



Minutes of the 2024 TAC Annual General Meeting
Sunday, October 6th, 2024, 3:30 PM – 5:00 PM EST
Hotel Bonaventure, Montreal, Q.C.

Members of the TAC Board of Directors in Attendance:

Bruce Downing, President; Erik Eberhardt, Immediate Past President; Andre Solecki, Secretary; Jason Mann, VP West; Andre Rancourt, VP East; Dan Ifrim, Director, Ontario; Stephanie Robillard, Director, BC Region; Nichole Boulton, Director; Glen Mongillo, Director; Andrew Caruana, Director; Mohammed Al-Bataineh, Director

Board of Director Regrets: Michelle Richards, Treasurer; Alberta; Connor Langford, Director. Leila Sunderani, Director; Seamus Tynan, Director. Mark Diederichs, Director; Jean Habimana, Director, Quebec and Maritimes; Boro Lukajic, Director;

1. Welcome and Introductions

The President opened the meeting at 3:30 PM EST and welcomed all attendees to TAC's 2024 Annual General Meeting. The President introduced the Board attendees present in the room.

2. Motion to approve the 2024 TAC AGM Agenda

Motion: Moved by Nichole Boulton, seconded by Andrew Caruana, that the agenda of the 2024 TAC Annual General Meeting be approved – carried.

3. Acceptance of the 2023 AGM Minutes

The draft minutes of the 2023 AGM were posted on the TAC website and were referenced in the Notice of AGM sent to all active members. There was no discussion or requests for changes.

Motion: Moved by Glen Mongillo, seconded by Dan Ifrim, that the minutes of the 2023 TAC Annual General Meeting be approved – carried.

4. President's Report

The President gave a broad overview of the 2023/2024 activities, underscoring another very successful year for TAC, including but not limited to:

- 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, led by Seamus Tynan.
- 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)
- 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

The President gave a high level overview of the Board Officers and Directors, including key Redstone Agency staff.

5. **Special Resolution for AGM Scheduling**

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: Moved by Nichole Boulton, seconded by Jean Habimana, 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 – carried.

6. **2024 Membership Report and Targets for 2025**

Dan Ifrim outlined how membership has been steadily increasing over the past 5 years.

Membership at a Glance:

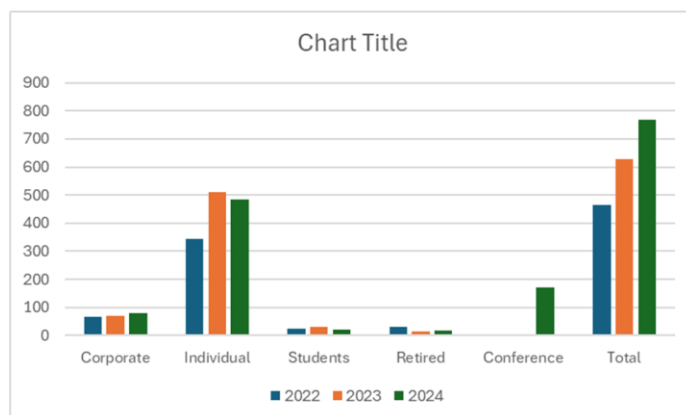
Membership Type	Alberta	British Columbia	Manitoba & Prairies	Ontario	Quebec & Atlantic	Total Canada	International	TOTAL
Corporate	7	9	5	39	7	67	12	79
Individual	24	76	6	260	56	422	61	483
Students	1	4	0	15	1	21	0	21
Retired	2	4	0	5	2	13	3	16
Total	34	93	11	319	66	523	76	599
Non-Member Registrations (granted 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



7. Treasurer's Report

The President presented on behalf of Michelle Richards who was absent. The President opened by mentioning that the Treasurer role will require a skilled replacement as soon as possible, the announcement will be going out to the membership shortly.

