

Canadian Dam Association
Association canadienne des barrages

MISSION: To encourage cooperation, advance technical knowledge, and build competency related to dams in Canada.

Agenda Item 2.1

* - signifies attachment

BOARD OF DIRECTORS MEETING

Date: Monday, January 8, 2024
Time: Meeting – 1:00 to 2:00 pm ET

Place: Teams Meeting – Details in Calendar Invite

SPECIAL MEETING AGENDA

4.1		<u>Call to Order</u> If you join the meeting <u>after</u> the roll call, please announce your presence.	[1:00 ET]
2.0	2.1	Agenda Approval of the Agenda * Draft motion: Be it resolved that the Board approves the agenda of this Special Board meeting as presented / amended.	[1:03 ET]
3.0		CanExport 2023-24 Application Overview Briefing: * (M. Smith)	[1:05 ET]
	3.1	CDA Application Package 1, * - page 2 - ICOLD INDIA - September 27 to October 3 2024 Draft motion: Be it resolved that the Board approves inclusion of Package 1 in the CanExport application.	[1:15 ET]
	3.2	CDA Application Package 2, * - page 2 - INCA - Puerto Rico May 21-24 2024 Draft motion : Be it resolved that the Board approves inclusion of Package 2 in the CanExport application.	[1:25 ET]
	3.3	CDA Application Package 3, * - page 2 - MINING EVENT - TAILINGS CHILE - June 12-14 2024 Draft motion: Be it resolved that the Board approves inclusion of Package 3 in the CanExport application.	[1:35 ET]
	3.4	CDA Application Package 4, * - page 3 - CDA Conference NIAGARA FALLS September 22-25 2024 Draft motion : Be it resolved that the Board approves inclusion of Package 4 in the CanExport application.	[1:40 ET]



Adjournment

Canadian Dam Association Association canadienne des barrages

	3.5	CDA Application Package 5, * - page 4 - Delivery of in-person/virtual presentations/workshops - Translation of Marketing Materials - Marketing materials Draft motion: Be it resolved that the Board approves inclusion of Package 5 the CanExport application.	[1:45 ET
4.0		Regional Directors' Reports	[1:50 ET
		(5 minutes each – please provide a verbal Summary of your report)	
	4.1	Nova Scotia * (A. Campbell)	
	4.2	Manitoba * (B. Earl)	
	4.3	Saskatchewan * (A. Ruecker)	
5.0		New Business	
	5.1	Appreciation Letter from NICOLD *	

[2:00 ET]

	1	otal Estimated Expenses	CanExport tribution (50%)	CD	A Contribution (50%)	Canadian Company Contribution (50%)	ind Company bution (50%)	NELSAP/WB Contribution (50%
Package 1 Activity 1 - ICOLD INDIA - September 27 to October 3 2024	\$	178 740,00	\$ 89 370,00	\$	11 486,15	\$ 77 883,85		
Package 2 - INCA - Puerto Rico May 21-24 2024	\$	37 280,00	\$ 18 640,00	\$	6 448,00	\$ 12 192,00		
Package 3 - MINING EVENT - TAILINGS CHILE - June 12-14 2024	\$	42 900,00	\$ 21 450,00	\$	5 775,00	\$ 15 675,00		
Package 4 - CDA Conference NIAGARA FALLS September 22-25 2024	\$	147 000,00	\$ 73 500,00	\$	1 000,00		\$ 72 500,00	\$ -
Package 5 - Activity 1 - Delivery of in-person/virtual presentations/workshops	\$	40 150,00	\$ 20 075,00					\$ 20 075,0
Package 5 - Activity 2 - Translation of Marketing Materials	\$	17 000,00	\$ 8 500,00	\$	8 500,00			
Package 5 - Activity 3 - Marketing materials	\$	1 500,00	\$ 750,00	\$	750,00			
TOTAL APPLICATION (April 1st 2024 to March 31 2025)	\$	464 570,00	\$ 232 285,00	\$	33 959,15	\$ 105 750,85	\$ 72 500,00	\$ 20 075,0
TOTAL APPLICATION 2023-2024	\$	348 550,00	\$ 174 275,00	\$	36 909,09	\$ 78 215,91	\$ 43 500,00	\$ 16 650,0
Key Dates for the 2024-25 Application Process				\$	12 223,00 i	n CDA 2023-24 Fiscal Year		
Launch: November 28, 2023				\$	21 736,15 i	n CDA 2024-25 Fiscal Year		

