

TUNNELLING

Ingenuity Underground  Ingéniosité en souterrain

Tunnelling Association of Canada | 2024 Conference
October 6th - 8th, 2024 - Montreal, Q.C.

2024 ANNUAL GENERAL MEETING

Sunday, October 6, 2024



Tunnelling Association of Canada
Association canadienne des tunnels



Bruce Downing
President
Tunnelling Association of Canada

Agenda

ITEM	PRESENTER
Welcome and Introductions	Bruce Downing
Acceptance of the 2023 AGM Minutes (motion)	Bruce Downing
President's Report	Bruce Downing
Special Resolution for AGM scheduling (motion)	Bruce Downing
Membership Report 2024 and Targets for 2025	Dan Ifrim
Treasurer's Report	Bruce Downing
2025 TAC Officer Election and Board of Directors (motion)	Erik Eberhardt
Regional Reports	Jason Mann & André Rancourt
WTC 2026 Update	André Rancourt
Young Members Report	Nichole Boultonbee
Scholarships Committee Update	Leila Sunderani
Communications Committee Update	Andrew Caruana
Tunnelling Magazine Update	Bruce Downing
Tunnel Database Project Update	Bruce Downing
EDI Taskforce Update	Nichole Boultonbee
Other Business	Bruce Downing

Minutes of the 2023 AGM

The draft minutes of the September 25, 2023, Tunnelling Association of Canada Annual General Meeting are posted on the TAC website at

https://www.tunnelcanada.ca/agm_minutes.php

Motion : to approve the minutes from the 2023 AGM as presented.

President's Report

2023/2024 another very successful year for TAC.

- TAC2023 Toronto – by far TAC's most successful conference ever. TAC2024 is looking to be a close second.
- Four highly successful conferences in a row
- WTC2026 Planning proceeding well – look for booth at TAC2024.
- Initiation of Tunnel Safety Working Group.
- Active Young Members and EDI committees
- Increased communication (newsletters, social media presence and expanded *Canadian Tunnelling* magazine).
- Ongoing improvements to Tunnelling Project Dashboard
- Regional/Chapter activities – Vancouver, Edmonton/Calgary, Toronto, Montreal,
- Other ongoing activities (Scholarships, EIC engagement, etc),

International Tunneling Association (ITA) and Engineering Institute of Canada (EIC)

- TAC was also successful in an application for one of the ITA's "50 Iconic Tunnelling Projects", celebrated at WTC 2024, as part of the 50th Anniversary of the ITA.
 - The ITA's 50 Iconic Tunnelling Projects recognizes the top tunnelling projects from the last 50 years,
 - TAC was grateful for the Niagara Tunnel Project to be selected to this exclusive list of tunnelling projects from around the world such as the Channel Tunnel, the Gotthard Basetunnel and many others.
- TAC is pleased to announce that our nominee, Mr John Bianchini (CEO of Hatch) was elected as a 2024 EIC Fellow, an award that recognizes excellence in engineering and services to the profession and society

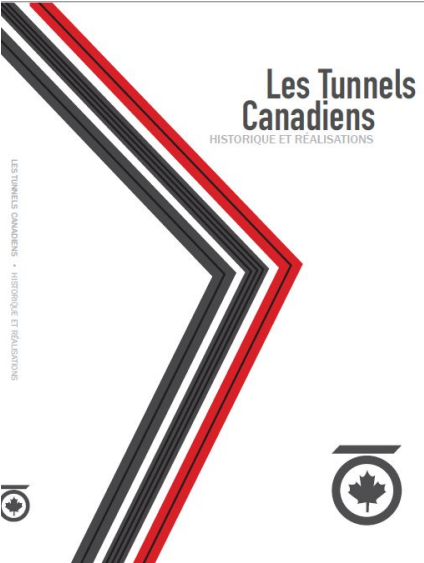


Special Projects

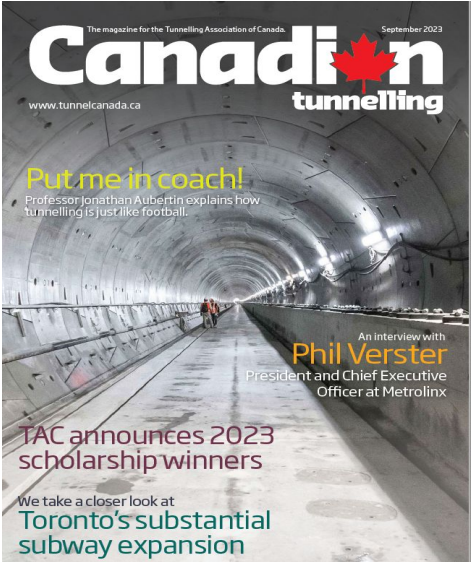
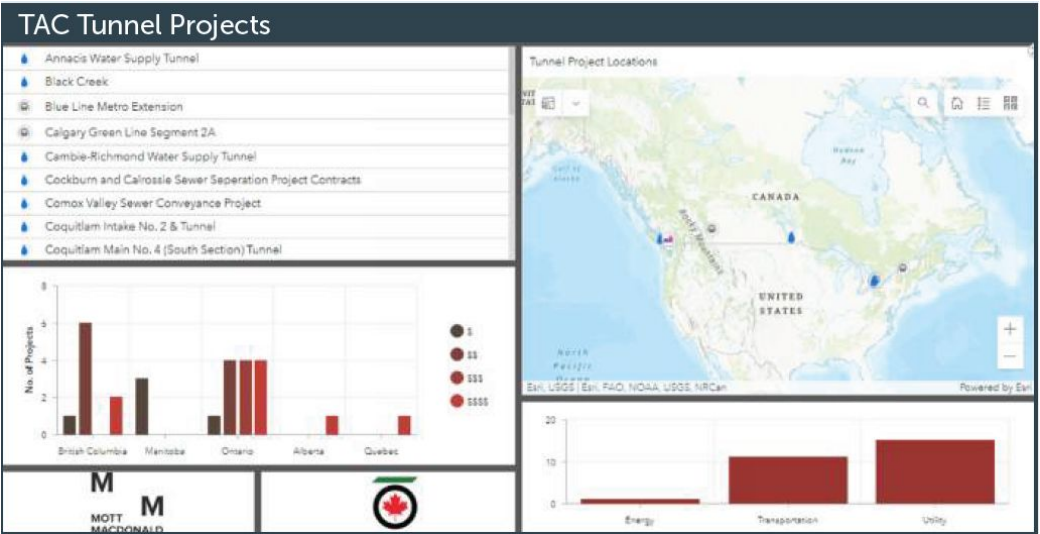


Canada is the WTC2026 Bid Winner!

Completed



In Progress



President's Report

Officers

Bruce Downing – President
Erik Eberhardt – Immediate Past President
Jason Mann – Vice President West
Andre Rancourt – Vice President East
Michelle Richards – Treasurer
Andre Solecki – Secretary

Directors

Nichole Boulton – Director, B.C.
Mohammed Al-Bataineh – Director, Alberta
Jason Mann – Director, Manitoba and Prairies
Dan Ifrim – Director, Ontario
Jean Habimana – Director, Quebec and Maritimes

Dani Delaloye – Director
Andrew Caruana – Director
Mark Diederichs – Director
Connor Langford – Director
Walter Milani – Director
Leila Sunderani – Director
Seamus Tynan – Director
Glenn Mongillo – Director

Key Redstone Staff



Sharvari Katekar
Account Lead, Membership
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Chantelle Bonham
Conference Manager
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Special Resolution

As is convention for TAC, we typically host our conference in the fall of each year and our AGM at the same time as our in-person conference in order to ensure we have the greatest number of our members in attendance for this important annual meeting. As TAC is a federally incorporated Not-For-Profit; the Canada Not for Profit Corporations Act requires us to hold our AGM no later than 6 months following the end of our fiscal year, unless when an exception is made for extenuating circumstances. As our fall conference takes place greater than 6 months following our fiscal year end date of December 31st, TAC requests an extension to this requirement on an annual basis for Corporations Canada. In order to make this process more efficient, we would like to ask our members today to pass a resolution that TAC make a request to Corporations Canada to allow for a multi-year extension of this requirement, allowing the Annual General Meeting of our members to take place as late as the fourth quarter of the year for the next five years.

Motion: to approve that the members of TAC agree that the annual general meeting of members take place as late as the fourth quarter of the fiscal year for the next five years.

Membership Report

Presented by: Dan Ifrim, Director, TAC

Membership at a Glance (04-Oct-2024)

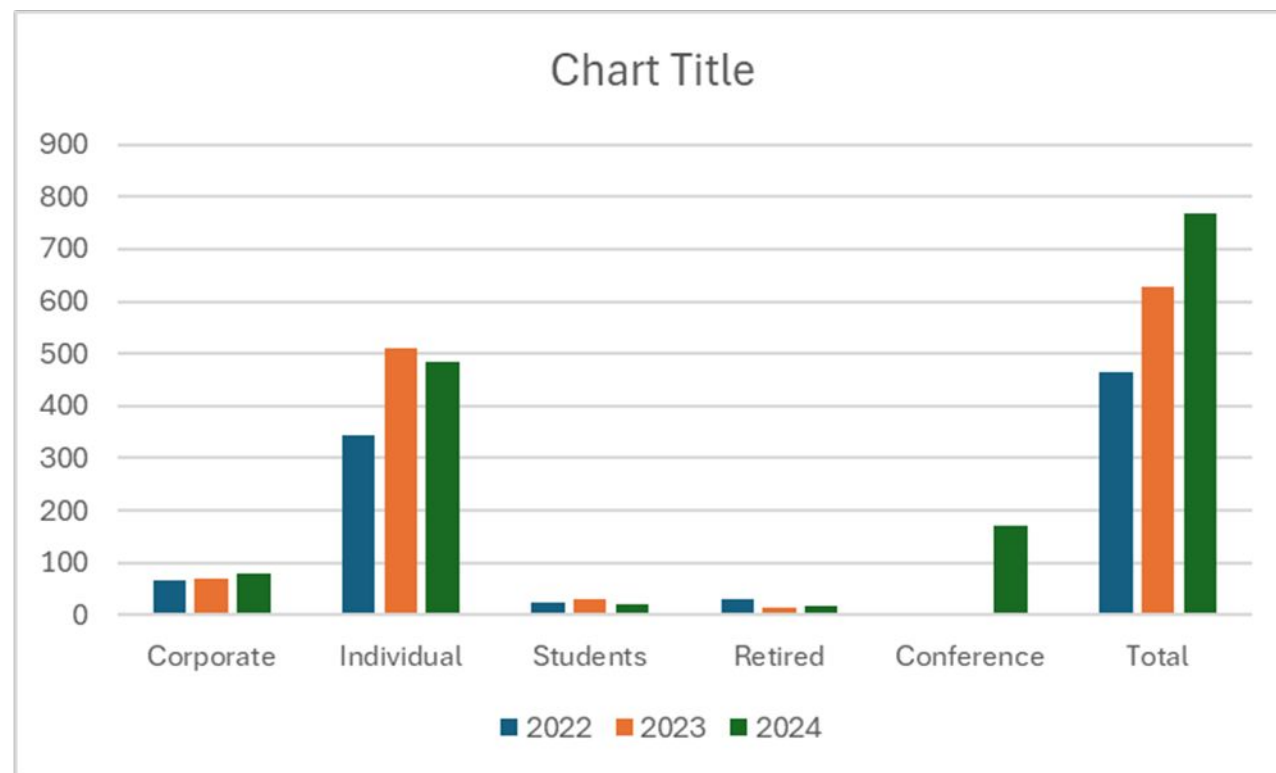
Membership Type	Alberta	British Columbia	Manitoba & Prairies	Ontario	Quebec & Atlantic	Total Canada	International	TOTAL
Corporate	7	9	5	39	7	67	12	79
Individual	24	76	6	260	56	422	61	483
Students	1	4	0	15	1	21	0	21
Retired	2	4	0	5	2	13	3	16
Total	34	93	11	319	66	523	76	599
Non-Member Registrations (granted 2024 membership)	4	11	2	53	42	112	58	170
	38	104	13	372	108	635	134	769