2023

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	\$72,537
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

Audited Financial Statements

Motion: Moved by Dan Ifrim, seconded by Andrew Caruana, to approve the 2023 Financial Statements – carried.

Proposed 2025 Budget

The President gave an overview of the proposed TAC 2025 budget.

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)

Motion: Moved by Mohammed Al-Bataineh, seconded by Andre Solecki to approve the 2025 budget as presented – carried.

8. 2025 TAC Officer Election and Board of Directors

Erik Eberhardt presented the 2025 Board of Directors slate:

	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
	Leila Sunderani	Director	Scholarship Committee Chair	E	CS	GHD	1.5	DEC 31, 2025
	Walter Milani	Director	(new to board)	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 Board 2025 – Direction 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)

Motion: The Board previously motioned and approved the Board of Directors slate as presented. Erik motioned to approve the current slate, all in favour – carried.

9. Regional Reports

TAC West, Presented by Jason Mann

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

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

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.

TAC East, Presented by André Rancourt

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 (OTG) 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.

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 1 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.

Quebec & Maritimes

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.

Tramway 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 Tramway of Quebec. CDPQ has opted for a modified version for the Quebec Tramway Project.
- It is expected that studies for the new project will be procured through the partnership with

10. WTC 2026 Update

André Rancourt presented:

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:

- « **Connecting** communities through underground infrastructure »
- « **Connecter** les communautés au moyen d'infrastructures souterraines »

Key dates:



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

TAC AGM, Montreal, Octobre 6, 2024



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 10
SURPLUS/(LOSS)			
Surplus	€ 150 958.99	168 896.06 \$	\$ 228 207.08
Surplus %			

TAC AGM, Montreal, Octobre 6, 2024

11. Young Members Report

Presented by Nichole Boulton on behalf of Dani Delaloye

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

Tunneling 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!

12. Scholarships Committee Update

Presented by Bruce Downing on behalf of Leila Sunderani

Einstein 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 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

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 Calander year has proven to attract more applicants
- Chair - Leila Sunderani
- New member joining committee - Glenn Mongillo

13. Communications Committee Update

Presented by Andrew Caruana

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%

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.

Key Analytics from over the last year:

- 131 total posts shared
- 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.

14. Tunnelling Magazine Update

Presented by Bruce Downing on behalf of Connor Langford

- 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

15. Tunnel Database Project Update

Presented by Bruce Downing on behalf of Connor Langford

- 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

16. EDI Taskforce Update

Presented by Nichole Boulton on behalf of Dani Delaloye

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.

2023 TAC Conference saw networking sessions, a technical workshop and an 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

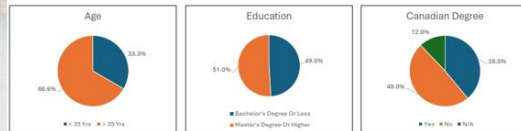
- **Allyship & Being an Ally**
- **Humility and Respect**
- **Indigenous Peoples of Canada**
- **Land Acknowledgements**
- **Listening**
- **Microaggressions**
- **Unconscious Bias**
- **Diverse Holiday Celebrations**
- **Universal Accessibility**

Survey

Survey

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

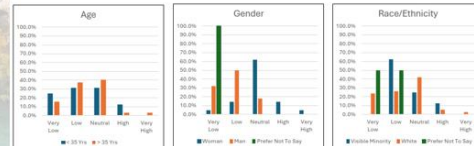
Demographic Profile (N = 50 Respondents)



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

17. Other Business

- The President mentioned that TAC is sitting on half a million dollars in net assets and looking to make investments in revenue generating initiatives in 2025. TAC leadership is open to new ideas from the membership.
- The President invited Stephanie Robillard to the podium to accept a gift from the Board to thank her for her years of service.

18. Adjournment

The President called for a motion to adjourn the meeting at 5:00 pm EST.

Motion: Moved by Bruce Downing, all in favour, that the 2024 Tunnelling Association of Canada Annual General Meeting be adjourned – carried.