Investor Presentation

FIRST QUARTER 2023 AECON GROUP INC. (TSX: ARE)

Forward-Looking Information

The information in this presentation includes certain forward-looking statements which may constitute forward-looking information under applicable securities laws. These forward-looking statements are based on currently available competitive, financial and economic data and operating plans but are subject to risks and uncertainties. Forward-looking statements may include, without limitation, statements regarding the operations, business, financial condition, expected financial results, performance, prospects, ongoing objectives, strategies and outlook for Aecon, including statements regarding; its strategic focus on clean energy and other projects linked to sustainability and the opportunities arising therefrom; the impact of Aecon's recurring revenue base; potential value creation options, estimated costs and timelines for projects; Aecon's equity interest in Oneida Energy Storage L.P.; the various phases of projects for Aecon; Aecon's greenhouse gas emission reduction targets and means to accomplish such targets; government investment; expectations regarding strong private sector end market demand due to, among other things, aging electrical and gas infrastructure and North American 5G adoption rate; expectations regarding ongoing recovery in travel through Bermuda International Airport in 2023; long-term cash flow and growth opportunities in concessions including opportunities to add to the existing portfolio of Canadian and international concessions in the next 12 to 24 months; expectations regarding the repayment of the outstanding convertible debentures at or before maturity and other debt obligations in 2023; expectations regarding the continued impact of inflation, interest rates and supply chain efficiency; expectations regarding the pipeline of opportunities available to Aecon and project pursuits; expectations regarding future revenue growth and the impact therefrom; expectations regarding the impact of the four fixed price legacy projects; its sale of Aecon Transportation East ("ATE") to Green Infrastructure Partners Inc. ("GIP"), including strategic rationale for such transaction, and expected results therefrom; use of proceeds from the sale of ATE and related transaction timeline; Aecon's strategic partnership agreement with GIP and the results therefrom; Aecon's sale of a 49.9% interest in Bermuda Skyport Corporation Limited ("Skyport") to Connor, Clark & Lunn Infrastructure ("CC&L Infrastructure"), including strategic rational rationale for such transaction, the expected results therefrom and the anticipated closing thereof: Aecon's expectations of being able to strengthen its balance sheet while preserving capital for other long-term growth and concession opportunities; and, future dividends. Forward-looking statements may in some cases be identified by words such as "will," "believes," "target," "anticipates," "estimates," "towards," "opportunity," "projects," "intends," "schedule," "outlook," "can," "may," "to be," "upon," "should" or the negative of these terms, or similar expressions.

In addition to events beyond Aecon's control, there are factors which could cause actual or future results, performance or achievements to differ materially from those expressed or inferred herein including, but not limited to: the risk of not being able to drive a higher margin mix of business by participating in more complex projects, achieving operational efficiencies and synergies, and improving margins; the risk of not being able to meet contractual schedules and other performance requirements on large, fixed priced contracts; the risk of not being able to meet its labour needs at reasonable costs; the risk of not being able to address any supply chain issues which may arise and pass on costs of supply increases to customers; the risk of not being able, through its joint ventures, to enter into implementation phases of certain projects following the successful completion of the relevant development phase; the risk of not being able to execute its strategy of building strong partnerships and alliances; the risk of not being able to execute its risk management strategy; the risk of not being able to grow backlog across the organization by winning major projects; the risk of not being able to maintain a number of open, recurring and repeat contracts; the risk of not being able to accurately assess the risks and opportunities related to its industry's transition to a lower-carbon economy; the risk of not being able to oversee, and where appropriate, respond to known and unknown environmental and climate change-related risks, including the ability to recognize and adequately respond to climate change concerns or public, governmental and other stakeholders' expectations on climate matters; the risk of not being able to meet its commitment to meeting its greenhouse gas emissions reduction targets; the risks associated with the strategy of differentiating its service offerings in key end markets; the risks associated with undertaking initiatives to train employees; the risks associated with the seasonal nature of its business; the risks associated with being able to participate in large projects; the risks associated with legal proceedings to which it is a party; the ability to successfully respond to shareholder activism; the risk that Aecon's sale of ATE will not close; the risk that the strategic partnership with GIP will not realize the expected results and may negatively impact Aecon's existing business; the risk that Aecon will not realize the strategic rationale for the sale of ATE; the risk that Aecon will not realize the opportunities presented by a transition to a net-zero economy; the risk that Aecon will not realize the anticipated balance sheet flexibility with the completion of the sale of ATE; the risk Aecon's sale of a 49.9% interest in Skyport to CC&L Infrastructure will not close; the risk that Aecon will not realize the strategic rationale for the sale of the equity interest in Skyport; the risk that Aecon will not realize the anticipated balance sheet strength while preserving capital for other long-term growth and concession opportunities in connection with the sale of the equity interest in Skyport; and risks associated with the COVID-19 pandemic and future pandemics and Aecon's ability to respond to and implement measures to mitigate the impact of COVID-19 and future pandemics.

These forward-looking statements are based on a variety of factors and assumptions including, but not limited to that: none of the risks identified above materialize, there are no unforeseen changes to economic and market conditions and no significant events occur outside the ordinary course of business. These assumptions are based on information currently available to Aecon, including information obtained from third-party sources. While Aecon believes that such third-party sources are reliable sources of information, Aecon has not independently verified the information, Aecon has not ascertained the validity or accuracy of the underlying economic assumptions contained in such information from third-party sources and hereby disclaims any responsibility or liability whatsoever in respect of any information obtained from third-party sources.

Risk factors are discussed in greater detail in the Section 13 - "Risk Factors" in Aecon's December 31, 2022 Management's Discussion and Analysis filed on SEDAR (www.sedar.com) on February 28, 2023 and in other filings made by Aecon with the securities regulatory authorities in Canada. Except as required by applicable securities laws, forward-looking statements speak only as of the date on which they are made and Aecon undertakes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.

Non-GAAP & Supplementary Financial Measures

The presentation presents certain non-GAAP and supplementary financial measures, as well as non-GAAP ratios and capital management measures disclosed to assist readers in understanding the Company's performance ("GAAP" refers to Canadian Generally Accepted Accounting Principles under IFRS). These measures do not have any standardized meaning and therefore are unlikely to be comparable to similar measures presented by other issuers and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with GAAP.

Management uses these non-GAAP and supplementary financial measures, as well as certain non-GAAP ratios and capital management measures to analyze and evaluate operating performance. Aecon also believes the financial measures defined below are commonly used by the investment community for valuation purposes, and are useful complementary measures of profitability, and provide metrics useful in the construction industry. The most directly comparable measures calculated in accordance with GAAP are profit (loss) attributable to shareholders or earnings (loss) per share.

Throughout this presentation, the following terms are used, which do not have a standardized meaning under GAAP: "Adjusted EBITDA", "Equity Project EBITDA", "Backlog" and "Adjusted EBITDA margin." "Operating margin" and "Gross profit margin" are a supplementary financial measures.