Membership Report: Year over Year

Membership Type	Alberta		British Columbia		Manitoba & Prairies		Ontario		Quebec & Atlantic		Total Canada		International		TOTAL	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
Corporate	1	7	10	9	3	5	40	39	7	7	61	67	10	12	71	79
Individual	11	24	77	76	2	6	355	260	26	56	471	422	40	61	511	483
Students	0	1	11	4	0	0	16	15	5	1	32	21	0	0	32	21
Retired	0	2	3	4	0	0	5	5	1	2	9	13	4	3	13	16
Total	12	34	101	93	5	11	416	319	39	66	573	523	54	76	627	599
Non-Member Registrations		4		11		2		53		42		112		58		170
TOTAL		38		104		13		372		108		635		134		769

Membership Report: Last Three Years

	2022	2023	2024
Corporate	66	71	79
Individual	343	511	483
Students	25	32	21
Retired	29	13	16
Conference			170
Total	463	627	769



Treasurer's Report

Presented by: Bruce Downing, President, TAC
(On behalf of Michelle Richards, CPA, Treasurer, TAC)

2023 Audited Financial Statements

ASSETS		As of December 31, 2023	
Current Assets		2023	2022
	Cash and Short Term	\$424,260	\$415,870
	Accounts Receivable	\$26,861	\$56,805
	Prepaid Expenses	\$25,845	\$2,225
	Total Assets	\$476,966	\$487,264
Long Term Investments		\$200,000	-
LIABILITIES		As of December 31, 2023	
Current Liabilities		2023	2022
	Accounts Payable and Accrued Liabilities	\$74,024	\$50,845
	Unearned revenues	\$118,576	\$21,692
	Total Liabilities	\$224,642	<u>\$72,537</u>
Accumulated Surplus		\$452,324	\$414,727
	Total Liabilities and Accumulated Surplus	\$676,966	\$487,264

Statement of Operations		For the year ended December 31, 2023	
		2023	2022
Revenues			
	Conference, Sponsorships and Workshop	\$826,151	\$570,461
	Membership Fees	\$86,603	\$90,560
	Chapter Event Revenues	\$13,235	\$485
	Interest and Other	\$22,635	\$14,088
		\$948,624	\$675,594
Expenses			
	Conference	\$662,800	\$465,172
	Professional Fees	\$61,250	\$92,011
	Scholarships and Awards	\$30,069	\$34,371
	History Book Project	\$2,868	\$31,800
	National Office Overhead	\$74,905	\$26,522
	Chapter and Other Events	\$47,699	\$22,823
	Tunnelling Magazine	\$15,792	\$16,896
		\$911,027	\$689,595
Excess/(Deficiency) of Revenues over Expenses		\$37,597	(\$14,001)
Accumulated Surplus, Beginning of Year		\$414,727	\$428,728
Accumulated Surplus, End of Year		\$452,324	\$414,727

Treasurer's Report

- ***Motion:*** to approve the 2023 Year End Financial Statements as presented

Tunnelling Association of Canada				
Association Canadienne des Tunnels				
Approved Budget 2025				
Details		2024 Budget & Forecast Year End		2025
		Budget	Forecast	Budget
Revenue				
	Membership Dues	\$ 79,675	\$ 93,000	\$ 93,763
	Investment Income	\$ 15,000	\$ 15,000	\$ 10,464
	TAC Workshop 2025	\$ 536,250	\$ 585,225	\$ 250,000
	Chapter and Other Events	\$ 21,100	\$ 19,300	\$ 30,950
	Miscellaneous	\$ -	\$ 343	\$ 340
	TAC History Book	\$ -	\$ -	\$ 900
	Total Revenue	\$ 652,025	\$ 712,868	\$ 386,417
Expenses				
	TAC Administration (Contract services)	\$ 56,000	\$ 68,163	\$ 71,571
	TAC Workshop Expenses	\$ 425,000	\$ 433,419	\$ 225,000
	Professional Services (audit)	\$ 6,000	\$ 5,500	\$ 6,000
	ITA & EIC Membership	\$ 4,000	\$ 6,480	\$ 6,500
	ITA Delegate travel	\$ 5,500	\$ 5,500	\$ 5,500
	Website	\$ 7,800	\$ 8,000	\$ 8,000
	Board and Chapter Exec Meetings	\$ 500	\$ 500	\$ 500
	Office (Supplies, Telephone, etc)	\$ 3,000	\$ 3,000	\$ 3,000
	Advertising & Promotion	\$ 3,500	\$ 3,500	\$ 3,500
	Printing & Postage	\$ 200	\$ 200	\$ 300
	Bank Charges	\$ 630	\$ 1,000	\$ 1,000
	Merchant fees	\$ 3,100	\$ 3,100	\$ 3,100
	Insurance & Business Registrations	\$ 247	\$ 399	\$ 400
	TAC Scholarships and Travel	\$ 10,000	\$ 9,000	\$ 10,000
	TAC Awards	\$ 4,500	\$ 4,500	\$ 4,700
	Awards Video Production	\$ 17,000	\$ 17,000	\$ 18,000
	Chapter and Other Events	\$ 55,675	\$ 55,675	\$ 63,750
	TAC Tunnel Database Special Project	\$ 2,000	\$ 22,980	\$ 5,000
	EDI Committee	\$ 700	\$ 700	\$ 700
	Young Members	\$ 1,500	\$ 1,500	\$ 1,500
	Special Projects	\$ -	\$ -	\$ 10,000
	Canadian Tunnelling Journal Project	\$ 16,540	\$ 16,540	\$ 16,540
	Total Expenses	\$ 623,392	\$ 666,656	\$ 464,561
	Revenue over Expenses	\$ 28,633	\$ 46,213	\$ (78,144)

Treasurer's Report

- ***Motion:*** *to approve the 2025 Budget as presented*

Board of Directors

Presented by: Erik Eberhardt, Past President, TAC

TAC 2025 Board – Officers

	NAME	POSITION	Responsibility	REGION	SECTOR	Company	TERMS*	TERM COMPLETION
OFFICERS	Bruce Downing	Officer - President	ITA/Nordic Forum Rep, EIC Rep, Canadian Tunnelling EAB, WTC 2026 Committee	W	CS	WSP	1	DEC 31, 2024
	Erik Eberhardt	Officer - Immediate Past President	Award Committee Chair, Board Nomination Committee Chair, Canadian Tunnelling EAB, WTC 2026 Committee	W	AC	UBC	1	DEC 31, 2024
	Jason Mann	Officer - VP, West	TAC Conferences, Canadian Tunnelling EAB	W	CS	KGS	1	DEC 31, 2024
	Andre Rancourt	Officer - VP, East	WTC 2026 Chair	E	CS	Cima	1	DEC 31, 2024
	Michelle Richards	Officer -Treasurer	Budget, Cash Management, Banking	W	CS	GHD	3	DEC 31, 2025
	Andre Solecki	Officer - Secretary	By Laws Committee Chair, Governance	E	CS	Hatch	2.5	DEC 31, 2026

TAC 2025 Board – Officer Election Bylaw

6.02 Election, Appointment and Term

- Nominees for Officers shall be selected by the Nominating Committee.
- The nominees for President and Vice-President shall be elected by the membership during the AGM.
- Additional nominees may be submitted by written notice by 5 or more members, together with the written agreement of the nominee(s), at least 5 days prior to the AGM.
- The President and Vice-president shall serve for a term of three (3) years and shall be eligible for re-election for a second term at the end of the first. No president shall serve more than two (2) consecutive terms.

TAC 2025 Board – Officer Election

Ballot:

1. Bruce Downing for a 2nd term as President (unopposed)
2. Jason Mann for a 2nd term as Vice President West (unopposed)
3. Andre Rancourt for a 2nd term as Vice President East (unopposed)

TAC 2025 Board – Directors

DIRECTORS	Andrew Caruana	Director	Communications Committee Chair, By-Laws	E	SP	S&L	2.5	DEC 31, 2026
	Mark Diederichs	Director	EDI, Universities	E	AC	Queens	2.5	DEC 31, 2026
	Jean Habimana	Director, Quebec & Maritimes Region	WTC 2026 Committee, Canadian Tunnelling EAB, TAC 2024 Co-Chair	E	CS	Hatch	3	DEC 31, 2026
	Dani Delaloye	Director	EDI Chair, Young Members	W	CS	MM	1	DEC 31, 2026
	Mohammed Al-Bataineh	Director, Alberta & Prairies Region	Canadian Tunnelling EAB	W	CS	SMA	1	DEC 31, 2025
	Glen Mongillo	Director	TAC 2023 Co-Chair	E	SP	DynaMEK	1	DEC 31, 2025
	Lella Sunderani	Director	Scholarship Committee Chair	E	CS	GHD	1.5	DEC 31, 2025
	Walter Milani	Director	<i>(new to board)</i>	E	CL	Metrolinx	1	DEC 31, 2025
	Dan Ifrim	Director, Ontario Region	Membership, Canadian Tunnelling EAB, TAC 2023 Co-Chair	E	CS	Hatch	1.5	DEC 31, 2024
	Nichole Boulton	Director, British Columbia Region	EDI, 2025 Workshop	W	CT	Aldea	3	DEC 31, 2024
	Connor Langford	Director	Canadian Tunnelling EAB Chair, Tunnel Database	W	CS	MM	2	DEC 31, 2024
	Seamus Tynan	Director	Safety Working Group Chair	E	CT	Tydon	3	DEC 31, 2024

TAC 2025 Board – Director Election Bylaw

4.01 Election and Term

- Nominees for Director positions shall be solicited from the membership.
- The nominating committee shall submit the slate of nominees for Special Resolution by the Board of Directors. The slate of nominees selected by the nomination committee and Directors shall be submitted to the entire membership with the notice of the AGM.
- Additional nominees may be submitted by written notice by 5 or more members, together with the written agreement of the nominee(s), at least 5 days prior to the AGM. If additional nominations are received, an election will be held by ballot for those positions for which the additional nominations are received.
- Terms of Directors shall be staggered to provide continuity, overlap and diversity. There are no restrictions on the number of terms a Director can hold.

TAC 2025 Board – Director Election

Motion (as recommended by Board):

- Appoint Dan Ifrim as Director (renewal)
- Appoint Nichole Boulton as Director (renewal)
- Appoint Seamus Tynan as Director (renewal)
- Appoint Claudia Hernandez as Director (new)
- Appoint Paul Cott as Director (new)

2025 TAC Board of Directors Slate - Election

The Board motioned and approved the following slate for the director positions whose terms are ending. This was sent to membership with the announcement of the AGM.