Applicants are encouraged to propose activities that align with $\underline{\text{Canada's Indo-Pacific Strategy}}.$

* The Indo-Pacific comprises 40 countries and economies: Australia, Bangladesh, Bhutan, Brunei, Cambodia, Democratic People's Republic of Korea (DPRK), India, Indonesia, Japan, Laos, Malaysia, Maldives, Mongolia, Myanmar, Nepal, New Zealand, the Pacific Island Countries (14), Pakistan, People's Republic of China (PRC). The Philippines, Republic of Korea (ROK), Singapore, Sri Lanka, Taiwan, Thailand, Timor Leste, and Vietnam.

Outputed to Deadline for Applications Issue

Submission Deadline for Application: January 9, 2024 at noon / 12:00 p.m. EST

Notes:

Maximum threshold/ask of \$250,000 per application

Applicants must seek a minimum of \$20,000 in funding, and may seek a maximum of \$250,000.

CanExport Associations' will reimburse up to 50% of eligible expenditures. The approved applicant's share must be at least 50%, which must come from financial resources generated from private revenues.

Applicants can propose up to five packages and can seek a maximum of \$100,000 in assistance per Package. (Packages are groupings of activities that are related/complementary.)

Within the maximum of \$250,000 CanExport Associations contribution, the maximum amount available to the applicant for assistance to companies is \$150,000.

Within the maximum of \$250,000 contribution, there is no maximum amount allowable for incoming buyers missions

Darkage 1	: Marketing	at Intl	Events of	Dam	Industry

TOTAL 3 PACKAGES

Number of Canadian Companies

		То	Total Estimated Expenses Actual Expenses		CanExport Contribution (50%)		CDA Contribution (50%)		Co	Company ontribution (50%)
				·						
Package 1 Activity 1 - ICOLD INDIA	- September 27 to October 3 2024									
Airfare association	2 people @ \$3000	\$	6 000,00		\$	3 000,00	\$	3 000,00		
Per-diem Association	2 people @ \$400 x 9 d	\$	7 200,00		\$	3 600,00	\$	3 600,00		
Taxi-bus-car Association	2 people @ \$300	\$	600,00		\$	300,00	\$	300,00		
Registration Association	1 person (assume 1 free with booth)	\$	2 100,00		\$	1 050,00	\$	1 050,00		
Visa Association	2 people @ \$150	\$	300,00		\$	150,00	\$	150,00		
Booth Fees	Canada Pavilion	\$	47 040,00		\$	23 520,00	\$	1 809,23	\$	21 710,77
Equipment Fee	For Booth	\$	2 000,00		\$	1 000,00	\$	76,92	\$	923,08
Shipping	Ship booth and materials	\$	2 000,00		\$	1 000,00	\$	1 000,00		
Workshop	In-person speaker @ 1,400/d for 0.5 day	\$	700,00		\$	350,00			\$	350,00
Airfare Cdn Company	12 people @ \$3000	\$	36 000,00		\$	18 000,00			\$	18 000,00
Per-diem Cnd Company	12 people @ \$400 x 9 d	\$	43 200,00		\$	21 600,00			\$	21 600,00
Taxi-bus-car Cnd Company	12 people @ \$300	\$	3 600,00		\$	1 800,00			\$	1 800,00
Registration Company	12 people @ \$2100	\$	25 200,00		\$	12 600,00			\$	12 600,00
Visa Company	12 people @ \$150	\$	1 800,00		\$	900,00			\$	900,00
Printing	Promotional material	\$	1 000,00		\$	500,00	\$	500,00		
TOTALS ACTIVITY		\$	178 740,00		\$	89 370,00	\$	11 486,15	\$	77 883,85

