

Darryl Gray – Director

Policy Planning

Laurie Nelson – Director

Restoration and Infrastructure

Anil Wijesooriya – Director

Human Resources

Natalie Blake – Chief Human Resources Officer

([https://trcaca.s3.ca-central-1.amazonaws.com/app/uploads/2024/02/14143435/
JurisdictionMap_2024-BODlist.pdf](https://trcaca.s3.ca-central-1.amazonaws.com/app/uploads/2024/02/14143435/JurisdictionMap_2024-BODlist.pdf))