Motion: *to approve the TAC Board of Directors Slate as presented*

Regional Reports – TAC West

Presented by: Jason Mann, VP West, TAC

REGIONAL REPORT

West – British Columbia

- **Pre-Construction**

- Stanley Park Water Supply Tunnel – 1.4 km under Stanley Park,
- Contractor selected – awarded to Burrard Chilco Partnership
- Lulu-Delta Water Supply Tunnel – conceptual design

- **In - Construction**

- Broadway Subway Project - 5.7 km extension of the Millenium Line – tunnelling complete
- Annacis Water Supply Tunnel – 2.3 km below the Fraser River between Surrey and New Westminster
- Burnaby Lake Interceptor No. 2 – 3 km of single pass 2,130 mm sewer
- Eagle Mountain Woodfibre Gas Pipeline – 9 km tunnel between Squamish and Woodfibre
- Annacis Island Wastewater Treatment Plant Outfall – 575 m 4.2 m ID tunnel, to outfall within the Fraser River



REGIONAL REPORT

West – Alberta



- **Pre-Construction**

- Green Line LRT Calgary – Shepard to Eau Claire, 2 km of tunnel; on hold pending funding

- **In - Construction**

- Edmonton Yellowhead Trail Freeway Storm Storage Tunnel – provides flood protection to Yellowhead underpasses; part of an overall proposed long-term plan for flood mitigation
- Duggan Tunnel Replacement Project – 3 km of 1,200 mm sanitary trunk sewer in Edmonton
- Mill Creek S2 – Combined Sewer Trunk Rehabilitation – 830 m 2,100 mm diameter sewer along 97th Street in Edmonton
- Capital Line South Extension, Edmonton – Early drainage works (1,350 to 1,800 mm storm sewers) to advance project critical path

REGIONAL REPORT

West – Manitoba and the Prairies



- **Pre-Construction**

- Rutland Trunk Sewer – Winnipeg Ferry Road Combined Sewer Relief – Contract 6; 1,960 m of 2400 mm reinforced concrete trunk LDS by microtunnelling, including associated appurtenances; Estimated Tender – October 2024.

- **In – Construction**

- Centreport South Regional Water and Wastewater Servicing (fall 2024) –1,045 m of 1200 mm Interceptor Sewer (Contract 3) by microtunnelling to collect wastewater and direct it to a future lift station; CentrePort Canada is North America's largest tri-modal port with this project supporting future commercial and residential development of an additional 1,457 Ha of serviced lands
- Cockburn Calrossie Contract 13 - land drainage sewers ranging in size from 300 mm to 1,200 mm diameter by trenchless installation methods, including installation of 223 meters of 1200mm LDS pipe using tunnelling methods - Fall 2024.

Regional Reports – TAC East

Presented by: André Rancourt, VP East, TAC

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Ontario Tunnelling Updates



Tunnelling Association of Canada
Association canadienne des tunnels

Projects in Construction

Eglinton Crosstown – West Extension

- The project consists of 9.2 km extension to Eglinton Crosstown LRT of which approx. 6.4 km of 5.75 m (ID) twin bored tunnels.
- Remy and Renny, the two tunnel boring machines (TBMs) for the Eglinton Crosstown West Extension, started tunnelling on 11th of April 2022 and completed tunnelling on 26th of April 2024.
- RFQ for Eglinton Crosstown West Extension Stations was issued on 24th of March 2024.



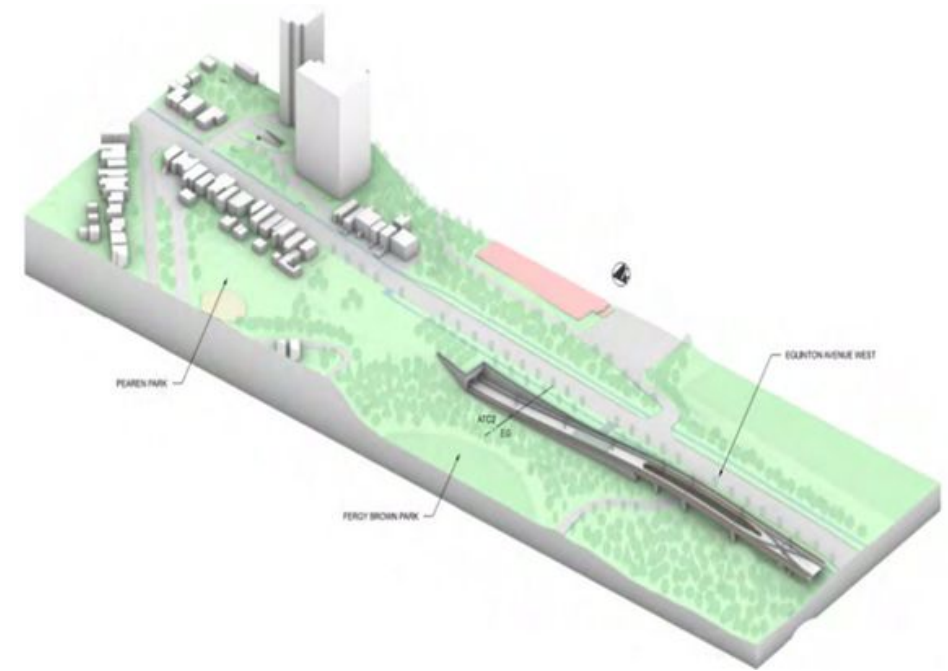
Scarborough Subway Extension

- This project will feature the largest transit tunnel in Canada, 11.9m ID. The project consists of 7.8km of single bore tunnel, 500 m cut & cover box structure between Kennedy Station and end of tunnel and 3 stations.
- The TBM for the first single bore transit tunnel in Canada is well underway building the tunnel.
- Tunnel construction is ongoing.



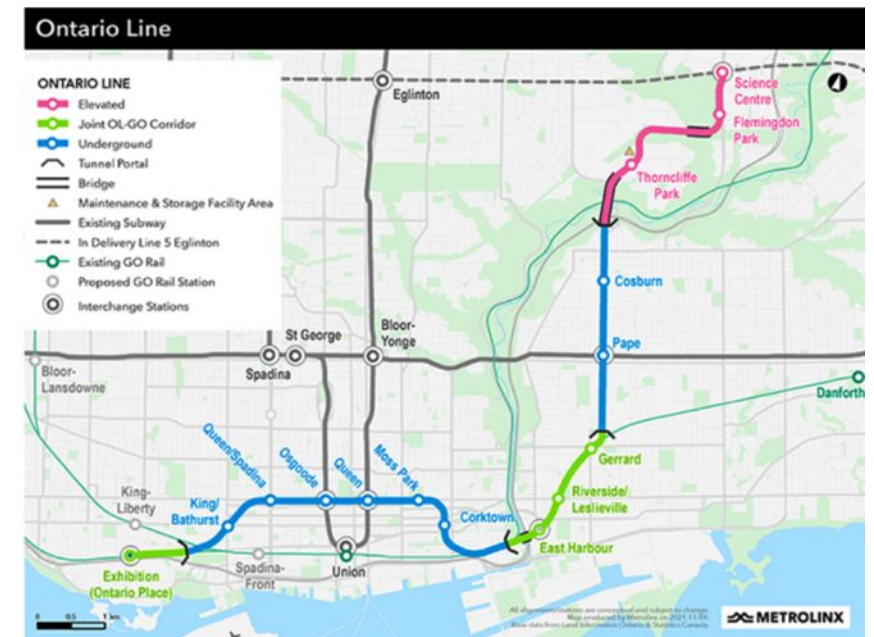
Eglinton Crosstown West Extension (ECWE) – Advanced Tunnel 2

- The Scope includes the construction of approximately 500m of twin tunnels from the Jane/Eglinton intersection to Mount Dennis Station.
- The project is facilitating the connection between the Eglinton Crosstown West Extension (ECWE) and the Eglinton Crosstown Light Rail Transit (ECLRT) system.
- Construction has been awarded and works has begun.



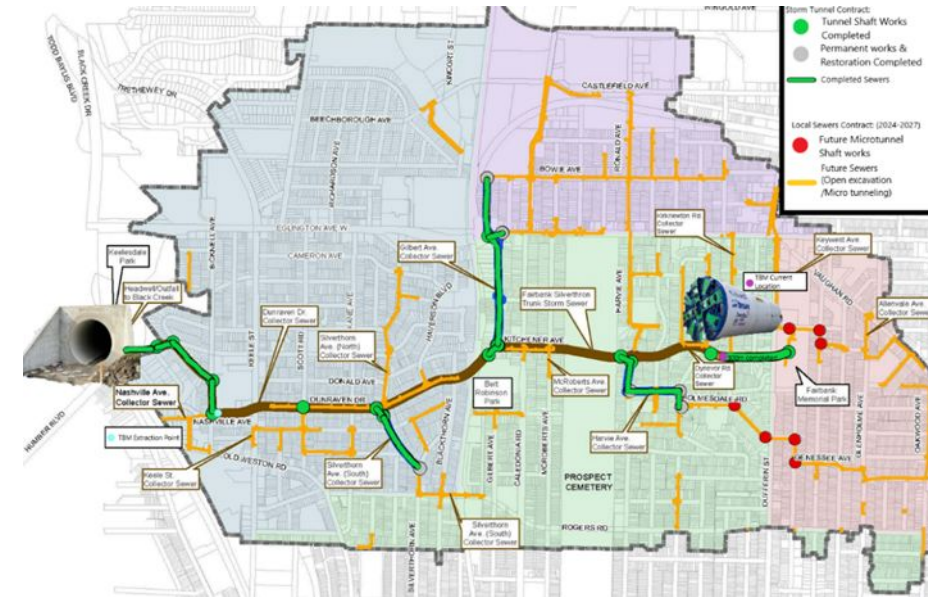
Ontario Line

- The Project will be the largest transit project in Canada including 15.6-kilometre of subway line with 15-stops running from Exhibition Place, through the heart of downtown, and all the way to the Ontario Science Centre.
- The \$6 billion fixed-price contract has been awarded to Ontario Transit Group (OTC) for designing, building, and financing the Ontario Line Southern Civil, Stations and Tunnel (South Civil) package.
- The award includes \$5.5 billion for capital costs and \$0.5 billion for financing and transaction costs.



Fairbank Storm Sewer System

- The project is part of the basement flooding in the Fairbank-Silverthorn community.
- The project involves three important infrastructure improvements including installation of new local storm sewers, construction of a large storm trunk sewer (main tunnel), and installation of inlet control devices (ICDs) to manage stormwater flow to catch basins.
- Tunnel is constructed by an EPB TBM is under construction by EBC-Bessac JV.