			4 N	lumber of Canadian	Companies				
		Tot	tal Estimated		CanExport	C	DA Contribution		Company
			Expenses		Contribution (50%)		(50%)	Con	tribution (50%)
Package 2 - INCA - Puerto Rico I	May 21-24 2024								
Airfare association	2 people @ \$1500	\$	3 000,00	9	1 500,00	\$	1 500,00		
Per-diem Association	2 people @ \$400 x 5 d	\$	4 000,00	Ç	2 000,00	\$	2 000,00		
Taxi-bus-car Association	2 people @ \$300	\$	600,00	Ç	300,00	\$	300,00		
Registration Association	1 person (assume 1 free with booth)	\$	1 000,00	Ş	500,00	\$	500,00		
Visa Association	none required	\$	-	9	-	\$	-		
Booth Fees	5 tables @ 800USD for Canada Pavilion	\$	4 480,00	9	2 240,00	\$	448,00	\$	1 792,00
Equipment Fee	For Booth	\$	2 000,00	Ş	1 000,00	\$	200,00	\$	800,00
Shipping	Ship booth, equip. and materials	\$	2 000,00	Ş	1 000,00	\$	1 000,00		
Airfare Cdn Company	4 people @ \$1500	\$	6 000,00	9	3 000,00			\$	3 000,00
Per-diem Cnd Company	4 people @ \$400 x 5 d	\$	8 000,00	Ş	4 000,00			\$	4 000,00
Taxi-bus-car Cnd Company	4 people @ \$300	\$	1 200,00	Ş	600,00			\$	600,00
Registration Company	4 people @ \$1000	\$	4 000,00	Ş	2 000,00			\$	2 000,00
Visa Company	none required	\$	-	9	-			\$	-
Printing	Promotional material	\$	1 000,00	9	500,00	\$	500,00		
TOTALS ACTIVITY		\$	37 280,00 \$	- \$	18 640,00	\$	6 448,00	\$	12 192,00

			tal Estimated Expenses		CanExport ribution (50%)	CDA	A Contribution (50%)	Suppo	rt to Companie (50%)
Package 3 - MINING EVENT - TA	AILINGS CHILE - June 12-14 2024								
Airfare association	1 people @ \$2000	\$	2 000,00	\$	1 000,00	\$	1 000,00		
Per-diem Association	1 people @ \$400 x 5d	\$	2 000,00	\$	1 000,00	\$	1 000,00		
Taxi-bus-car Association	1 people @ \$300	\$	300,00	\$	150,00	\$	150,00		
Registration Association	1 people (assume 1 free with booth)	\$	-	\$	-	\$	-		
Visa Association	none required	\$	-	\$	-	\$	-		
Booth Fees	Canada Pavilion - Booth	\$	15 000,00	\$	7 500,00	\$	1 875,00	\$	5 625,00
Equipment Fee	For Booth	\$	2 000,00	\$	1 000,00	\$	250,00	\$	750,00
Shipping	Ship booth, equip. and materials	\$	2 000,00	\$	1 000,00	\$	1 000,00		
Airfare Cdn Company	3 people @ \$2000	\$	6 000,00	\$	3 000,00			\$	3 000,00
Per-diem Cnd Company	3 people @ \$400 x 5 d	\$	6 000,00	\$	3 000,00			\$	3 000,00
Taxi-bus-car Cnd Company	3 people @ \$300	\$	900,00	\$	450,00			\$	450,00
Registration Company	3 people @ 1250 USD	\$	5 250,00	\$	2 625,00			\$	2 625,00
Visa Company	3 people @ \$150	\$	450,00	\$	225,00			\$	225,00
Printing	Promotional material	\$	1 000,00	\$	500,00	\$	500,00		
TOTALS ACTIVITY		Ś	42 900,00	Ś	21 450,00	Ś	5 775,00	Ś	15 675,00

