

Forward-Looking Information

The information in this presentation includes certain forward-looking statements. Although these forward-looking statements are based on currently available competitive, financial and economic data and operating plans, they are subject to risks and uncertainties. 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 risks associated with an investment in the common shares of Aecon and the risks related to Aecon's business. Such factors include but are not limited to: the timing of projects, unanticipated costs and expenses, the ability to recognize and adequately respond to climate change concerns or public and governmental expectations on climate matters, Aecon's assessment of the risks and opportunities related to its industry's transition to a lower-carbon economy, Aecon's expectations regarding legal proceedings to which Aecon is a party, general market and industry conditions and operational and reputational risks, including large project risk and contractual factors and risks relating to the COVID 19 pandemic.

Risk factors included here are not exhaustive and are discussed in greater detail in the section "Risk Factors" included in the Management Discussion and Analysis filed on February 25, 2021 and in the Annual Information Form filed on February 26, 2021, both of which are available on SEDAR at www.sedar.com. Other important factors, in addition to those discussed in this document, could affect the future results of Aecon and could cause its results to differ materially from those expressed in any forward-looking statements.

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. Forward-looking statements may in some cases be identified by words such as "will", "plans", "believes", "expects", "anticipates", "estimates", "projects", "intends", "should" or the negative of these terms, or similar expressions. 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 statements, whether as a result of new information, future events or otherwise, except as required by applicable law.



Why Invest in Aecon?

The #1 Canadian Infrastructure Company



Unprecedented Infrastructure Demand



\$40B+

Backlog

Active Bid Pipeline

- Record level of infrastructure investment underway and committed across Aecon's focus areas
- Government investment in infrastructure is a key source of economic stimulus as part of the COVID-19 recovery plan
- Positive population and immigration dynamics driving long-term, sustainable demand
- Partner of choice for international and domestic players
- Strong track record of growth and margin improvement



Diversified & Resilient Business Model

\$3.6B

\$262M

\$42M

Total Revenue*

Construction EBITDA**

Concessions EBITDA**

- Diversified by geography, sector, contract size and type in Construction segment
- Over 900 discrete projects typically underway with average project size <\$25 million
- Valuable and growing Concessions portfolio
- Solid recurring revenue base adds further stability and growth opportunity to business mix
- ~40% of TTM revenue from unit price/cost plus contracts
- Financial position, liquidity and capital resources remain strong to support growth and reduce risk



Focus on Shareholder Value Creation

13%

23%

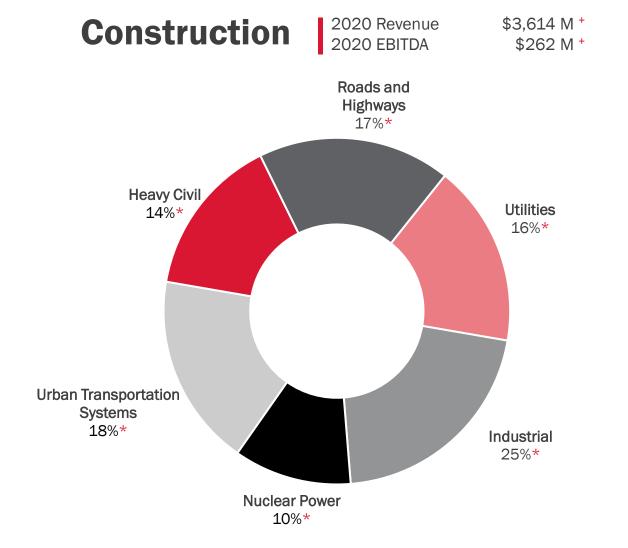
25%

10 year Dividend CAGR^ 5 year EPS CAGR# 5 year Total Shareholder Return&

- Disciplined, balanced and diverse capital allocation strategy
- History of consistent dividend increases
- Growth in Concessions portfolio provides future value creation options
- Current valuation multiple provides attractive upside potential