Coxwell Bypass Tunnel

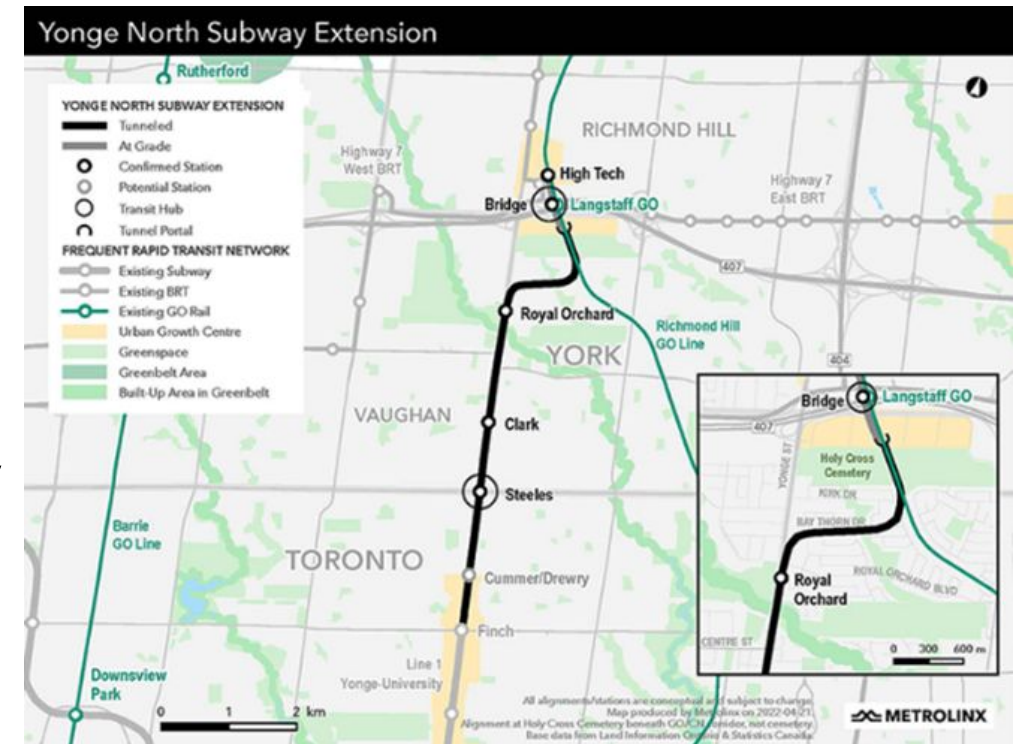
- This tunnel is the first of three phases for the 22-kilometre Don River and Central Waterfront Wet Weather Flow System, which will keep combined sewer overflows (CSOs) out of our waterways by capturing them within the tunnel system storage and transportation to a new and dedicated high-rate treatment facility at the Ashbridges Bay Treatment Plant (ABTP)
- The 12 drop shafts and 10.5km of 6.3m DIA tunnels complete, and the overall project stands at 95% completion status.



Upcoming Projects

Yonge Extension

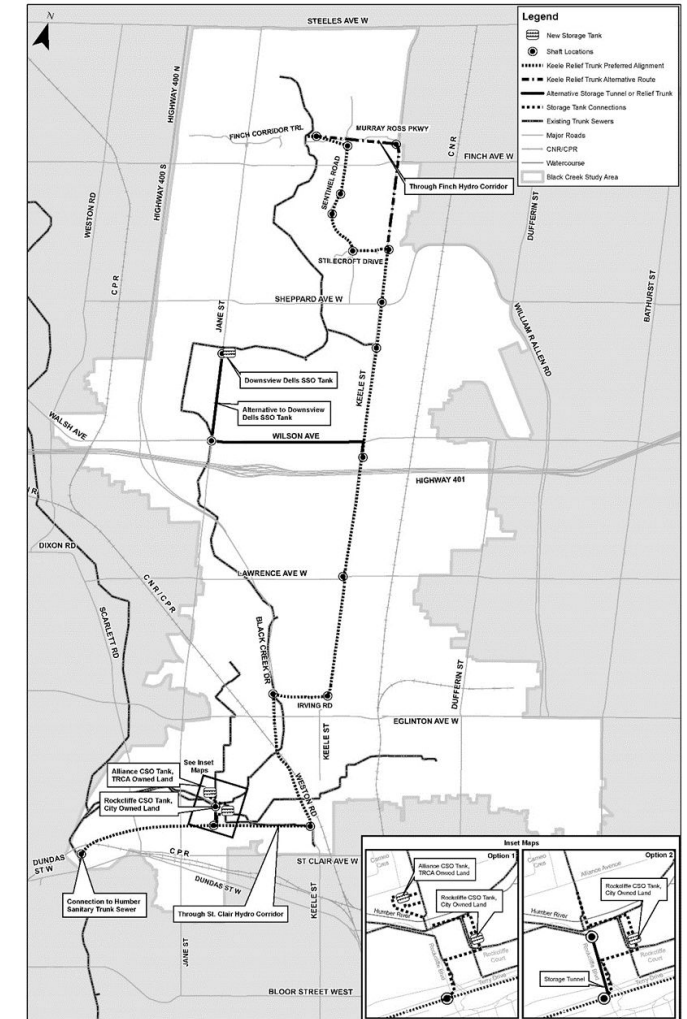
- The Yonge North Subway Extension (YNSE) will extend the TTC's Line 1 subway service approximately 8 km from the existing terminus at Finch Station into the City of Richmond Hill.
- This is a cross-jurisdictional project spanning the City of Toronto and York Region, including sections within the cities of Markham, Vaughan and Richmond Hill. It will include an approximately 6.1-kilometre underground tunnel segment.
- Once complete, the YNSE will connect with local and GO transit services. An RFP was issued December 2023 and may be awarded early 2025.



Black Creek Sanitary Trunk Sewer Relief System

- The Black Creek Sanitary Trunk Sewer (STS) is a 15-kilometre (km) long trunk sewer that drains to the Humber STS and ultimately conveys sewage to the Humber Wastewater Treatment Plant (WWTP).
- The Keele RTS tunnel includes approximately 12.9-km of 3,000 mm diameter relief trunk sewer at depths ranging from 5m to 79m to be excavated by an earth-pressure balance (EPB) TBM.
- The Jane RTS microtunnel includes approximately 3.9-km of 1,800 mm diameter relief trunk sewer at depths ranging from 9m to 72m to be excavated by a MTBM.

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Inner Harbour West

- The project purpose is stormwater storage for Wet Weather Flows (WWF) and water quality improvement.
- The project includes 5.5 km of WWF tunnels (6.3m ID), 3 WWF shafts (up to 30m dia.), 9 WWF connections and 8 drop structures.



GE Booth Outfall

- The G.E. Booth WRRF is located in the southeast corner of the City of Mississauga, south of Lakeshore Road East, between Dixie Road and Cawthra Road. The site is identified Peel Wastewater Treatment Solutions as commercial/industrial (CIC), with much of it fully developed with treatment facilities and associated infrastructure.
- The project includes construction of a new outfall of larger diameter and deeper into Lake Ontario with a capacity of 2000 MLD.



Lakeshore Trunk Sewer and Zone I Sub-Transmission main

- The scope of work includes approximately 6.4km of tunneled trunk level sewers and up to 4.1km of water feeder mains.
- The infrastructure is part of major system upgrades that will provide additional capacity to service growth within the Mississauga City Centre Area to 2041 and beyond.
- The system will be designed to help Peel Region achieve its strategy to enhance overall system reliability and resiliency for the sanitary and water systems. RFP was issued in the spring of 2024.



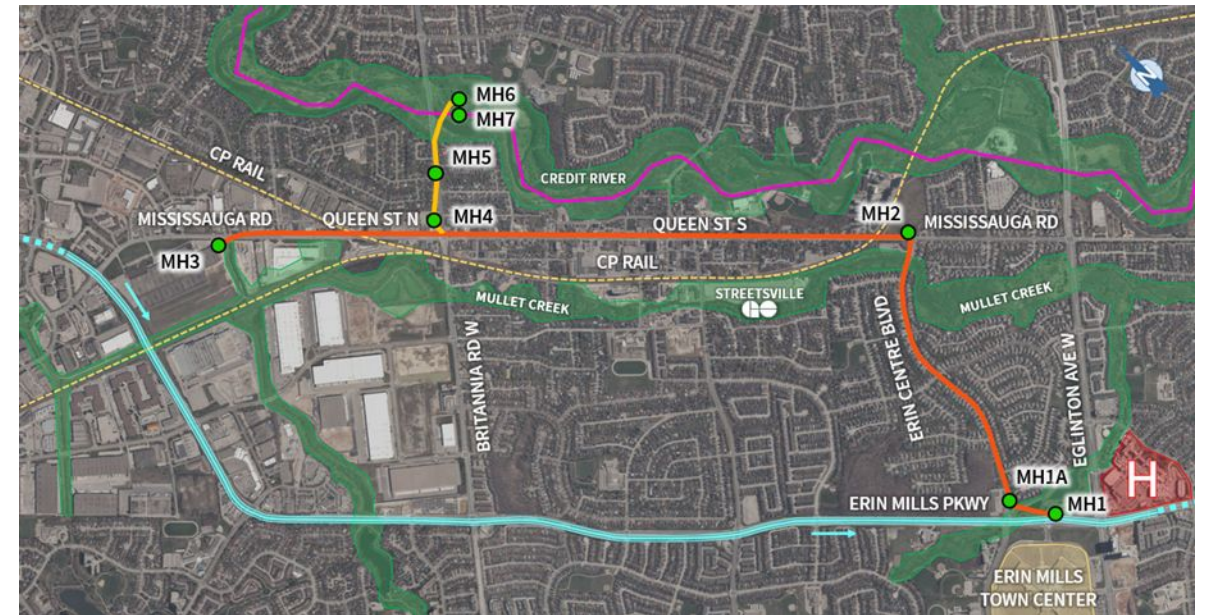
East Brampton Watermain

- Located in the Region of Peel the project includes:
 - Contract 1: 1500m of twin tunnels 1500 to 2400mm diameter tunnels, and 2,800m of 4.5 m rock tunnel and 2 deep shafts 8 to 22m in diameter
 - Contract 2: 3,140m of 4.5m diameter rock tunnel, 9 shafts (S6 to S14) ranging between 10 and 50m in depth with 3 to 14m in diameter.



West Trunk Diversion

- Located in the Region of Peel the project includes:
 - Diversion of flows from the existing Credit Valley Trunk Sewer to the West Trunk Sewer via three (3) diversion areas and two (2) major Trunk Sanitary Sewers for the Region of Peel within Mississauga
 - Approximately 6km of 15 – 45m Deep Trunk Sanitary Sewer (1200, 2400mmØ) complete with automated diversion structures.



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Quebec & Maritimes Tunnelling Updates



Tunnelling Association of Canada
Association canadienne des tunnels

Ongoing Projects

Blue Line Extension

- The Société de Transport de Montréal (STM – Montreal Transit Agency) has recently awarded the first contract of the extension program for the construction of the first contract of the Blue Line Extension that consist of excavation by rock TBM for a 5.8km long 10 m diameter tunnel with excavation of the shell of three stations and some ancillary structures .

- The STM has also launched this summer an industry outreach for other small contracts for excavation and constructions of other structures including stations and ancillary structures.



Lafontaine Tunnel Major Rehabilitation Project

•The western southbound tube is closed to traffic and the eastern tube that typically operates in northbound direction is being used in bidirectional operation. This allows repair work to be carried out inside the closed tube and installation of equipment and tunnel systems to follow. Structural repairs are based on damage conditions of existing structure and on elaborated scenarios to avoid disturbance to existing post tensioning cables. The rehabilitation work will also include a sacrificial reinforced concrete with polypropylene fiber to provide a passive fire protection on the lower part of the wall. Once repair work will be finished for the southbound tube a similar scheme will be carried out for the north bound tube. It is expected that lane closures will take up to three years to finish work that is needed for this major rehabilitation of the Lafontaine Tunnel.



Réseau Express Métropolitain - REM

- The South Shore Branch of the REM Project opened for operation for more than a year, which was an important step for the project but also a record for this fast-track project delivery. In fact, it took only 6 years from its inception to the commissioning of this branch. The rest of the branches are expected to follow with the West Island Branch to open next year and the Airport Branch to open in 2027.

- For the West Island Branch, the installation of the invert slab as well as subsequent trackwork has been completed for the 2.5 km long and 7.4 m diameter tunnel. The inside structure works related to the walkway and evacuation corridor have finished and the installation of the tunnel systems is ongoing.