Refer to Section 4 "Non-GAAP and Supplementary Financial Measures" and Section 9 "Quarterly Financial Data" in the Company's March 31, 2023 Management's Discussion and Analysis, filed April 25, 2023 (the "Q1 2023 MD&A") for additional information regarding the non-GAAP and supplementary financial measures and non-GAAP ratios used in this presentation. Also refer to pages 15 and 24 in this presentation for additional information regarding non-GAAP ratios and capital management measures. The Q1 2023 MD&A is available on SEDAR (www.sedar.com), and the additional information regarding the non-GAAP ratios used in the above noted sections is incorporated by reference into this presentation.

Why Invest in Aecon?

POSITIONED TO HARNESS OPPORTUNITIES THAT ARE EXPECTED TO COME WITH THE TRANSITION TO A NET ZERO ECONOMY



Favourable Demand Environment

\$4.8B TOTAL REVENUE*

APCON

\$6.0B NEW AWARDS* BACKLOG[@] (at Mar 31, 2023)

* 01 2023 Trailing Twelve Months ("TTM").

[^]Compound Annual Growth Rate ("CAGR") of annual dividend from 2013 to 2022.

* After corporate costs and eliminations.

[&] At March 31, 2023

- Significant level of infrastructure investment underway across Aecon's focus areas

\$4.4B

- Positive population and immigration dynamics helping drive demand
- Transition to net zero economy creating opportunities in both public and private sectors
- Canada's exposure to resources sector driving additional demand in private sector
- Historically, government investment in infrastructure has been a key source of stimulus in economic slowdowns

	CONSOLIDATED ⁺	CONSTRUCTION	CONCESSIONS
ADJ. EBITDA*@	\$223M	\$196M	\$72M
OPERATING PROFIT [*]	\$112M	\$136M	\$23M

Diversified & Resilient

Business Model

- Diversified projects by geography, sector, contract size and type in Construction segment
- ~750 discrete projects underway with average project size ~\$30 million
- Growing number of projects in Concessions portfolio
- Recurring revenue base adds further stability and growth opportunity to business mix
- 54% of Q1 2023 TTM revenue from non-fixed price contracts versus 39% of Q1 2022 TTM revenue
- Positioned to harness expected opportunities linked to sustainability and the transition to a net zero economy

9%	60%	67%	7
10 YEAR	OF 2022	OF BACKLOG	ACQUISITIONS
DIVIDEND	REVENUE TIED TO	TIED TO	IN THE ENERGY
CAGR [^]	SUSTAINABILITY PROJECTS [#]	SUSTAINABILITY PROJECTS ^{#&}	TRANSITION [®]

Shareholder

Value Creation

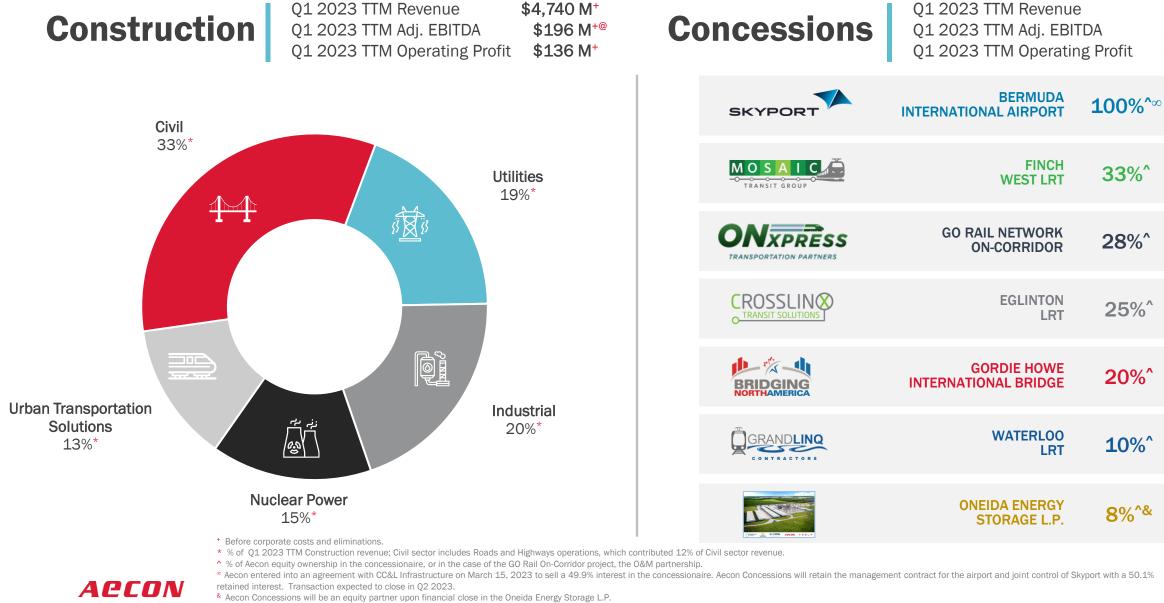
- History of regular dividend increases
- Growth in Concessions and O&M portfolio provides future revenue generating opportunities
- Focused on sustainability, including 30% GHG reduction target on an intensity basis[~] by 2030 as compared to 2020 and net zero target by 2050
- First Canadian construction company to adopt a sustainabilitylinked credit facility tied to ESG objectives
- Recognized as one of Canada's Best 50 Corporate Citizens (Corporate Knights 2022)

^e This is a non-GAAP financial measure. Refer to page 2 in this presentation.

Sustainability projects help to preserve and protect the environment, but also help to preserve the ability of society to sustain itself. Including but not limited to, projects that: reduce emissions, support the transition to a net-zero economy, support clean water use and conservation, and reduce/recycle waste. ¹⁰ Strategic, tuck-in acquisitions made over the past three years related to clean energy and transition to a net zero economy through decarbonization.

Intensity based targets are based on economic output and represent tonnes of CO₂ per million dollars of revenue

Diverse Business Model



^e This is a non-GAAP financial measure. Refer to page 2 in this presentation.