- * 2020 Full Year
- Before corporate costs and eliminations
- Compound Annual Growth Rate ("CAGR") of annual dividend from 2011 to 2021
- # CAGR of full year Diluted EPS from 2015 to 2020; excludes one-time gain on sales of Quito International Airport & IST in 2015
- & December 31, 2015 to December 31, 2020

Diverse & Resilient Business Model



Concessions

2020 Revenue 2020 EBITDA \$98 M + \$42 M +

SKYPORT	BERMUDA AIRPORT	100%^
MOSAIC	FINCH WEST LRT	33%^
CROSSLIN& O TRANSIT SOLUTIONS	EGLINTON LRT	25%^
BRIDGING	GORDIE HOWE INTERNATIONAL BRIDGE	20%^
GRANDLING	WATERLOO LRT	10%^

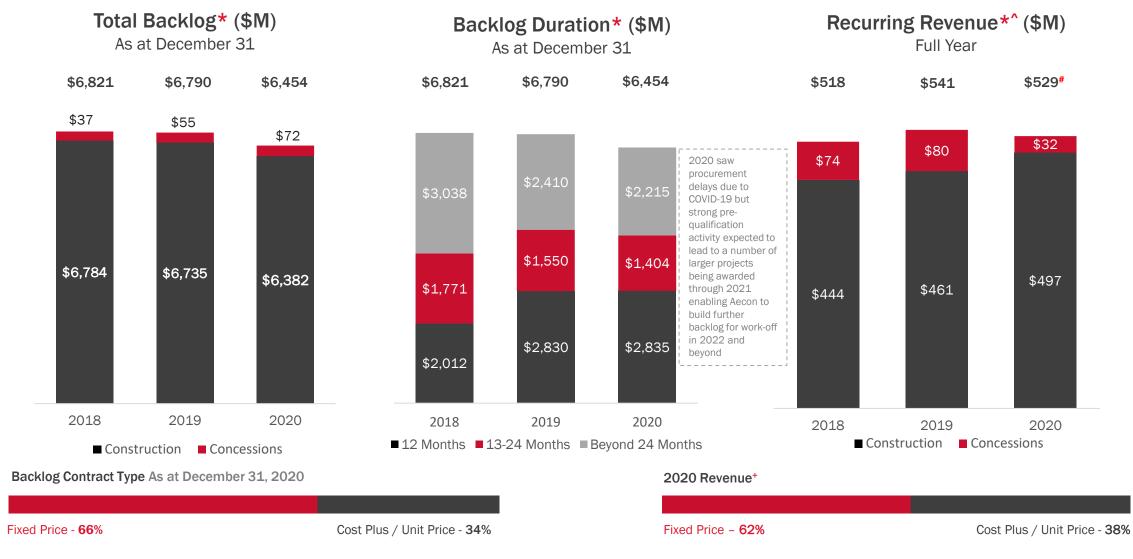
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^{*} Before corporate costs and eliminations

[%] of 2020 Revenue

^{^ %} of Aecon equity ownership in the concessionaire

Strong Backlog & Recurring Revenue Profile



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

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[^] Excludes contract mining recurring revenue in 2018 due to sale of business in 2018

[#] Decrease in 2020 recurring revenue driven by the suspension of commercial flight operations on March 20, 2020 at the Bermuda International Airport. Upon reopening of the airport on July 1, 2020,

commercial flight operations have been at a significantly reduced volume compared to the prior year for reasons related to the COVID-19 pandemic. Utilities recurring revenue demonstrated solid growth again in 2020.