Station ADM - REM

- Excavation of the ADM Station is complete and concrete work for inside structures is underway.



Tramwaw of Quebec Project

- The Provincial Government in collaboration of the City of Quebec has partnered with CDPQ Infra to reevaluate the feasibility of both the Third Link and the Tramwaw of Quebec. CDPQ has opted for a modified version for the Quebec Tramwaw Project.

- It is expected that studies for the new project will be procured through the partnership with

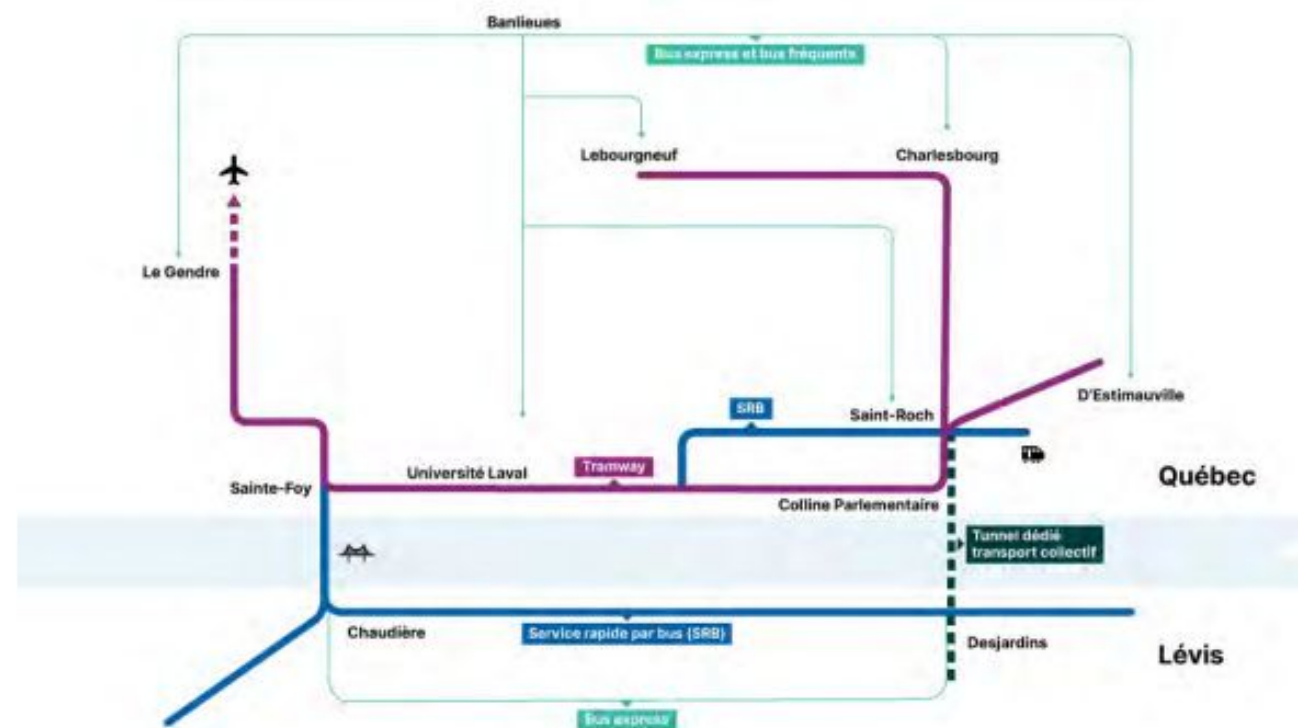


Figure 1 : Carte du Plan CITÉ

WTC2026 Update

Presented by: André Rancourt, VP East, TAC



MAY 15-21, 2026

Presenter:
André Rancourt
Chair

Venue: Palais des congrès de Montréal

- One large space connecting the technical program and the exhibitors
- Customs clearance on site
- Heavy equipment possibilities on the trade show floor



Theme of the Congress

« **Connecting** communities through underground infrastructure »

« **Connecter** les communautés au moyen d'infrastructures souterraines »

Key Dates

**March 1,
2025**

Abstract Submission Opening

**November 14,
2025**

Full Paper Submission Deadline

**May 30,
2025**

Abstract Submission Deadline

**December 19,
2025**

Full Paper Notification of Acceptance

**July 18,
2025**

Abstract Notification of Acceptance

**January 9,
2026**

Full Paper Revision Deadline

**October 24,
2025**

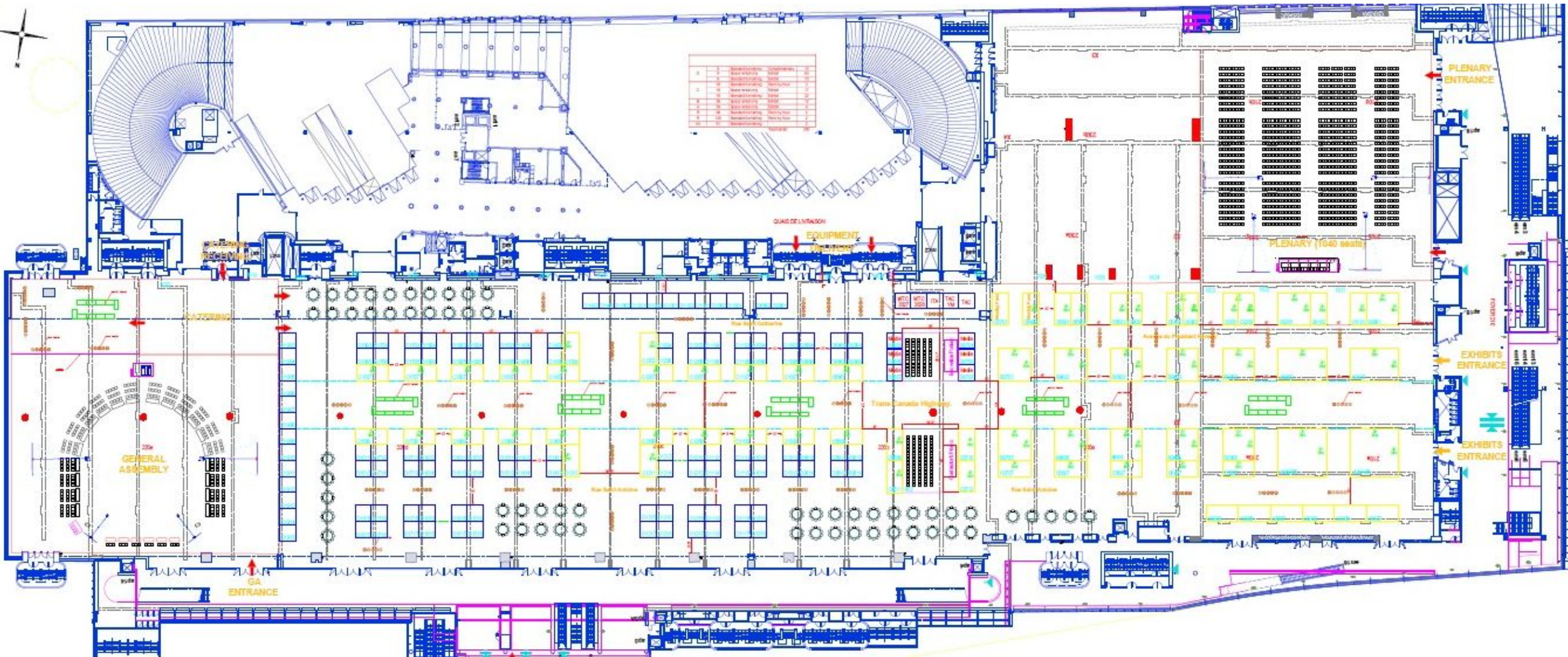
Full Paper Submission Opens

**January 16,
2026**

Final Paper Notification

Program

	FRI 15 MAY	SAT 16 MAY	SUN 17 MAY	MON 18 MAY	TUE 19 MAY	WED 20 MAY	THU 21 MAY
7:30				AUTHOR'S COFFEE	AUTHOR'S COFFEE	AUTHOR'S COFFEE	
8:30	ITA-CET TRAINING COURSE	ITA-CET TRAINING COURSE	ITA-AITES ExCo MEETING	OPENING CEREMONY & KEYNOTE LECTURE	ITA OPEN SESSION (Plenary)	Technical Sessions	ITA Young Members & Meetings
10:30	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK
11:00	ITA-CET TRAINING COURSE	ITA-CET TRAINING COURSE	ITA-AITES ExCo MEETING	TECHNICAL SESSIONS	ITA ACTIVITY NO. 1 (Plenary)	Technical Sessions	ITA Young Members & Meetings
12:30	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14:00	ITA-CET TRAINING COURSE	ITA-CET TRAINING COURSE	WG's MEETINGS	Technical Sessions	Technical Sessions	Technical Sessions	ITA General Assembly
15:30	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK
16:00	ITA-CET TRAINING COURSE	ITA-CET TRAINING COURSE	WG's MEETINGS	Technical Sessions	Technical Sessions	Technical Sessions	ITA General Assembly & Closing Ceremony
17:30				ITATECH DINNER	WTC2028 MEMBER NATION'S DINNER (by invitation only)		
18:00		ITA FAMILY MEET & GREET (by invitation only)	WELCOME RECEPTION	ITA YOUNG NETWORK EVENT	TAC AWARDS DINNER (TBC)	CONGRESS DINNER	
EVENING							



Booth dimensions	Surface (ft2)	Quantity	Total surface (ft2)	Number sold	Number available
10 ft X 10 ft	100	139	13 900	6	133
10 ft X 20 ft	200	54	10 800	0	54
20 ft X 20 ft	400	12	4 800	0	12
20 ft X 30 ft	600	2	1 200	0	2
30 ft X 30 ft	900	3	2 700	0	3
30 ft X 35 ft	1050	1	1 050	0	1
35 ft X 40 ft	1400	1	1 400	0	1
Total:		212	35 850	6	206

Planery room : 1040 seats

GA meeting room : 60 countries, 240 seats

ORGANIZATIONAL CHART



EXECUTIVE ORGANIZING COMMITTEE

DR. ANDRÉ RANCOURT, PHD, P. ENG.

Congress Chair
TAC Vice President East

DR. JEAN HABIMANA, PHD, P. ENG.

Congress Vice Chair
TAC Québec & Maritimes Director

RICK LOVAT, P. ENG.

Advisory Committee Chair
TAC Past President,
ITA Past Vice President

BRUCE DOWNING, MSC, DIC, P. ENG.

TAC President

DR. ERIK EBERHARDT, PHD, P. ENG.

Scientific Committee Chair
TAC Immediate Past President

MICHELLE RICHARDS, CPA

Finance Committee Chair

ANDRE SOLECKI, P. ENG., PMP

Program Committee Chair

DAN IFRIM, P. ENG.