258 920,00

129 460,00 \$

23 709,15 \$

105 750,85

Package 4: In-Bound Trade Miss	sion - NIAGARA FALLS September 22-25 202	4	20	Nun	nber of in-bound pa	rticip	pants	
		To	otal Estimated Expenses	Co	CanExport ontribution (50%)	CD	A Contribution (50%)	ound participants atribution (50%)
Package 4 - CDA Conference NIA	AGARA FALLS September 22-25 2024							
Airfare: Incoming	20 people @ \$4,000	\$	80 000,00	\$	40 000,00			\$ 40 000,00
Per-diem : Incoming	20 people @ \$400 x 7 d	\$	56 000,00	\$	28 000,00			\$ 28 000,00
Taxi-bus-car: Incoming	20 people @ \$300	\$	6 000,00	\$	3 000,00			\$ 3 000,00
VISA: Incoming	20 people @ \$150	\$	3 000,00	\$	1 500,00			\$ 1 500,00
Room fee	Orientation and networking event	\$	1 000,00	\$	500,00	\$	500,00	
Audio Visual Equipment for	Orientation and networking event	\$	1 000,00	\$	500,00	\$	500,00	
TOTAL PACKAGE		TOTALS: \$	147 000,00	\$	73 500,00	\$	1 000,00	\$ 72 500,00

Package 5: Marketing Materials for Virtual and Hybrid Trade shows and Conferences

			T	otal Estimated		CanExport		NELSAP/WB
				Expenses	(Contribution (50%)	C	Contribution (50%)
Package 5 - Act	ivity 1 - Delivery of in-person/virtual presentations/wo	rkshops						
Speaker Fees	In-person speaker @ 1,400/d for 6 days plus expenses		\$	15 250,00	\$	7 625,00	\$	7 625,00
Speaker Fees	In-person speaker @ 1,400/d for 6 days plus expenses		\$	15 250,00	\$	7 625,00	\$	7 625,00
Speaker Fees	Virtual speaker @ \$1,400/d for 2 days		\$	2 800,00	\$	1 400,00	\$	1 400,00
Flight	CDA rep		\$	4 000,00	\$	2 000,00	\$	2 000,00
Taxis/bus	CDA rep		\$	300,00	\$	150,00	\$	150,00
Visa	CDA rep		\$	150,00	\$	75,00	\$	75,00
Per diem	CDA rep - 6days @ \$400/day		\$	2 400,00	\$	1 200,00	\$	1 200,00
		TOTAL ACTIVITY	\$	40 150,00	\$	20 075,00	\$	20 075,00
Package 5 - Act	ivity 2 - Translation of Marketing Materials							CDA Contribution
Translation	Translation to Spanish		\$	4 000,00	\$	2 000,00	\$	2 000,00
Translation	Translation to French		\$	4 000,00	\$	2 000,00	\$	2 000,00
Design	Design/layout Spanish		\$	2 500,00	\$	1 250,00	\$	1 250,00
Design	Design/layout French		\$	2 500,00	\$	1 250,00	\$	1 250,00
Editing	Proofing and editing SP		\$	2 000,00	\$	1 000,00	\$	1 000,00
Editing	Proofing and editing FR		\$	2 000,00	\$	1 000,00	\$	1 000,00
		TOTAL ACTIVITY	\$	17 000,00	\$	8 500,00	\$	8 500,00
Parkage 5 - Art	ivity 3 - Marketing materials							CDA Contribution
Design Test	EN flyer or virtual		\$	400,00	\$	200,00		200,00
Design	SP/FR flyer or virtual		\$	400,00	-	200,00	\$	200,00
Translation	SP flyer		\$	250,00	-	125,00	•	125,00
Translation	FR flyer		\$	250,00	-	125,00	\$	125,00
Editing	Proofing and editing FR/SP		\$	200,00	-	100,00	\$	100,00
		TOTAL ACTIVITY	\$	1 500,00		750,00		750,00
			7		7	. 20,00	7	. 50,00
TOTAL PACKAG	SE		\$	58 650,00	\$	29 325,00	\$_	29 325,00