^{*} TTM Revenue contract mix reflects inclusion of recurring revenue (Cost Plus/Unit Price) and timing of backlog work off

Unparalleled Demand Aligned with Aecon's Strengths

\$40+ Billion* in Project Pursuits

Quebec City Tramway	Р3	QC
Laurentia Project - Port of Quebec Deep-Water Wharf		QC
VIA Rail Maintenance Facilities Modernization (Montreal)		QC
REM Airport Station - Montréal Trudeau		QC
Metrolinx Regional Express Rail (RER) Program	Р3	ON
Ontario Line Subway (Civil, Rolling Stock and O&M)	Р3	ON
VIA Rail Maintenance Facilities Modernization (Toronto)		ON
Winnipeg North End Wastewater Treatment Plant Upgrade		MB
Trans Mountain Pipeline (Additional Future Sections)		AB
Calgary Green Line LRT		AB
Annacis Water Supply Tunnel		ВС
I-90/SR 18 Interchange to Deep Creek		WA

- Robust pipeline of opportunities and commitments
- Diversified series of pursuits by sector and geography
- Opportunities strongly correlate with Aecon's experience and expertise

Federal Infrastructure Programs

\$180B | Invest in Canada Plan

12 - year Federal investment plan from 2016 to 2028

\$15B for public transit projects between 2021 and 2028 with \$6B available from 2021 and \$3B per year in 2026, 2027 and 2028

\$35B | Canada Infrastructure Bank

\$10B investments between 2020 and 2023 announced in October 2020 including i) \$1.5B for Zero Emission Buses ii) \$2.5B for Clean Power iii) \$2B for Broadband iv) \$1.5B for Agriculture infrastructure and v) \$500M for project acceleration to expedite due diligence and early works construction

Key Provincial Infrastructure Programs

\$86B | Ontario Budget

Transit and Transportation investment over 10 years from 2021, including \$40B in P3 and major project procurements underway through Infrastructure Ontario and \$2.8B for Broadband infrastructure

\$40B | Quebec Budget

Investment in road and transit infrastructure over 10 years from 2020

\$7B | BC Budget

Transportation investment over 3 years from 2020

\$5B | Alberta Budget

Roads and bridges investment over 3 years from 2020 plus investment in Edmonton and Calgary LRT; \$2B accelerated capital maintenance and renewal budget for 2020; \$500M of funding for municipalities for transportation and water infrastructure and an additional \$612M of new infrastructure projects

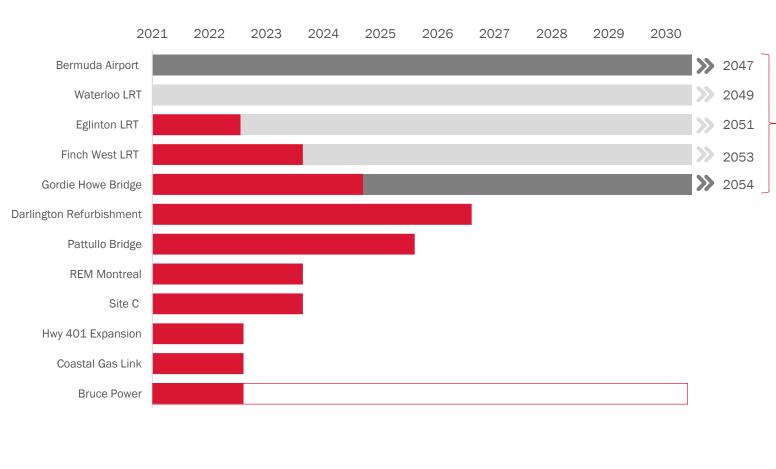


^{*} Total project size, not necessarily Aecon's share, as most major projects bid with partners

Source: Infrastructure Canada, Canada Infrastructure Bank Investing in New Infrastructure Growth Plan 2020, Ontario Budget 2021, Infrastructure Ontario December 2020 P3 Market Update, BC Budget 2020, Alberta Budget 2020, Quebec Budget 2020

Major Projects & Concessions Provide Stability





P3 Concessions*

Bermuda Airport

US\$274 million; construction started 2017 and completed 2020; 100% equity stake and 30 year concession began in 2017

Waterloo LRT

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

Eglinton LRT

\$5.3 billion; construction started 2015 and target completion under discussion; 25% equity stake and 30 year concession post construction

Finch West LRT

\$2.5 billion; construction started 2018 and target completion 2023; 33% equity stake and 30 year concession post construction

Gordie Howe Bridge

\$5.7 billion; construction started 2018 and target completion 2024; 20% equity stake and 30 year concession post construction