Sponsors + Exhibit Chair



Budget Summary

REVENUS	Euros	US \$	\$ CAD
Partners and Sponsors	€ 390 285.00	436 659.00 \$	\$ 590 000.00
Registration	€ 1 258 710.55	1 408 271.62 \$	\$ 1 902 812.63
Accompanying Person	€ 6 310.71	7 060.55 \$	\$ 9 540.00
Exhibits area	€ 1 250 106.01	1 398 644.68 \$	\$ 1 889 805.00
Technical Tours	€ -	- \$	\$ -
Social Program (Congress Dinner)	€ 58 046.63	64 943.78 \$	\$ 87 750.00
Grants and local contributions	€ 176 887.60	197 905.54 \$	\$ 267 403.78
Total Conference Revenues	€ 3 140 346.49	3 513 485.17 \$	\$ 4 747 311.41
EXPENSES			
Management, legal, financial, insurance	€ 86 653.65	96 949.91 \$	\$ 130 995.69
Committees Expense	€ 22 485.71	25 157.48 \$	\$ 33 992.00
Registration Expense	€ 33 121.31	37 056.81 \$	\$ 50 070.00
Promotion & Marketing	€ 217 514.43	243 359.68 \$	\$ 328 820.00
Conference Publications/prints	€ 70 615.13	79 005.68 \$	\$ 106 750.00
Exhibition	€ 278 574.19	311 674.61 \$	\$ 421 125.00
Site Expenses	€ 601 962.81	673 488.55 \$	\$ 909 996.69
Virtual / Hybrid components	€ 143 049.38	160 046.63 \$	\$ 216 250.00
Food and beverages	€ 594 998.82	665 697.10 \$	\$ 899 469.12
Program Expense	€ 158 710.39	177 568.49 \$	\$ 239 925.00
ITA	€ 392 673.85	439 331.70 \$	\$ 593 611.26
ITA Meetings	€ 4 961.25	5 550.75 \$	\$ 7 500.00
Contingencies, Non-refundable Taxes	€ 384 066.61	429 701.73 \$	\$ 580 599.56
Total Conference Expenses	€ 2 989 387.51	3 344 589.11 \$	\$ 4 519 104.32
SURPLUS/(LOSS)			
Surplus	€ 150 958.99	168 896.06 \$	\$ 228 207.08
Surplus %			5%

Let's **connect** in
Montréal in 2026!

Connectons-nous à
Montréal en 2026 !



Young Member Report

Presented by: Nichole Boulton, Regional Director, TAC
(on behalf of Dani Delaloye, Director, TAC)

Young Member Report

2023 Young Members

- Student Members: 30 (including 5 new student members from Quebec for first time)
- Young Members : 97 (First time asking for this information on registration)

Current Young Members

- Student Members: 21 (Change of **-9**)
- Young Members : 82 (Change of **-15**)

TACym Committee Continues to be very active:

- TACym leadership met with CARMA & CDA young member leadership to discuss potential areas to collaborate across learned societies,
- Communications Sub-Committee continues to work closely with the magazine to produce one article per issue.
 - Safety article in Fall 2024 Canadian Tunnelling Magazine issue
- Continued Tunnelling 101 Presentations – 5 new recordings available

Tunnelling 101 – Webinar Series

An Introduction to the Sequential Excavation Method

Seenan Alam (Dr. Sauer and Partners) Nov. 1, 2023

How DO you Steer a TBM anyway? An intro to TBM guidance Technology

Mathias Knoll (VMT) Jan. 25, 2024

Introduction to Assembling and Launching a TBM

Carl-Georg Plum (Herrenknecht) Feb. 29, 2024

Shoring 101 – The Basics

Shawna Munn (Isherwood Associates) April 22, 2024

Dispute Review Boards – An Introduction and Personal Reflections

John Westland (Ground Truth Engineering) Aug. 22, 2024

All posted on the YouTube Channel and website!

Scholarships Committee

Presented by: Bruce Downing, President, TAC
(On behalf of Leila Sunderani, Director, TAC)

TAC Scholarship Committee - Eisenstein Scholarship

- Eisenstein Scholarship
- Awarded annually to a post-graduate student planning to undertake or currently undertaking post-graduate studies in the field of tunnelling
- Cash prize of \$6,000
- One-year TAC membership,
- Full registration and attendance at the next TAC Conference and Awards Banquet

TAC Scholarship Committee – TAC Undergraduate Scholarship

- TAC Undergraduate Scholarship
- Awarded annually and is intended to support undergraduate engineers in the fields of Geological or Civil Engineering who have a passion for tunnelling and further developing their skillset and career.
- Cash prize of \$2,000
- One-year TAC membership,
- Full registration and attendance at the next TAC Conference and Awards Banquet

TAC Scholarship Committee – Scholarships Results

Eisenstein Scholarship

- We had 5 applicants apply for the scholarship (7 applicants in 2023, 5 applicant in 2022, 5 applicants in 2021, 7 applicants in 2020, 9 in 2019 and 10 in 2018) with 4 that were eligible as 1 applicant was not a Canadian citizen or permanent resident.
- 5 different universities were represented including 1 from Dalhousie University

Undergraduate Scholarship

- We had a record number of applicants this year 22 total from 8 different schools (2023 – 10 applicants from 7 schools, 2022 – 4 applicants from 3 different schools, 2021 – 6 applicants from 6 schools)

TAC Scholarship Committee Updates

Scholarship Updates

Moving the targeted deadlines and submissions to coincide with School Calendar year has proven to attract more applicants

Chair - Leila Sunderani

New member joining committee - Glenn Mongillo

Communications Committee

Presented by: Andrew Caruana, Director, TAC

TAC Email Communications & Newsletter

- TAC Email audience: 2290 total contacts (members, non-members, sponsors)
- Average open rate: 39%
- # of emails shared (Oct 2023-Sept 2024): 87
- The bilingual TAC Newsletter is sent bi-monthly exclusively to all active TAC members
 - Includes diverse topics related to all new and ongoing initiatives happening with TAC
- Average open rate: 35-55% (depending on the time of year)
- Average click rate: 5-8%



Le français suit



TAC Social Media Channels

TAC's social media channels include LinkedIn, Instagram & Facebook

LinkedIn:

- **Highest performing TAC Social platform**
- TAC's main social platform for online content sharing thanks to its professional nature, and high engagement rates
- 142 total posts shared

Key Analytics from over the last year:

- 2,291+ followers (with ~120 more per month)
- 257,067 impressions generated
- 145,508 LinkedIn members reached
- 5,247 Reactions
- 24,282 Clicks
- 10.9% average engagement rate (high for industry standards)

Instagram :

- Content primarily geared towards the TACym community but also includes larger TAC topics
- 99 posts shared

Key Analytics from over the last year:

- 336 followers
- Reach: 1K
- Content interactions: 324
- Follows: 99
- Link clicks: 5
- Profile views: 332

Facebook:

- 2nd largest TAC social media audience with **1.6K followers & 1.5K page likes**
- Content shared on this platform is similar to the content on LinkedIn.
- Engagement on this social platform is low compared to the others but remains consistent.

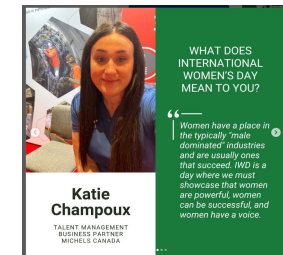
- 131 total posts shared

Key Analytics from over the last year:

- Reach: 10.2K
- Content interactions: 685
- Follows: 31
- Link clicks: 45
- Page visits: 1.3K

Key Campaigns to Note

- **TAC EDI Committee – International Women's Day Campaign (March 8, 2024)** Featured testimonials from women in the industry
- **TAC 2024 Awards Campaign (March 28, 2024, to May 28, 2024)** – Individually highlighted the 2023 Award winners in the lead up to the 2024 Award submission deadline
- **TACym Safety in the Workplace Campaign (June 19, 2024, to July 3, 2024)** - Prompted input from the TAC audience to share about things related to tunnelling safety you wish you'd known earlier in your career. The received submissions were answered in the Canadian Tunnelling Magazine.



Tunnelling Magazine Update

Presented by: Bruce Downing, President, TAC
(on behalf of Connor Langford, Director, TAC)

Canadian Tunnelling Magazine

- Continuing under the existing MOU to produce two issues each year
 - Magazine has been steadily building over the last few years
 - Continuing to establish a strong relationship with Tunnelling Journal
- Adding value for Individual and Corporate Members
 - New content – all issues are 35 pages now (up from 27 in early 2023)
 - Strong focus on industry projects / leaders, TAC news / conferences, YMs
 - Renewed focus on Corporate Members (thank you, TAC Directory)
- More social media / website focus
 - More information on the TAC website, all issues available to members in their portal
 - Social media pushes for each issue



IMAGE: Evergreen Line Tunnel, Coquitlam, BC, 2015

Canadian Tunnelling Magazine Overview

Canadian Tunnelling is the official magazine of the Tunnelling Association of Canada (TAC) and is the leading publication for the Canadian tunnelling and underground construction industry.

Produced in partnership with *Tunnelling Journal*, the magazine is issued twice per year (spring and fall). Each issue is packed with interesting articles, interviews with key influencers in the tunnelling industry, updates on upcoming and in progress tunnelling projects, and information on TAC activities and events.

The content of each magazine is developed by an Editorial Advisory Board (EAB) and the lead editor.

Have an idea for a future issue? TAC members are invited to submit ideas for project articles, news and events, and other noteworthy items to the editorial team. Feel free to reach out to them using the contact information below.

Contact Information

- Editorial Board Chair - Connor Langford: CTMagazine@tunnelcanada.ca
- Editor - Nicole Robinson: nicole@tunnellingjournal.com



Canadian Tunnelling Magazine

See below for all issues of Canadian Tunnelling Magazine – you can either click on the magazine cover to be taken to the digital E-reader, or click "Download" to get a PDF copy.



Canadian Tunnelling
September 2021

[Download](#)



Canadian Tunnelling
February / March 2022

[Download](#)



Canadian Tunnelling
September 2022

[Download](#)



Canadian Tunnelling
February 2023

[Download](#)

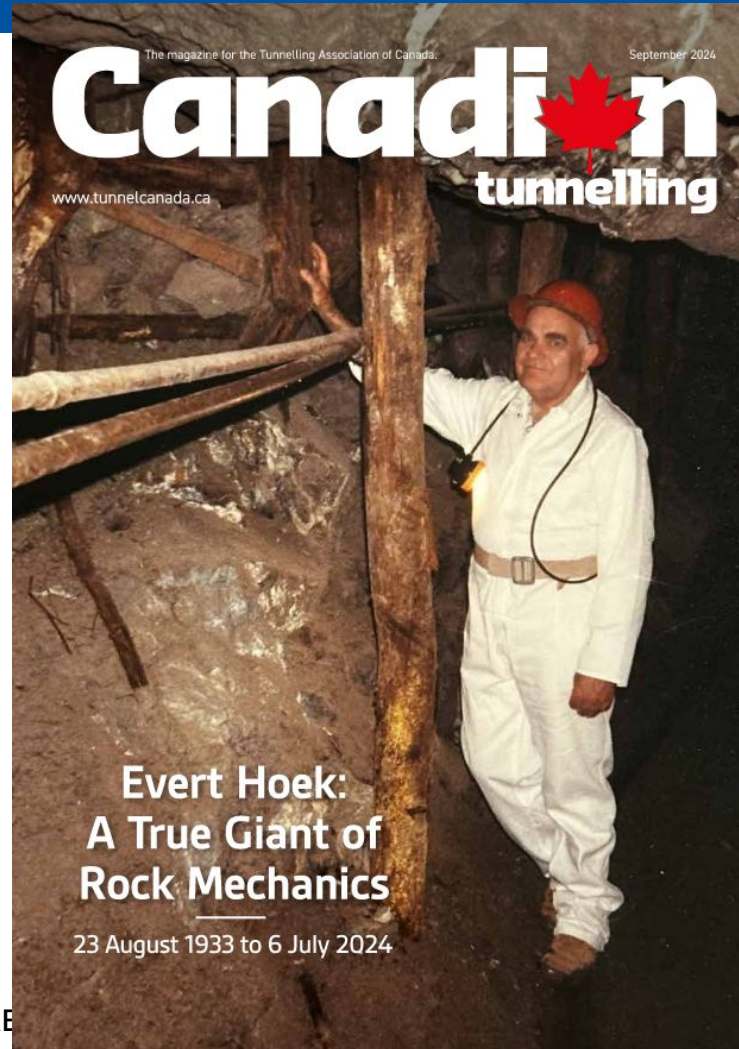


Canadian Tunnelling
September 2023

[Download](#)

Immersive reader and PDF options in members area

2024 Issues & Comms



THE NEXT ISSUE OF CANADIAN TUNNELLING IS NOW AVAILABLE!