\$79 M⁺

\$72 M^{+@}

\$23 M⁺

Highlighting Value Through Strategic Monetization

Transactions will strengthen balance sheet and complement strategic focus on investments in end markets related to energy transition and sustainability

Sale o	of Aecon Transportation East Business To Green Infrastructure Partners
Price & Overview	 100% sale of Aecon Transportation East Business ("ATE") to Green Infrastructure Partners Inc. ("GIP") for \$235 million cash ATE comprised of Aecon's roadbuilding, aggregates and materials businesses in Ontario and represented ~7% of Aecon's 2022 revenue
Strategic Cooperation Agreement	 Aecon and GIP have entered into a strategic cooperation agreement for certain major projects and pursuits in Ontario that leverages both Aecon's heavy civil construction services and GIP's roadbuilding capabilities
Approvals and Timing	Closed on May 1, 2023

49.9% Sale of Bermuda International Airport Concessionaire To CC&L Infrastructure

Price & Overview	 Sale of 49.9% interest in the L.F. Wade International Airport (Bermuda International Airport) concessionaire, Bermuda Skyport Corporation Limited ("Skyport") to Connor, Clark & Lunn Infrastructure ("CC&L Infrastructure") for US\$128.5 million in cash
Management	 Aecon Concessions will retain the management contract for the airport
Structure	and joint control of Skyport with a 50.1% retained interest
Approvals	 Closing of the transaction is expected in the second quarter of 2023,
and Timing	subject to customary closing conditions

Strategic Rationale

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- Shift towards opportunities related to decarbonization, energy transition and sustainability
 - Consistent with Aecon's goal of targeting prudent balance sheet leverage and liquidity

Helps reduce overall capital intensity of Aecon's business

Strategic Rationale

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Highlights value of the Bermuda International Airport concession and underlines the contribution of the Concessions' portfolio of projects to Aecon

Further strengthens Aecon's balance sheet while preserving capital for other long-term growth and concession opportunities

Partnership with an experienced infrastructure investment firm demonstrates investor confidence in the future of Bermuda's long-term prospects

Focused On Energy Transition Opportunities

60% of 2022 Revenue Tied To Sustainability Projects#

- Focused on various stages of the value chain in building the resilient, low carbon and connected infrastructure of tomorrow
- Presence in key markets across Canada and long-term relationships with clients across focused operating sectors

Utilities

- Electricity Transmission & Distribution
- Grid Modernization/Hardening
- Geothermal & District Energy / Renewables
- Energy Storage
- EV Charging Infrastructure
- Fibre and Broadband / Telecom Infrastructure & 5G
- In-Home Services



Oneida Energy Storage Project

Civil & Industrial

- Water Distribution &
 Management
- Hydroelectricity
- Hydrogen & Renewable
 Natural Gas
- Carbon Capture and Storage
- Rare Metals & Battery
 Material Mining Facilities

Site C

Project

Nuclear

- Small Modular Reactors
- Refurbishment & Decommissioning
- Maintenance & Fabrication
 Services
- Nuclear Waste Management

Urban Transportation Solutions

- Light Rail Transit
- High Speed Rail
- Monitoring Emerging Technologies – Smart Cities / Autonomous Vehicles / Hyperloop



Bruce Power Steam Generator Replacement

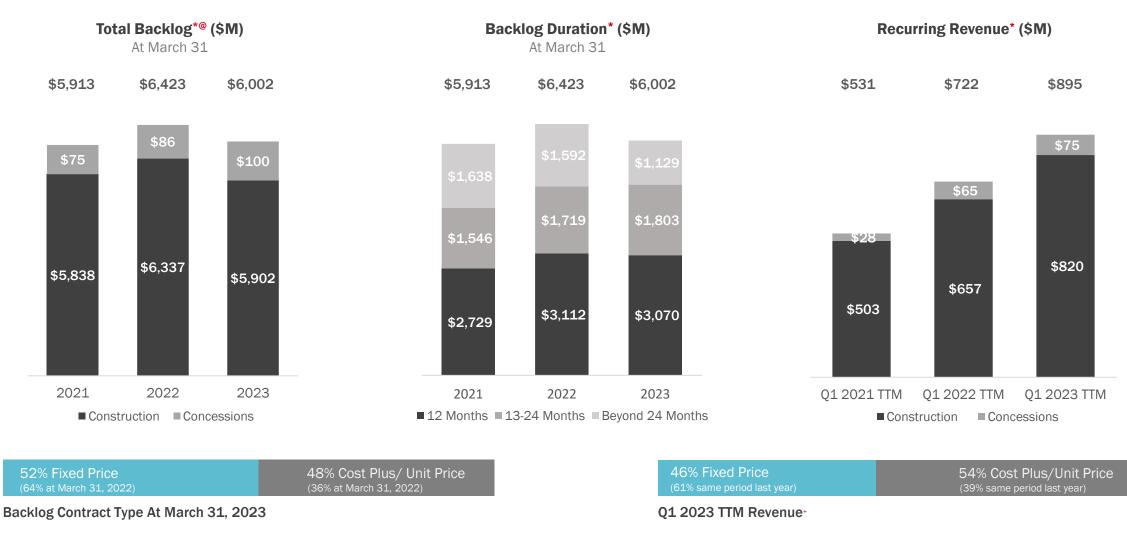


GO Expansion On-Corridor Works

Sustainability projects help to preserve and protect the environment, but also help to preserve the ability of society to sustain itself. Including but not limited to, projects that: reduce emissions, support the transition to a net-zero economy, support clean water use and conservation, and reduce/recycle waste.

Solid Backlog & Growing Recurring Revenue Profile

Current backlog excludes Aecon's share of the GO Expansion OnCorr, Scarborough Subway Extension SRS and Darlington SMR projects[∞]



[∞] These projects were awarded in a collaborative model and are currently in the development and alliance phases. Further detail on these projects is provided on Slide 8.

* Recurring revenue is not included in backlog and is, therefore, revenue over and above work to be performed from contracts in backlog.

+ TTM Revenue contract mix reflects inclusion of recurring revenue (Cost Plus/Unit Price) and timing of backlog work off.

^e This is a non-GAAP financial measure. Refer to page 2 in this presentation.

De-Risking Business Through Collaborative Models

Three recent announcements for sustainability linked projects that present significant opportunities for long-term growth#

GO Expansion On-Corridor (OnCorr) Works Project

Estimated Total Capital Cost: >\$10B^&

Progressive Design, Build, Operate & Maintain Model

ONxpress Transportation Partners (ONxpress) selected to design, build, operate and maintain the GO Expansion OnCorr Works project in Ontario

Progressive and collaborative design, build, operate and maintain model

ONxpress consortium comprised of Aecon, FCC, Deutsche Bahn and Alstom

Aecon 50% share in a civil JV with FCC, and 28% share in a 25-year 0&M partnership with Deutsche Bahn

Early works and a two-year collaborative development phase commenced in Q3 2022, with O&M anticipated to commence in Q2 2024



ACCON

Scarborough Subway Extension Stations, Rail and Systems (SRS)

Estimated Design & Construction Cost: \$2B - \$4B*&

Progressive Design-Build Model

Scarborough Transit Connect (STC), a 50/50 consortium between Aecon (lead partner) and FCC, selected as the development partner for the Scarborough Subway Extension SRS project in Ontario

Progressive and collaborative Design-Build model

STC has executed a development phase agreement with Infrastructure Ontario (IO) and Metrolinx to finalize the scope, cost and schedule of various elements of the project over an 18-month period, with certain early works activities commencing during this phase