Regional Directors Report Report to the Board of Directors of: December 14, 2023

Region	Nova Scotia
Report prepared by	Alex Campbell
Start date on Board	October 19, 2022
Local CDA activity #1	- Trivia Night
Date:	TBD (Spring 2024)
Format:	In-Person
Achieved goal / expectations? (see scale, below)	Goals: Local member engagement and networking, informal education
Attendance (target/actual):	Target = 50% of NS Members (i.e., 0.5*36 = 18 attendees)
Financial result (target/actual):	TBD
General comments:	At this stage, this is only an idea/concept. Details will be developed after consulting with the Executive Director. (e.g.: Trivia questions will be dam-related or based on information contained in CDA Publications)
Significant Regional D	am-related News
Regulatory Changes:	n/a
Construction Projects:	n/a
Other:	(September 7, 2023) Summer of 2023 was the wettest on record for much of the Maritimes CBC News - Many folks in the Maritimes saw more than double the average rainfall in the months of June, July, and August. There were not only many days of rain, but many days of heavy rain in those 3 months. There were numerous flash-flooding events, including the historic flood in Nova Scotia in July. STORM RAINFALL TOTALS As of 10am Sunday Morning 77-110 mm 100-150 mm 100-150 mm 100-150 mm 100-150 mm 100-150 mm 100-150 mm 100-250 mm 100-250 mm 100-250 mm 100-250 mm 100-250 mm 100-250 mm 100-37



(July 22, 2023) <u>Historic flooding hits Nova Scotia amid torrential downpours | CBC News</u> - Areas in Nova Scotia received 250 mm (10 inches) of rain in a 24 hour period, causing dramatic flash floods. It was the heaviest rainfall in the Halifax area since Hurricane Beth in 1971. As a result, rivers and streams overflowed. 4 people, including 2 children, were killed after the vehicles they were riding in became submerged in floodwaters. Numerous road washouts were also reported.







Incidents:

July 22, 2023) Nova Scotia Hit with Intense Flooding, Evacuations Ordered as Dam Threatened to Breach | Atlas News (theatlasnews.co) - An evacuation order was issued for people living along the St. Croix River system near Windsor, NS. An emergency alert was sent to cellphones at 3:41 a.m. on Saturday morning. Local flooding had resulted in the washout of a section of penstock, the intake structure for which was located within an embankment dam upstream. The evacuation was recommended by the dam owner in an abundance of caution as they were unable to immediately verify whether the embankment had been damaged.





Goal/Expectation Scale:

1=disappointed; 2=somewhat met expectations 3=met expectations; 4=exceeded expectations



Regional Directors Report Report to the Board of Directors of: December 14, 2023

Region	Manitoba						
Report prepared by	Brian Earl						
Start date on Board	November 2022						
Local CDA activity	y #1						
Date:	October 22-25, 2023						
Format:	Annual Conference and Trade Show						
Achieved goal / expectations? (see scale, below)	Attendance exceeded expectations						
Attendance (target/actual):	389 / 485 (2010 Niagara conference holds record at 488)						
Financial result (target/actual):	Detailed financial report pending						
General comments:							
Significant Region	nal Dam-related News						
Regulatory Changes:	Manitoba Environment Climate and Parks is working on a new approach to water power licensing, details still to be determined.						
Incidents:	None reported						
Construction Projects:	Manitoba Transportation and Infrastructure: Mary Jane Dam - Emergency Spillway Reconstruction (\$2.8M) - New riprap lined auxiliary spillway to repair/replace natural spillway						
	Spring 2022 erosion						





completed riprap lined auxiliary spillway (Spring 2023)

Rivers Dam - Riparian Conduit Rehabilitation (\$5.7M)

- Repairs to outlet stilling basin (new walls and basin slab)
- New 4' control gates, additional venting.
- Scheduled for completion this winter



Cofferdam Removal

Quesnel Lake Dam - Spring Flood 2022 Repairs (\$0.8M)

- Flooding in the spring of 2022 caused a washout of the rockfill dam. Repairs were completed in late winter of 2023 with lake levels returning to normal in summer of 2023.