IN THIS ISSUE:

- Celebrating the TAC2023 conference and award winners
- TAC's EDI Task Force and how they're making a difference
- ITA celebrates two great Canadian projects
- The TAC Canadian Tunnelling Projects Dashboard is now live!
- Updates on TAC2024 and WTC2026 in Montreal

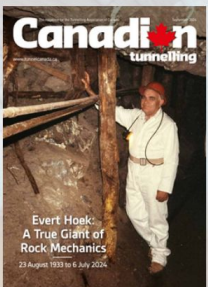


TAC members can access all editions of Canadian Tunnelling (including this one!) from their account on the TAC website:

THE NEXT ISSUE OF CANADIAN TUNNELLING IS NOW AVAILABLE!

IN THIS ISSUE:

- Articles on the hydropower market and the life and times of Dr. Evert Hoek
- Updates on the upcoming TAC2024 conference and WTC 2026
- Announcement of the 2024 TAS Scholarship Award Recipients
- Updates on Canadian tunnelling and underground projects



TAC members can access all editions of Canadian Tunnelling (including this one!) from their account on the TAC website:
<https://www.tunnelcanada.ca/members/>

Corporate Benefits

Tunnelling Association of Canada - Association canadienne des tunnels CORPORATE SPONSORS

ABC Ventilation Systems https://abcventilation.com/	Geocontrol SA http://www.geocontrol.es/
Accuwork Inc. http://accuwork.ca/	Geoform Canada Ltd. http://geoformcanada.com/
Aecon Group Inc. https://www.aecon.com/	GeoVerra https://www.geoverra.com/
AECOM https://www.aecom.com/	GHD https://www.ghd.com/en-ca/index.aspx
Aggreko https://www.aggreko.com/en-ca	Ghella Canada Ltd. http://www.ghella.com/en
Arup http://arup.com/Global_locations/Canada/Toronto.aspx	Hatch https://www.hatch.com/
ASI Group Ltd. http://asi-group.com/	Herrenknecht Tunneling Systems USA, Inc. http://www.herrknecht.com/en/home.html
Barnard Constructors of Canada LP https://www.barnard-inc.com/	IMEX International Inc. http://www.imexworldwide.com/
Bekaert https://www.bekaert.com/	Integrated Wireless Innovations Ltd https://www.i-wi.ca/
Brierley Associates Corporation https://www.brierleyassociates.com/	Jay Dee Canada ULC https://www.jaydee.us/
Concrete Equipment Ltd http://concrete.ca/	J-CON Civil LTD. http://www.j-concivil.com/
CIMA+ https://www.cima.ca/en/	Keller Foundations https://www.kellerfoundations.ca/
C&M McNally Engineering Corp http://www.mcnally.ca/	Lovat Tunneling Solutions https://lovat-ts.com
CMP International Inc. http://www.cmpcanada.com	Michels Canada https://www.michelscanada.com/
Construction Demathieu & Bard (CDB) Inc. https://cdbtechno.com/en/	Monteith & Sutherland Limited https://mssurvey.com/
COWI https://www.cowi.com/	Mott MacDonald https://www.mottmac.com/
CRT Construction Inc. http://www.crtconstruction.ca/en	Pomerleau Inc. https://pomerleau.ca
CSI TUNNEL SYSTEMS LLC - CSITS-FPP LP www.csigroup.com	Region of Peel - Public Works http://www.peelregion.ca/pw/construction/
Daedalus Safety Group https://www.daedalusafetygroup.com/	Sandvik Mining and Rock Solutions https://www.rocktechnology.sandvik
Di-Corp http://www.di-corp.com/	Sika Canada Inc. https://can.sika.com/
Dr. G Sauer & Partners Corporation http://www.dr-sauer.com	Southland http://www.southlandholdings.com/
Earth Boring Co. Limited http://www.eartboring.ca/	Strata Worldwide https://www.strataworldwide.com/
EBC Inc. https://ebcinc.com/en/	Traylor Bros. Inc. https://www.traylor.com/
EW+ GENERAL PARTNERSHIP https://eweplus.ca/	TYPSA Inc. https://www.typsa.com/en/
FCC Canada Ltd https://www.fccco.com/en/home	Underhill Geomatics Ltd. http://www.underhill.ca/
Flatiron Constructors Canada Limited https://www.flatironcorp.com/	WJ Groundwater https://wjgroup.org/locations/wj-canada/



Canadian Tunnelling Dashboard

Presented by: Bruce Downing, President, TAC
(on behalf of Connor Langford, Director, TAC)

Canadian Tunnelling Dashboard



- Motion brought to TAC BOD in 2022 to fund a “special project”
 - Focus was on showing upcoming project information graphically
 - Mott MacDonald led work – non-commercial rates, no Board Member time
- Database went “live” in 2023 and has been growing since
 - Version 1: launched TAC2023 – over 30 “active” and 50 “completed” projects
 - Version 2: grew during 2024, jumped to over 200 projects!
- Next Steps
 - Transition plan being developed to move database from MM to TAC in 2024
 - Will finish **under budget** – no special project funding required in 2025



IMAGE: Evergreen Line Tunnel, Coquitlam, BC, 2015

Overview

The Tunnelling Association of Canada (TAC), in association with **Mott MacDonald**, has developed a free GIS-based **Tunnel Dashboard** that showcases Canadian tunnelling projects.

The purpose of the dashboard is to:

- Provide knowledge about the size of the Canadian tunnelling industry;
- Support owners in advertising upcoming project work; and
- Assist consultants, construction companies and other interested parties by providing vital information on upcoming projects early in the planning and procurement process.

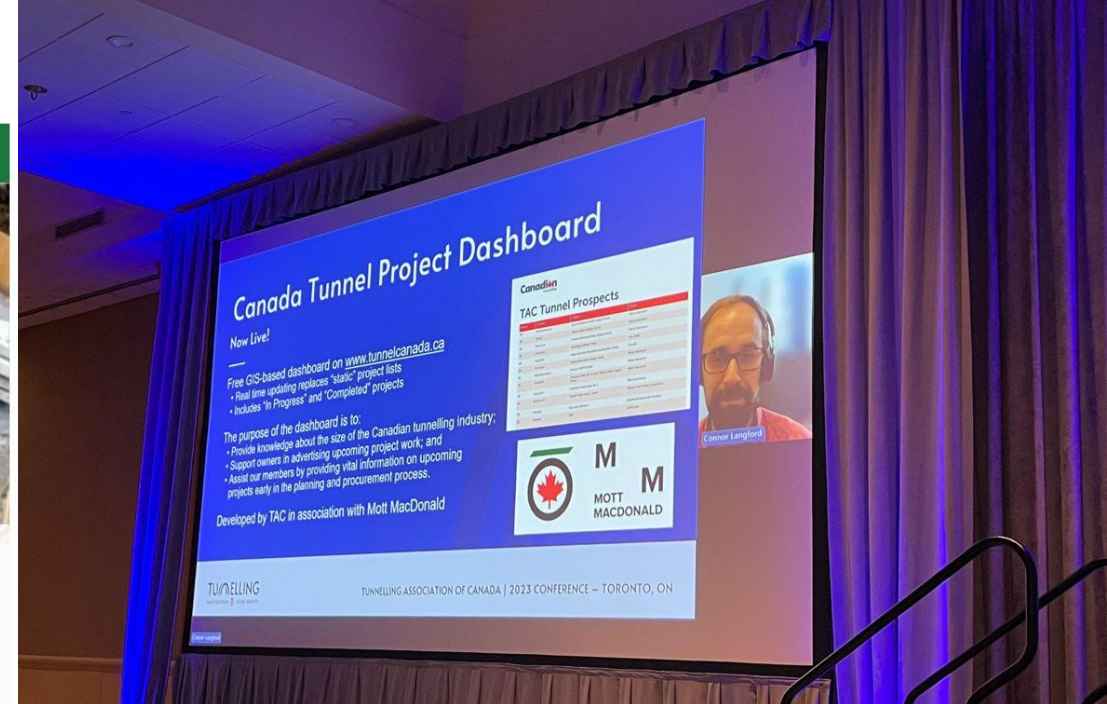
The entries included in the database involve microtunnel and tunnel excavations, and can include any number of other elements (i.e., large shored excavation, shafts, portals, etc.).

Projects are grouped into two main categories:

- **Active:** currently in the planning, design, procurement or construction phase.
- **Completed:** construction has been completed and the tunnel is in operation.

The dashboard is updated regularly and can be accessed [here](#).

If you have questions about the dashboard, or wish to provide project information, please reach out to connor.langford@mottmac.com.



TAC Dashboard – Version 2.0 is now Live!

The TAC is excited to announce that the Canadian Tunnelling Projects Dashboard has undergone a major upgrade to Version 2.0!

The purpose of the dashboard is to increase knowledge about the Canadian tunnelling industry, as well as provide consultants, construction companies and other interested parties with vital information early in the planning and procurement process.

This update includes an extensive increase of projects across Canada, including:

- 57 active projects (an increase of 25 projects!)
- 145 completed / historic projects (an increase of 92 projects!)

The dashboard can be accessed on the TAC website at the link below:

https://www.tunnelcanada.ca/tpd_dashboard.php

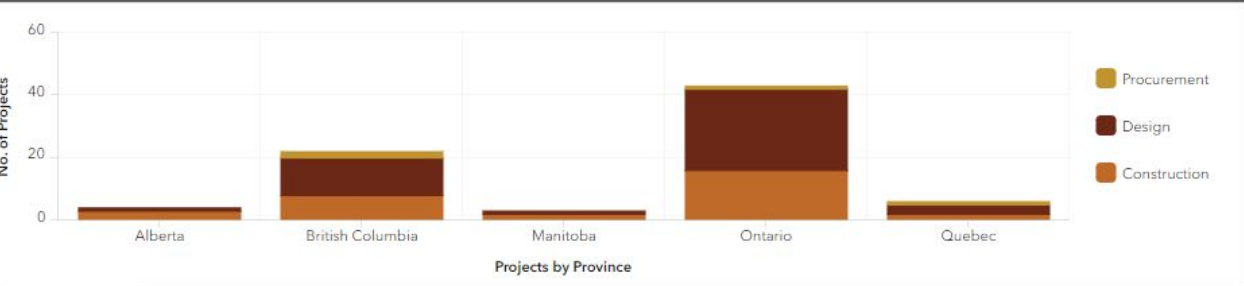
For any questions about the dashboard, or to provide project information, please reach out to connor.langford@mottmac.com.