Upon successful completion of the development phase, an implementation phase will commence under a target price contract



Darlington New Nuclear Project (DNNP) Small Modular Reactor (SMR)

Total Capital Cost Under Development

Integrated Project Delivery Model

Aecon, GE Hitachi and SNC-Lavalin executed a six-year alliance agreement with Ontario Power Generation (OPG) to deliver North America's first grid-scale SMR through the DNNP in Ontario

Under an Integrated Project Delivery (IPD) model, OPG serves as the license holder and will maintain overall responsibility for the project, including operator training, commissioning, Indigenous engagement, stakeholder outreach and oversight

Aecon is the provider of all construction services, including project management, construction planning and execution. Site preparation and related work is currently underway and SMR construction is expected to reach completion in the fourth quarter of 2028



[#] Projects would be added to backlog following completion of successful development phases over next two years

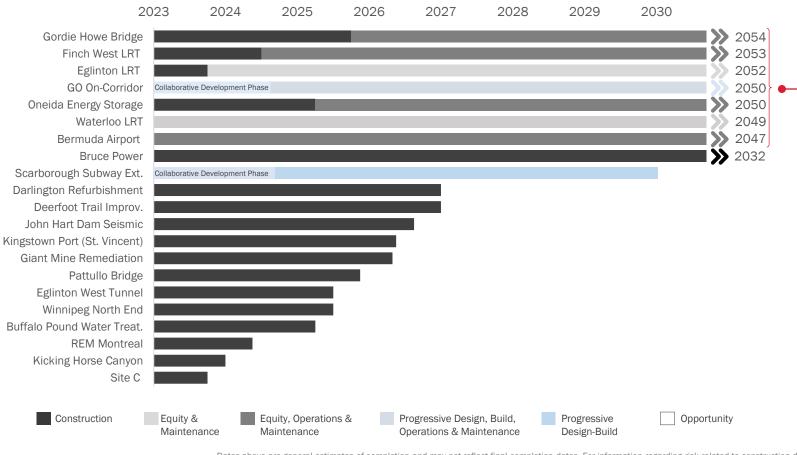
^ Based on Infrastructure Ontario Market Update Report (January 2022); represents "Estimated Total Capital Costs" for the project, not Aecon's share in the project

* Based on Infrastructure Ontario Market Update Report (November 2022); represents "Estimated Design & Construction Cost" for the project, not Aecon's share in the project

* Estimated figures are not Aecon's shares in the projects as the work is performed in partnerships or joint ventures with other companies; Aecon's scope of work and relative value subject to change during the development phases

Major Projects & Concessions Provide Stability

Project Timeline (Starting from 2023)



P3 Concessions / DBOM*

Gordie Howe Bridge

\$5.7 billion; construction started 2018; 20% equity stake and 30-year concession post construction

Finch West LRT

\$2.5 billion; construction started 2018; 33% equity stake and 30-year concession post construction (at 50% share in construction JV)

Eglinton LRT

\$5.3 billion: construction started 2015; 25% equity stake and 30-year concession post construction

GO Rail Expansion - On-Corridor

>\$10 billion^: 28% interest in a 25-yea O&M partnership post collaborative design phase; 50% interest in construction JV

\$141 million EPC contract: 2-year project to be started in 2023; 8% equity stake and 20-year electricity storage services agreement (with additional 5years of uncontracted revenue) post construction

Waterloo LRT

\$583 million: construction started 2014 and completed 2019; 10% equity stake and 30-year concession began in 2019

Bermuda Airport

2017 and completed 2020: 100%* equity stake and 30-year concession began in 2017

Other Major Projects*

Bruce Power Nuclear Refurbishment (55% JV)

\$1.7 billion Fuel Channel and Feeder Replacement contract for remaining five units at Bruce Nuclear Generating Station with anticipation completion in 2032

Scarborough Subway Extension SRS (50% JV)

\$2-4⁺ billion; project duration to be determined post collaborative design phase

Darlington Nuclear Refurbishment (50% JV) \$2.75 billion; ~10-year project started 2016

Kingstown (SVG) Port Modernization Project

Pattullo Bridge Replacement (50% JV)

US\$170 million; ~3-year project started 2022

Deerfoot Trail Improvements Project

\$595 million; ~4-year project to be started in 2023

John Hart Dam Seismic Upgrade (60% JV) \$245 million; ~3-year project to be started in 2023

Giant Mine Remediation Water Treatment Plant Project

\$215 million; ~3-year project to be started in 2023

Oneida Energy Storage

US\$274 million: construction started

\$968 million; ~5-year project started 2020 Eglinton Crosstown West Extension Tunnel (40% JV) \$729 million: ~4-year project started 2021

Winnipeg North End Sewage Plant (50% JV) \$272 million; ~4-year project started 2021

Buffalo Pound Water Treatment Plant (50% JV) \$273 million; ~3-year project started 2022

REM LRT Montreal (24% JV) / **REM LRT Airport Station** (50% JV) \$6.9 billion; ~6-year project started 2018

Kicking Horse Canyon – Phase 4 (50% JV) \$441 million; ~4-year project started 2020

Site C Generating Station & Spillways (30% JV) \$1.6 billion; ~5-year project started 2018

Dates above are general estimates of completion and may not reflect final completion dates. For information regarding risk related to construction delays, see Section 13 "Risk Factors" in the Q1 2023 MD&A.

- * Awarded contract values refer to the initial contract amount and do not account for any subsequent change orders which have resulted in an increase to the scope and/or price of the contract; awarded contract values do not necessarily
- represent Aecon's share, as all projects listed are with partners as of the date hereof except Bermuda Airport and Kingstown Port Modernization Project; construction duration of each project is approximate and subject to change
- ¹⁰ Aecon entered into an agreement with CC&L Infrastructure on March 15, 2023 to sell a 49.9% interest in the concessionaire. Aecon Concessions will retain the management contract for the airport and joint control of Skyport with a 50.1% retained interest. Transaction expected to close in 02 2023.

ACCON

A Based on Infrastructure Ontario Market Update Report (January 2022); represents "Estimated Total Capital Costs" for the project, not Aecon's share in the project. * Based on Infrastructure Ontario Market Update Report (November 2022); represents "Estimated Design & Construction Cost" for the project, not Aecon's share in the project.