Spring 2022 overtopping





Spring 2023 - Reconstructed embankment

Wanipigow Dam - Structure Replacement (\$4.2M)
- Structure to be converted to a rockfill dam, with new stoplog controlled section. Completion planned for February 2024



Before



Construction ongoing



	Manitoba Hydro:
	Point du Bois Generator Replacement (\$314M) - Replacing 8 of 16 units - Additional 52 megawatts of capacity - \$114M funding from Government of Canada (Green Infrastructure Stream) - Completion in 2027
Other:	

Goal/Expectation Scale:

1=disappointed; 2=somewhat met expectations 3=met expectations; 4=exceeded expectations



Regional Directors Report Report to the Board of Directors of: December 14, 2023

Region	Saskatchewan
Report prepared by	Allison Ruecker
Start date on Board	October 2022
Local CDA activity #1	33333
Date:	February 2024 - Future
Format:	University Networking event
Achieved goal /	omversity nectionality event
expectations?	
(see scale, below)	
Attendance	
(target/actual):	
Financial result (target/actual):	
General comments:	Plan to have industry night at the two universities in
delieral comments.	Saskatchewan.
Local CDA activity #2	
Date:	
Format:	
Achieved goal /	
expectations?	
(see scale, below)	
Attendance:	
Financial result:	
General comments:	
Local CDA activity #3	
Date:	
Format:	
Achieved goal / expectations?	
(see scale, below)	
Attendance:	
Financial result:	
General comments:	
Significant Regional Dam-related News	
Regulatory Changes:	The Ministry of Environment, which regulates the mining industry, is working with mining companies to incorporate the Global Industry Standard on Tailings Management. Any outstanding priorities will be incorporated into facility approvals within the government's results-based regulatory model.
Incidents:	None
Construction Projects:	Gardiner Dam -Tunnel 5 Outlet Structure Rehabilitation - repairs to end sill and riprap, new baffle, and chute blocks



construction substantially complete; cofferdam removed early December





Moosomin Dam - Spillway drainage system rehabilitation
- Repairs to spillway drainage system and riprap
- On track for completion by end of March 2024





- Candle Lake Dam Operational and Safety Upgrades
 installation of bulkhead monorail, pedestrian walkway, and operator deck
 - rehabilitation to radial gates and baffle blocks

Other:

Goal/Expectation Scale:

1=disappointed; 2=somewhat met expectations 3=met expectations; 4=exceeded expectations



NIGERIAN COMMITTEE ON LARGE DAMS (NICOLD)

Address: Room 212, Federal Ministry Of Water Resources, Area 1, Old Federal Secretariat Garki, Abuja. Tel: +2347036046611, E-mail: nicoldsecretariat@gmail.com, www,nicoldng.org

The President

5th December 2023

Canadian Dam Association (CDA) 2800 - 14th Ave, Suite 210 Markham, Ontario Canada L3R 0E4

IMPLEMENTATION OF NICOLD-CDA TECHNICAL AGREEMENT: LETTER OF APPRECIATION

We wish to express our sincere gratitude to the Canadian Dam Association (CDA) for the successful takeoff of implementation of the Agreement for the Technical cooperation and Exchange between the Nigerian Committee on Large Dams and the Canadian Dam Association (CDA)

- 2. The webinar on Dam Safety 101 was held on 28th September 2023 followed by the workshop on Dam Safety at the Mainstream Academy in Kainji from 13th to 16th November 2023.
- 3. We especially appreciate Margaret Trias, Richard Donnelly, and Dami Adedapo who traveled from Canada to Kainji. We also appreciate Tony Benneth, Claire Raska, and Pierre Choquet who sacrificed their comfort to make remote presentations at the workshop.
- 5. We look forward to further collaboration with CDA as we progress in the implementation of the Agreement between our Associations.

6. Please accept the assurance of my warm regards

Dr. J.B.O Adewumi

President.