Other Major Projects*

Darlington Nuclear Refurbishment

\$2.75 billion; 10 year project started 2016

Pattullo Bridge Replacement

\$968 million; 5 year project started 2020

REM LRT Montreal

\$6.5 billion; 5 year project started 2018

Site C Generating Station & Spillways Hydro Project

\$1.6 billion; 5 year project started 2018

HWY 401 Expansion

\$640 million; 3 year project started 2019

Coastal Gas Link Pipeline

\$526 million; 3 year project started 2019

Bruce Power Nuclear Refurbishment

\$475 million; 2 year project started 2020; the first of six units for fuel channel and feeder replacement.

Aecon consortium has a Preferred Supplier Agreement with Bruce Power for subsequent five units; 10–12 year total project duration; Aecon JV was also awarded first of six steam generator unit replacements in December 2017



Equity and Maintenance Equity, Operations and Maintenance

Opportunity

Diverse and Valuable Concessions Portfolio

The Aecon Value Proposition

- ✓ Proven capability to develop, construct, finance and operate diverse infrastructure concessions in Canada and internationally
- ✓ Solutions-based, partner of choice to international construction firms, governments and financial institutions
- ✓ Leader in technology and systems integration in transit, tolling and airport infrastructure as well as innovative financing models
- ✓ Provides for stable, long-term cash flow opportunity with flexibility to monetize interests for future development projects
- Opportunity to build on expertise to target innovative development and concession opportunities in industrial, power, cleantech, and other related markets



Bermuda L.F. Wade International Airport

- 100% equity ownership and concession
- Commercial operations resumed July 2020 after temporary suspension due to COVID-19
- Development and construction of new terminal completed September 2020
- New terminal opened on December 9, 2020
- 30 year operations and maintenance concession to 2047



Canadian LRTs

- 30 year maintenance concessions on Eglinton, Finch and Waterloo LRTs
- Availability-based payments with no revenue risk from provincial transit counterparties
- Proven team currently bidding on Canadian transit projects in procurement



Gordie Howe International Bridge

- 30 year operations and maintenance concession
- Availability-based payments with no revenue risk from Canadian Federal Government



Q4 and Full Year 2020 Financial Results

Results include net effect of CEWS program and COVID-19 impacts^

\$ Millions
(except per share amounts)

(except per share amounts)
Revenue
Gross Profit
Gross Margin %
Adjusted EBITDA
Adjusted EBITDA Margin %
Operating Profit
Profit
Earnings per share - diluted
New Awards
Backlog

Three Months Ended Dec 31^		Year Ended Dec 31^			
2020	2019	Change+	2020	2019	Change+
1,077	917	17 %	3,644	3,460	5 %
124.0	103.9	1 9%	401.3	367.6	▲ 9%
11.5%	11.3%	▲ 20 bps	11.0%	10.6%	▲ 40 bps
83.6	61.7	▲ 35%	264.5	221.9	19 %
7.8%	6.7%	▲ 110 bps	7.3%	6.4%	▲ 90 bps
53.5	31.1	▲ 72%	149.9	107.3	40 %
32.0	20.2	▲ 58%	88.0	72.9	▲ 21 %
\$0.46	\$0.31	▲ 48%	\$1.29	\$1.12	15 %
868	1,150	▼ 25%	3,308	3,429	▼ 4%
6,454	6,790	▼ 5%	6,454	6,790	▼ 5%

[^] Results include a net positive impact from subsidy related to Canada Emergency Wage Subsidy ("CEWS") program (\$10.6 million in Q4 2020 and a total of \$79.7 million for the full year 2020), recorded as cost recovery in the Construction segment within gross profit (\$89.4 million) and as an increase in MG&A (\$9.7 million). This subsidy offset the impacts of COVID-19 on Aecon's business since March 2020 while assisting Aecon to maintain normal employment levels through this period.