Government Investment Aligned with Aecon's Strengths[^]

Federal Infrastructure Programs

\$180B | Invest in Canada Plan^{*}

12-year Federal investment plan 2016 to 2028

To date, the plan has invested over \$131B in over 85,000 projects, 94\$ of them completed or underway \$3.2B investment in Universal Broadband Fund to provide high-speed internet access to all Canadians by 2030

\$35B | Canada Infrastructure Bank

\$35B for the Canada Infrastructure Bank ("CIB") to attract private capital to major infrastructure projects and help build more infrastructure across the country Budget 2023 announced that the CIB will invest at least \$10B through its clean power priority area, and at least \$10B through its green infrastructure priority area

\$3B | Supporting Clean Electricity Projects

Budget 2023 proposed to provide \$3 billion over 13 years to recapitalize funding for the Smart Renewables and Electrification Pathways Program to support critical regional priorities and Indigenous-led projects, and other green initiatives

\$15B | Canada Growth Fund*

To help build a net-zero economy by 2050 by accelerating the investment of private capital into decarbonization and clean technology projects



Provincial Budgets

\$13B | BC Budget

Transportation investment over 3 years from 2023

\$6.5B | Alberta Budget

Transportation and public transit investment over 3 years from 2023

\$0.4B | Saskatchewan Budget

Transportation investment in 2023

\$0.6B | Manitoba Budget

Transportation investment in 2023

\$103B | Ontario Budget

\$99B in Transit and Transportation investment over 10 years from 2023, including \$28B in road and highways and \$71B in transit

\$4B beginning in 2019 to provide high speed internet access to every community in Ontario by the end of 2025

\$47B | Quebec Budget

Investment in road and transit infrastructure over 10 years from 2023 including \$32B investment in roads

Strong Public and Private End Market Demand

CURRENT MAJOR PROJECT PURSUITS* INCLUDE:

Contrecoeur Terminal	P3	QC
Gardiner Expressway Rehabilitation (Section 2)		ON
Ontario Line – North Civil Elevated Guideway and Stations	PDB	ON
Surrey Langley SkyTrain Guideway	DBF	BC
Surrey Langley SkyTrain Stations	DB	BC
Surrey Langley Skytrain Systems and Trackwork	PDB	BC
Capital Line South Extension (Phase 1)		AB
U.S. Virgin Islands Airport Modernization	P3	VI
I-405, Brickyard to SR 527 Improvement Project		WA

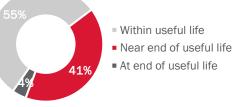
Diversified series of pursuits by sector and geography | Opportunities strongly correlate with Aecon's experience and sustainability goals

Strong Private Sector End Market Demand ^

SUPPORTED BY NORTH AMERICAN UTILITY INVESTMENTS

ELECTRIC UTILITY DISTRIBUTION

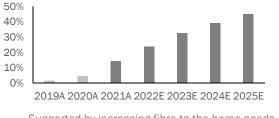
Aging Electric Infrastructure Distribution infrastructure age relative to useful life



Annual capex related to electricity distribution to grow from **~US\$50B in 2021 to \$63B in 2025** in North America

TELECOMMUNICATIONS

North American 5G Adoption Rate Percentage of Wireless Connections on 5G



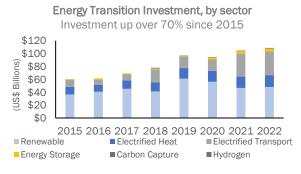
Supported by increasing fibre-to-the-home needs by all major North American carriers

GAS UTILITY DISTRIBUTION

Aging Gas InfrastructureGas Distribution Pipelines Constructed (By decade)44%16%21%19%Pre-1970s1980s1990sPre-1970s1980s1990sNearly 45% of gas distribution infrastructure in
North America is near or at the end of its useful
life of 40 years

Annual capex related to gas distribution to be in a range of ~US\$26B to \$28B from 2021 to 2025 in North America

ENERGY TRANSITION



Valuable Concessions and O&M Portfolio

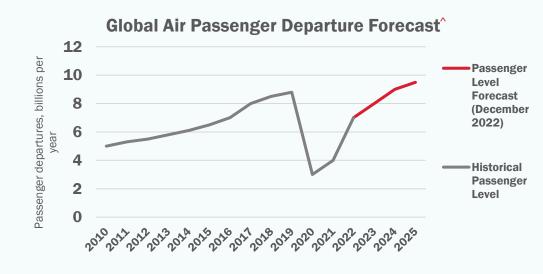


Bermuda L.F. Wade International Airport

100% equity ownership and concession[∞]

New terminal opened in December 2020

30-year operations and maintenance concession to 2047



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International Airport with exclusive rights to serve all commercial, private and cargo air traffic in Bermuda Majority of revenue generated through regulated, fixed fee mechanism, adjusted to inflation; downside projection via Minimum Revenue Guarantee

- 2021 DFNI Americas Award for the Most Supportive Approach to Retail for Skyport*
- 2021 CCPPP Award for Innovations and Excellence in P3s [&]
- 2021 Best Airport by Size and Region (under 2 million passengers per year in Latin America and Caribbean) #

Stable domestic and corporate travel base with less than 50% of traffic linked to tourism specifically



Canadian LRTs

- 30-year maintenance concessions on Eglinton, Finch and Waterloo LRTs
- Availability-based payments with revenue risk mitigated by provincial transit counterparties
- Proven team currently bidding on other Canadian transit projects



GO On-Corridor Works

- 25-year operations & maintenance agreement in development for the GO Rail Expansion project in Ontario
- Decarbonization project involving electrification of system, new vehicle fleet and enhanced service



- 30-year operations and maintenance concession
- Availability-based payments with revenue risk mitigated by Canadian Federal Government



- 20-year agreement with IESO (with additional 5 years of uncontracted revenue) for electricity storage services
- Availability-based payments for capacity services, as well as revenue from energy sold into Ontario electricity grid and operating reserve

^ Source: www.iata.

* Skyport is responsible for the Bermuda L.F. Wade International Airport's operations, maintenance and commercial functions and is 100% owned by Aecon Concessions

Canadian Council for Public-Private Partnerships (CCPPP)
Awarded by Airport Council International (ACI) World

Concessions Experience in Infrastructure Development

- Proven capability to develop, construct, finance and operate diverse infrastructure concessions in Canada and internationally
- Solutions-based, experienced partner to international construction firms, governments and financial institutions
- Experienced in technology and systems integration in transit, tolling and airport infrastructure
- Provides for long-term cash flow opportunity with flexibility to monetize interests for future development projects
- Focused on decarbonization, energy transition and sustainability opportunities where prior Concessions experience can be leveraged

CAPABILITIES GROWTH OPPORTUNITIES CANADIAN TRANSPORTATION PUBLIC PRIVATE **P3** & TRANSIT P3s PARTNERSHIPS **RENEWABLE ENERGY** / STRATEGIC PARTNERING ENERGY STORAGE <u>ୗ</u>୷]¥ UTILITIES **PROJECT DEVELOPMENT** INDIGENOUS PROJECT FINANCING PARTNERSHIPS **INTERNATIONAL OPERATIONS &** (AIRPORTS & OTHER) MAINTENANCE