Canada Tunnel Project Dashboard (BETA version 1.3)

Project Name	Province	City / Region	Sector	Project Type
Calgary Green Line Segment 2A	Alberta	Calgary	Transportation	New Build
Comox Valley Sewer Conveyance Project	British Columbia	Comox	Utility	New Build
Annacis Water Supply Tunnel	British Columbia	New Wesminster / Surrey	Utility	New Build
Stanley Park Water Supply Tunnel	British Columbia	Vancouver	Utility	New Build
Pitt River Water Supply Tunnel	British Columbia	Port Coquitlam	Utility	New Build

In Progress Completed



In Progress Completed

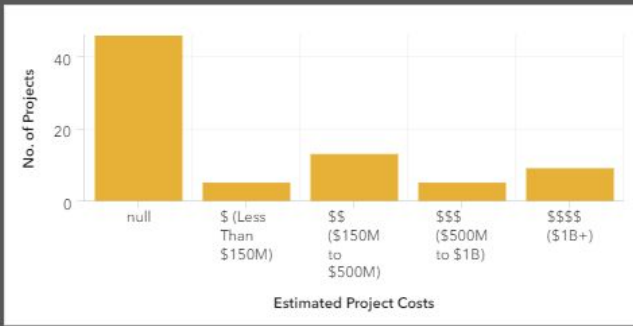


Disclaimer: This dashboard is provided by and is solely for TAC's specific purposes. This dashboard is for information purposes only, and should not be relied upon and/or used for any other purpose whatsoever, including without limitation, for making engineering, business decisions or otherwise. Mott MacDonald and TAC accept no responsibility whatsoever for the consequences of this dashboard: (i) being relied upon by any party(ies); (ii) being used in any manner based on or derived from the dashboard for any purpose whatsoever, including without limitation, for making engineering, business decisions or otherwise.



Esri, USGS | Esri, TomTom, FAO, NOAA, USGS, NRCan Powered by Esri

- Annacis Water Supply Tunnel
- Annacis WWTP Outfall
- Ashbridges Bay Treatment Plant - Integrated Pumping Station Contract 3



Equity, Diversity and Inclusion Task Force

Presented by: Nichole Boulton, Regional Director, TAC
(on behalf of Dani Delaloye, Director, TAC)

Equity, Diversity and Inclusion Task Force

Key Updates

- Our Team
- Successes
- Current Initiatives
- Future Initiatives

Our Team



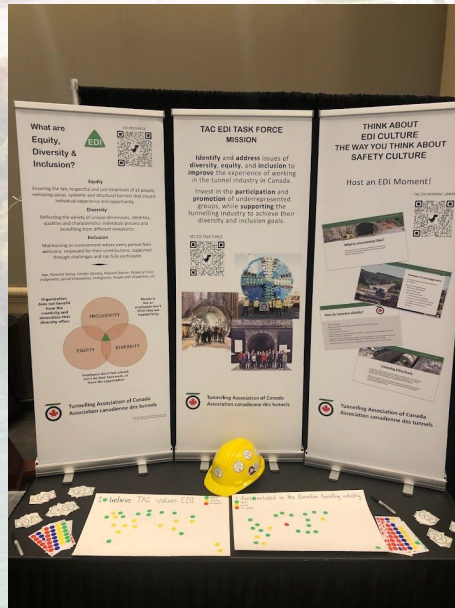


Our mission:

- Identify and address issues of diversity, equity, and inclusion to improve the experience of working in the tunnel industry in Canada.
- Invest in the participation and promotion of underrepresented groups, while supporting the tunnelling industry to achieve their diversity and inclusion goals.

TAC2023 Conference

- Networking Session
- Technical Workshop
- Interactive Booth



Coordination with other organizations



ITA

- Presented Roadmap to ITA and now Lead EDI Task Force
- Launched Task Force initiative at WTC
- White paper developed and presented to leadership
- Working to develop survey

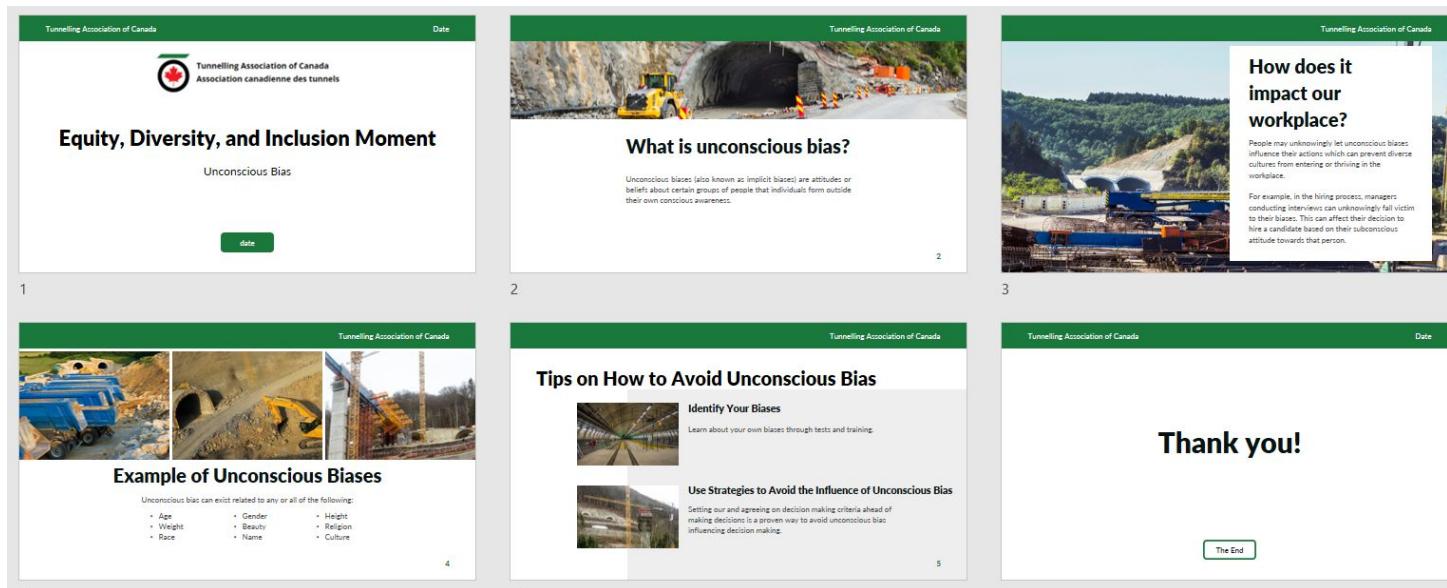


Australian Tunnelling Society

- Continue to meet with team quarterly to share ideas, successes and lessons learned



Growing EDI Moment Library and Web Resources



- Allyship & Being an Ally
- Humility and Respect
- Indigenous Peoples of Canada
- Land Acknowledgements
- Listening
- Microaggressions
- Unconscious Bias
- Diverse Holiday Celebrations
- Universal Accessibility

Continued Social Media, Communications and Presentations



Equity, Diversity and Inclusion

TAC's new EDI Task Force has grown into an industry-leading resource

In late 2021, Dani Delaloye, Mott MacDonald, approached the TAC Board about doing more to focus on equity, diversity and inclusion (EDI).

Speaking with other industry members and thinking about past TAC events, she knew more could be done in this realm. And the board agreed, establishing the TAC EDI Task Force at that very same meeting.

Over the last two years, the group has quickly gained members and is forging ahead with new initiatives for Canada as

What are Equity, Diversity and Inclusion?

EQUITY

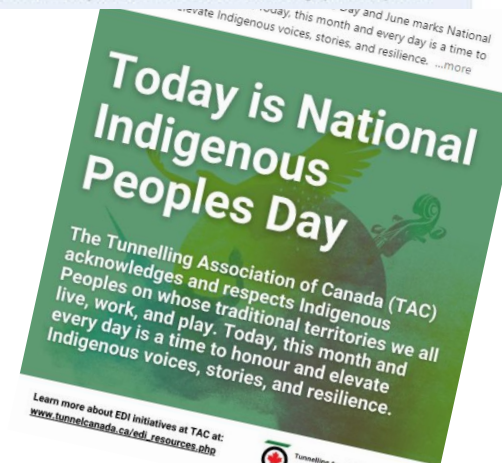
The fair and respectful treatment of all people.

DIVERSITY

The demographic mix of the community, with a focus on the representation of equity-deserving groups.

INCLUSION

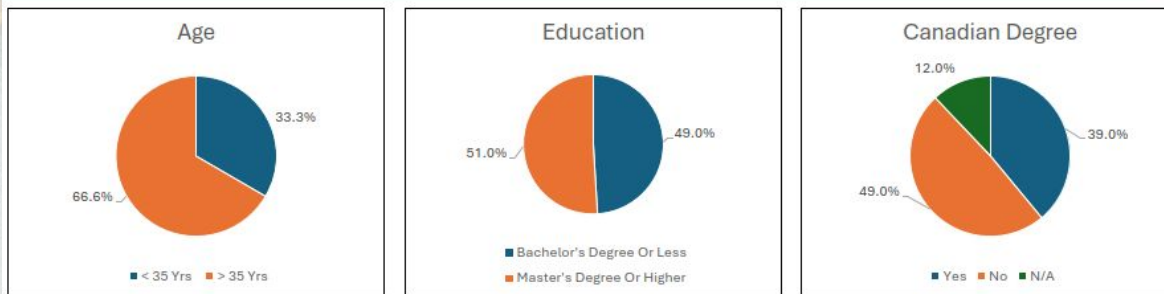
An environment where everyone feels welcome, is treated with respect, and is able to fully participate.



Survey

- Launched at 2023 conference
- Partnered with researchers in EDI space to develop questions and who helped analyze data
- Preliminary presentation of results

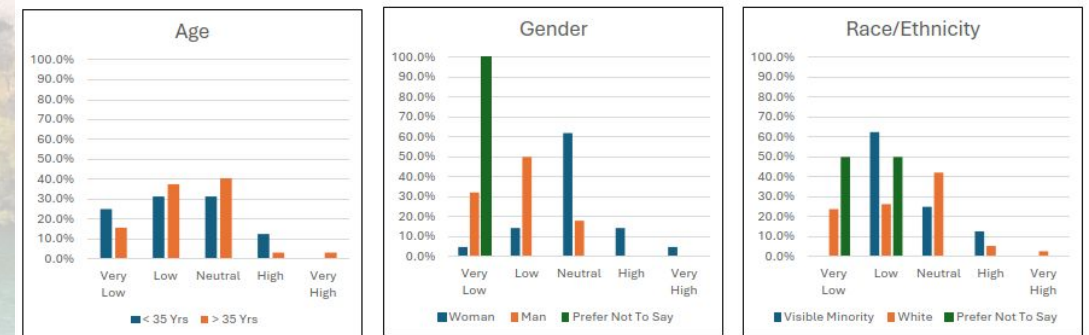
Demographic Profile (N = 50 Respondents)



Some Interesting Descriptive Findings

- Respondents who identified as men and/or are over the age of 35 reported slightly higher perceptions of inclusion within TAC.
- Respondents who have been in the industry for less than 10 years, are under the age of 35 and/or completed their bachelor's degree or college diploma at a Canadian institution reported slightly lower perceptions of organizational support from TAC than other respondents.
- Respondents who are under the age of 35 reported slightly lower perceptions of TAC's value for diversity.

Perceptions of Negative Gender Equity (based on demographics)



Future Initiatives

- Mentorship program in coordination with Young Members
 - Looking at traditional, peer and reverse mentorship
- Continued global leadership and influence
- Truth and Reconciliation calls to action
- Survey data analysis and next steps



OTHER BUSINESS



ADJOURNMENT