Q1 2023 Financial Results

Q1 2022 TTM results include net benefit from the Canada Emergency Wage Subsidy ("CEWS") program of \$24.1 million

\$ Millions (except per share amounts)	Three Months Ended March 31			Twelve Months Ended March 31		
	2023	2022	Change ⁺	2023	2022	Change ⁺
Revenue	1,107	986	▲ 12%	4,818	4,209	▲ 14%
Gross Profit	66.8	61.1	▲ 9%	361.7	370.6	▼ 2%
Gross Profit Margin %&	6.0%	6.2%	▼ 20 bps	7.5%	8.8%	▼ 130 bps
Adjusted EBITDA [@]	24.6	20.6	▲ 19%	223.2	238.7	▼ 6%
Adjusted EBITDA Margin %*	2.2%	2.1%	▲ 10 bps	4.6%	5.7%	▼ 110 bps
Operating Profit	5.6	(9.6)	▲ 158%	112.4	119.4	▼ 6%
Profit (Loss)	(9.4)	(17.4)	▲ 46%	38.4	50.7	▼ 24%
Earnings (Loss) per share – diluted	(0.15)	(0.29)	▲ 48%	0.59	0.79	▼ 25%
New Awards	812	1,211	▼ 33%	4,396	4,719	▼ 7%
Backlog (at end of period) [@]	6,002	6,423	▼ 7%	6,002	6,423	▼ 7%



+ bps = basis point
This is a non-GAAP financial measure. Refer to page 2 in this presentation.
* This is a non-GAAP financial ratio. Refer to page 2 in this presentation.
& This is a supplementary financial measure. Refer to page 2 in this presentation.

Financial Position, Liquidity and Capital Resources

Balance Sheet (\$M)

	March 31, 2023
Core Cash	22.4
Bank Indebtedness	(240.0)
Cash in Joint Operations	336.0
Total Cash [^]	118.4
Net Working Capital	484.8
Long-Term Debt [∞]	
- Finance Leases	162.0
- Equipment & Other Asset Loans	60.7
LT Debt excluding Convertible Debentures [®]	222.7
Convertible Debentures (Face Value) due Dec. 2023 (5.0%)	184.0
Total LT Debt plus Convertible Debentures [®]	406.7
LT Debt to Q1 2023 TTM Adjusted EBITDA &	
- Excluding Convertible Debentures	1.0 x
- Including Convertible Debentures	1.8 x
Net Debt to Q1 2023 TTM Adjusted EBITDA &	2.8 x
Debt to capitalization percentage $^{\alpha}$	30%

Free Cash Flow (\$M)

Operating profit (loss)	<u>Q1 2023</u> <u>TTM</u> 112.4	<u>Q1 2022</u> <u>TTM</u> 119.4
Depreciation and amortization	94.2	88.4
(Gain) on sale of assets	(22.6)	(9.6)
Income from projects accounted for using the equity method	(17.9)	(15.5)
Equity Project EBITDA [®]	57.2	55.9
Adjusted EBITDA [®]	223.2	238.7
Cash Interest Expense (net)	(51.0)	(40.6)
Capital Expenditures (net)	(18.8)	(16.6)
Income Taxes Paid	(23.4)	(32.9)
Change in Working Capital	(186.3)	(275.3)
Net JV Impact*	(53.9)	(52.8)
Free Cash Flow~#	(110.2)	(179.5)
Cash Flow From Operations	(79.3)	(143.1)
Cash Flow From Investing Activities	(24.1)	(37.5)
Cash Flow From Operations & Investing Activities	(103.4)	(180.6)

\$600 million committed credit facility for working capital and letter of credit requirements plus a separate committed letter of credit facility of \$900 million

• On December 31, 2023, convertible debentures with a face value of \$184 million will mature, and Aecon expects to repay these debentures at maturity or before

• No other debt or working capital credit facility maturities in 2023, except equipment and property loans and leases in the normal course

- ^ Excludes restricted cash associated with Bermuda Airport Project.
- [∞] Excludes non-recourse project debt associated with Bermuda Airport Project.
- * Net debt calculated as long-term debt (including convertible debentures) plus bank indebtedness less core cash. Long-term debt-to-Adjusted EBITDA and net debt-to-Adjusted EBITDA ratios are measurements that Management believes are commonly used by the investment community to assess the Company's debt leverage and liquidity.
- & Calculations based on face value of convertible debentures.
- Net Working Capital is a capital management measure that management uses to analyze and evaluate Aecon's liquidity and its ability to generate cash to meet its short-term financial obligations. Management also believes this measure is commonly used by the investment community for valuation purposes. Refer to page 24 in this presentation for the composition of Net Working Capital and a quantitative reconciliation to the most comparable financial measure.
- ^α Debt to capitalization percentage is considered by the Company to be the most important metric in measuring the strength and flexibility of its consolidated balance sheets. Calculated as Debt of \$402.8 million (including \$180.1 million fair value of convertible debentures) divided by capitalization of \$1,337.4 million, which is comprised of shareholders' equity of \$934.6 million plus \$402.8 million of debt, to equal 30%.

- * Net JV Impact represents the difference between Equity Project EBITDA included in Adjusted EBITDA (Equity Project EBITDA as defined in Aecon's Q1 2023 MD&A) and distributions from projects accounted for using the equity method.
- Excludes \$2.9 million and \$27.5 million purchase amounts (net of cash acquired) in Q1 2023 TTM and Q1 2022 TTM, respectively, related to strategic business acquisitions since Q4 2021.
- Free Cash Flow is a capital management measure that management uses to analyze and evaluate the cash generated after taking into consideration cash outflows that support its operations and maintain its capital assets. Management also believes this measure is commonly used by the investment community for valuation purposes. Refer to page 24 in this presentation for a quantitative reconciliation to the most comparable financial measure, being Cash Flow From Operations & Investing Activities.
- [®] This is a non-GAAP financial measure or non-GAAP ratio. Refer to page 2 in this presentation.

Outlook

- Demand for Aecon's services across Canada continues to be strong, particularly in smaller and medium sized projects.
- In addition, during 2022, a consortium in which Aecon is a participant was selected to deliver the long-term GO Expansion On-Corridor Works project in Ontario under a progressive design, build, operate and maintain contract model which begins with a two-year development phase leading into the main construction scope and a 25-year operations and maintenance component, while another consortium in which Aecon is a participant was selected as the development partner for the Scarborough Subway Extension Stations, Rail and Systems project in Ontario to be delivered using a progressive design-build model. None of the anticipated work from these two significant long-term projects is yet reflected in backlog.
- Aecon (including joint ventures in which Aecon is a participant) is also prequalified on a number of project bids due to be awarded during the next twelve
 months and has a pipeline of opportunities to further add to backlog over time. With backlog of \$6.0 billion at March 31, 2023 and recurring revenue programs
 continuing to see robust demand, driven by the utilities sector and ongoing recovery in airport traffic in Bermuda, Aecon believes it is positioned to achieve
 further revenue growth over the next few years.
- While volatile global and Canadian economic conditions are impacting inflation, interest rates, and overall supply chain efficiency, these factors have stabilized to some extent and have largely been and will continue to be reflected in the pricing and commercial terms of the Company's recent and prospective project awards and bids. However, certain ongoing joint venture projects that were bid some years ago have experienced impacts related, in part, to those factors, that will require satisfactory resolution of claims with the respective clients see Section 5 "Recent Developments", Section 10.2 "Contingencies" and Section 13 "Risk Factors" in the Q1 2023 MD&A regarding the risk on four large fixed price legacy projects entered into in 2018 or earlier by joint ventures in which Aecon is a participant.
- On March 1, 2023, Aecon announced that it has entered into a definitive purchase agreement with GIP under which Aecon has agreed to sell its ATE roadbuilding, aggregates and materials businesses in Ontario for \$235 million in cash. On March 15, 2023, Aecon announced that it has entered into an agreement with CC&L Infrastructure to sell a 49.9% interest in the Bermuda International Airport concessionaire for US\$128.5 million (\$173.9 million equivalent at March 31, 2023) in cash. The sale of ATE closed on May 1, 2023, and the closing of Bermuda transaction is expected in the second quarter of 2023. Upon closing, Aecon expects to use the net proceeds from the transactions to pay down debt on its revolving credit facility. Aecon plans to maintain a disciplined capital allocation approach focused on long-term shareholder value.
- In the Construction segment, with strong demand, growing recurring revenue programs, and diverse backlog in hand, Aecon is focused on achieving solid execution on its projects and selectively adding to backlog through a disciplined bidding approach that supports long-term margin improvement in this segment.
- In the Concessions segment, in addition to expecting an ongoing recovery in travel through the Bermuda International Airport through 2023, there are a number
 of opportunities to add to the existing portfolio of Canadian and international concessions in the next 12 to 24 months, including projects with private sector
 clients that support a collective focus on sustainability and the transition to a net-zero economy.



We seek to actively manage and aim to improve our environmental, social and governance performance & identify opportunities in sustainability that we expect to drive growth for the business.

Environmental Leadership	Our People and Communities	Responsible Governance
First construction company in Canada to set a GHG target	Canada's Best Places to Work (Glass Door 2021)	2022 Sustainability Report
 2030 – 30% reduction in Direct CO₂ Emissions on an Intensity Basis[^]as compared to 2020 	200 Best Employers in Canada (Kincentric 2020)	Commitment to UN Sustainable Development Goals
 2050 – Net-Zero for Direct and Indirect CO₂ Emissions 	Partnerships to achieve goalsAecon Women In Trades (AWIT)	7 AFFORDABLE AND CLEAN ENERGY
14% reduction in emissions intensity since 2020	 Operating joint ventures with 2 First Nations in Alberta & 3 in Ontario 	First Canadian construction company to adopt a sustainability-linked credit
	Aecon's Reconciliation Action Plan	facility tied to ESG objectives
Exploring low carbon options for vehicles and construction equipment Committed to greening Aecon's supply chain	 Engaging in reconciliation by working in unison with Indigenous Peoples \$200M+ in goods & services procured 	One of Canada's Best 50 Corporate Citizens (Corporate Knights 2022)
committee to greening Accorrs supply chain	from the Indigenous economy in 2022	
[^] Intensity based targets are based on economic output and	represent tonnes of $\rm CO_2$ per million dollars of revenue	SUSTAINABLE DEVELOPMENT GOALS TCFD LAW FORCE W LIMATE-FELATED DISCIDINES

Working Towards Net Zero Construction

Today, the construction industry is responsible for about 10% of greenhouse gas emissions worldwide¹, and faces many opportunities for increased efficiency and lower emissions. Aecon is working to make construction activity more sustainable through innovative equipment, data-driven work processes and enhanced management of materials and waste. This is a summary of key initiatives we're using to reduce emissions and work towards net zero construction: The 2020 Global Status Report for Buildings and Construction.
 See 2021 Sustainability Report for some of our past initiatives.





APPENDIX

Operating Profit & Adj. EBITDA Contribution By Segment

Q1 2022 TTM results include net benefit from the Canada Emergency Wage Subsidy ("CEWS") program of \$24.1M

Operating Profit (\$ Millions)

	Q1 2023	Q1 2022	% CHANGE
Construction	16.2	1.3	1146%
Concessions	2.4	1.5	60%
TOTAL [^]	5.6	(9.6)	158%
	01 2022	01 2022	
	Q1 2023 TTM	Q1 2022 TTM	% CHANGE
Construction	-	-	% CHANGE
Construction Concessions	TTM	TTM	

Adjusted EBITDA (\$ Millions)[@]

	Q1 2023	Q1 2022	% CHANGE
Construction	22.3	19.3	16%
Concessions	15.0	13.6	10%
TOTAL	24.6	20.6	19%
	Q1 2023 TTM	Q1 2022 TTM	% CHANGE
Construction	-	-	% CHANGE
Construction Concessions	TTM	TTM	

After corporate costs and eliminations. Wot Meaningful This is a non-GAAP financial measure. I

^e This is a non-GAAP financial measure. Refer to page 2 in this presentation. * This is a non-GAAP ratio. Refer to page 2 in this presentation.

Operating Profit I	Margin %		
	Q1 2023	Q1 2022	BPS CHANGE
Construction	1.5%	0.1%	1 40
Concessions	nmf#	nmf#	nmf [#]
TOTAL [^]	0.5%	(1.0%)	1 50
	Q1 2023	Q1 2022	
	TTM	TTM	BPS CHANGE
Construction	TTM 2.9%	TTM 3.4%	BPS CHANGE 50
Construction Concessions			

Adjusted EBITDA Margin %* 01 2023 01 2022 **BPS CHANGE** Construction 2.0% 2.0% No change Concessions nmf# nmf# nmf# 10 TOTAL[^] 2.2% 2.1% 01 2022 01 2023 TTM TTM **BPS CHANGE** Construction 4.1% 5.1% 100 nmf# nmf# Concessions nmf# 5.7% **110** TOTAL[^] **4.6**%

Construction Q1 2023 Results

Revenue up by \$119M, or 12%, quarter-over-quarter

- \$65M in civil operations driven by an increase in major projects in both eastern and western Canada.
- \$27M in industrial operations due to increased activity on mainline pipeline work and higher field construction work at mining and wastewater facilities all in western Canada, partially offset by lower volume of field construction work at chemical facilities in eastern Canada.
- \$11M in nuclear operations driven by an increased volume of refurbishment work at nuclear generating stations in Ontario and the U.S.
- ▲ \$9M in utilities operations from increased volume of telecommunications and high-voltage electrical transmission work, partially offset by a lower volume of oil and gas distribution work.
- \$7M in urban transportation solutions driven primarily by a higher volume of rail electrification project work in Ontario.

New awards lower by \$398M, or 33%, quarter-over-quarter





Construction Q1 2023 Results (continued)

Q1 2022 TTM results include net benefit from the Canada Emergency Wage Subsidy ("CEWS") program of \$24.1M

Adjusted EBITDA[@] up by **\$3M**, or **16%**, quarter-over-quarter and **Operating Profit** up by **\$15M**, or **1146%**, quarter-over-quarter

- Higher volume and gross profit margin in industrial and urban transportation solutions. Higher gross profit and gross profit margin in industrial was largely due to a negative gross profit of \$7.1 million in the same period last year versus \$nil in the first quarter of 2023 from one of the four fixed price legacy projects.⁺
- Higher volume in nuclear operations.
- Lower gross profit in civil operations due to negative gross profit of \$2.8 million in the first quarter of 2023 versus a gross profit of \$3.9 million in the same period last year from one of the four fixed price legacy projects.⁺
- Operating profit impacted by increase in gains on the sale of property and equipment of \$10.4 million in utilities operations.







Concessions Q1 2023 Results

Revenue up by \$3M, or 18%, quarter-over-quarter

Primarily due to an increase in commercial flight operations at the Bermuda International Airport.

Adjusted EBITDA[®] up by **\$1.4M**, or **10%**, quarter-over-quarter and **Operating Profit up** by **\$0.9M**, or **60%**, quarter-over-quarter

Primarily from an increase in management and development fees as well as an improvement in operating results from the Bermuda International Airport.



* Totals and variances may not add due to rounding and eliminations.

 e This is a non-GAAP financial measure. Refer to Refer to page 2 in this presentation.



Non-GAAP Measures Quantitative Reconciliation

Net Working Capital Recor	nciliation (\$M)	
	March 31, 2023	
Trade and Other Receivables	957.9	
Unbilled Revenue	765.7	Profit B
Inventories	27.2	Finan Finan
Prepaid Expenses	89.7	Operat
Less		Depre Gain d
Trade and Other Payables	1052.7	Incom
Provisions	17.2	metho
Deferred Revenue	285.9	Equity Adjuste
Net Working Capital	484.7	Cash
		Cash

Equity Project EBITDA Reconciliation (\$M)			
	<u>Q1 2023</u> <u>TTM</u>	<u>Q1 2022</u> <u>TTM</u>	
Operating profit of projects accounted for using the equity method	56.4	55.1	
Depreciation and amortization of projects accounted for using the equity method	0.8	0.8	
Equity Project EBITDA	57.2	55.9	

Free Cash Flow Reconciliation (\$M)*		
	<u>Q1 2023</u> <u>TTM</u>	<u>Q1 2022</u> <u>TTM</u>
Profit Before Income Taxes	54.4	73.3
Finance cost	62.2	46.6
Finance income	(4.2)	(0.6)
Operating Profit	112.4	119.4
Depreciation and amortization	94.2	88.4
Gain on sale of assets	(22.6)	(9.6)
Income from projects accounted for using the equity method	(17.9)	(15.5)
Equity Project EBITDA [®]	57.2	55.9
Adjusted EBITDA [®]	223.2	238.7
Cash interest paid	(55.3)	(41.1)
Cash interest received	4.2	0.5
Purchase of property, plant and equipment	(32.9)	(25.3)
Proceeds on sale of property, plant and equipment	23.4	11.4
Increase in intangible assets	(9.3)	(2.7)
Income taxes paid	(23.3)	(32.9)
Increase in marketable securities	(0.8)	-
Provision for expected credit losses	0.8	-
Free Cash Flow before Working Capital and net JV Impact	130.0	148.6
Change in other balances related to operations	(186.3)	(275.3)
Equity Project EBITDA	(57.2)	(55.9)
Distributions from projects accounted for using the equity method	3.2	3.1
Free Cash Flow	(110.2)	(179.5)

Cash Flow From Operations & Investing Reconciliation (\$M)

	<u>Q1 2023</u> <u>TTM</u>	<u>Q1 2022</u> <u>TTM</u>
Free Cash Flow	(110.2)	(179.5)
Defined benefit pension Stock-based compensation settlements and receipts Concession deferred revenue Unrealized foreign exchange gain Increase in provisions Stock-based compensation expense Decrease (increase) in restricted cash balances Investment in concession rights Increase in long-term financial assets Net cash outflow on acquisition of a business Other	$\begin{array}{c} 0.5 \\ (3.6) \\ (3.9) \\ 0.4 \\ 1.9 \\ 20.6 \\ (3.8) \\ 0.1 \\ (1.0) \\ (2.9) \\ (1.4) \end{array}$	0.8 (2.0) (3.7) 0.2 6.9 20.6 7.7 (3.1) (1.1) (27.5) 0.2
Total Reconciling Items	6.8	(1.1)
Cash Flow from Operations Cash Flow from Investing Activities	(79.3) (24.1)	(143.1) (37.5)
Cash Flow from Operations and Investing Activities	(103.4)	(180.6)

^e This is a non-GAAP financial measure. Refer to page 2 in this presentation. * Totals may not add due to rounding.

Capital Markets Overview

ARE.TSX Statistics

as of May 11, 2023

\$12.46 Share Price

ACCON

61.5 Million Shares Outstanding

0.8 Million (\$8.9 Million) Avg. Daily Share Volume (3 months – TSX & ATS) 5.9% Dividend Yield

~\$0.8 Billion Market Capitalization

\$8.29 / \$15.17 52 Week Low / High



Annual Dividend History

Analyst Coverage[^]

Firm	Analyst	Telephone
ATB Capital	Chris Murray	(647) 776-8246
BMO Capital Markets	Devin Dodge	(416) 359-6774
Canaccord Genuity	Yuri Lynk	(514) 844-3708
CIBC Capital Markets	Jacob Bout	(416) 956-6766
Desjardins Securities	Benoit Poirier	(514) 281-8653
Industrial Alliance Securities	Naji Baydoun	(514) 375-2904
Laurentian Bank Securities	Jonathan Lamers	(416) 577-1755
National Bank Financial	Maxim Sytchev	(416) 869-6517
Paradigm Capital	Alexandra Ricci	(416) 361-6056
Raymond James	Frederic Bastien	(604) 659-8232
RBC Dominion Securities	Sabahat Khan	(416) 842-7880
Stifel GMP	lan Gillies	(416) 943-6108
TD Securities	Michael Tupholme	(416) 307-9389

5 Buy / Outperform Recommendations

6 Hold / Sector Perform Recommendations

2 Restricted

\$16.09 Average Target Price

^ The views of analysts do not necessarily represent the views of Aecon

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