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Strong Financial Position, Liquidity and Capital Resources

Balance Sheet (\$M)			
Decembe	er 31, 2020		
Core Cash [^]	100.5		
Cash in Joint Operations [^]	557.8		
Total Cash [^]	658.3		
Net Working Capital	(3.5)		
Long-Term Debt [^]			
- Finance Leases	164.8		
- Equipment & Other Asset Loans	35.3		
LT Debt excluding Convertible Debentures [^]	200.1		
Convertible Debentures (Face Value) due Dec. 2023 (5.0%)	184.0		
Total LT Debt plus Convertible Debentures^	384.1		
LT Debt to 2020 Adjusted EBITDA&^			
- Excluding Convertible Debentures	0.8 x		
- Including Convertible Debentures	1.5 x		
Net Debt to 2020 Adjusted EBITDA ⁺	1.1 x		

Free Cash Flow (\$M)			
	Y/E 2020	Y/E 2019	
Adjusted EBITDA	264.5	221.9	
Cash Interest Expense (net)	(41.9)	(36.0)	
Capital Expenditures (net)	(34.6)	(35.6)	
Income Taxes Paid	(20.4)	(6.7)	
Free Cash Flow Before W/C and net JV Impact	167.6	143.6	
Change in Working Capital	80.5	11.1	
Net JV Impact*	(43.9)	(31.5)	
FREE CASH FLOW**	204.2	123.2	

- Financial position, liquidity and capital resources are expected to be sufficient to finance operations and working capital requirements for the foreseeable future
- \$1.5 billion total committed credit facilities for working capital and letter of credit requirements
- No debt or working capital credit facility maturities until the second half of 2023, except equipment loans and leases in the normal course



[^] Excludes non-recourse project debt & restricted cash associated with Bermuda Airport Project

⁺ Net debt calculated as long-term debt (including convertible debentures) less core cash

[&]amp; Calculations based on face value of convertible debentures

^{*} Net JV Impact represents the difference between Equity Project EBITDA included in Adjusted EBITDA (Equity Project EBITDA as defined in Aecon's MD&A) and distributions from projects accounted for using the equity method

^{**} Excludes \$30 million purchase of Voltage Power in February 2020 and final proceeds from sale of Contract Mining business: \$22 million in 2019 and \$12 million received in May 2020

Diverse Capital Allocation Program

Focus on Profitable Growth and Risk Management to drive Shareholder Returns



Profitable Growth

- Support capital expenditures and investments in new projects, technology and equipment
- Investment in growth of value creating Concessions portfolio
- Tuck-in acquisitions to expand capabilities and geographic end markets



Preserve Financial Strength

- Strong and liquid balance sheet to support pursuit and execution of major projects and concessions
- Lead joint ventures, attract the right partners and achieve desired project credit ratings
- Demonstrate resiliency and capacity to absorb working capital and risk management requirements

Balanced and Diversified Capital Allocation



Enhance Shareholder Returns

- Dividends have increased 9 of the last 10 years with 13% CAGR*
- Diluted Earnings per Share has grown at 23% CAGR over the last 5 years#
- 5 year Total Shareholder Return of 25%



Capital Expenditures & Investments^a

\$461 million over the last 5 years+



Dividends

\$156 million over the last 5 years+



M&A

>\$40 million over the last three years for five strategic, tuck-in acquisitions



NCIB

>\$23 million between November 2019 and March 2020

- * 2011 to 2021 annual dividend
- # CAGR of full year Diluted EPS from 2015 to 2020; excludes one-time gain on sales of Quito International Airport & IST in 2015
- & Includes investments in plant property and equipment, technology and equity investments in concessions projects
- December 31, 2015 to December 31, 2020

Outlook

- Aecon's overall outlook for 2021 remains positive despite the ongoing background of COVID-19. Backlog and the level of new awards in 2020 remained strong, particularly in light of the challenges of a pandemic environment, with backlog of \$6.5 billion at the end of 2020, new awards of \$3.3 billion during the year, and strong recurring revenue programs, primarily in the utilities sector.
- The Company expects that demand for its services will remain healthy for the foreseeable future as the federal government and provincial governments across Canada have identified investment in infrastructure as a key source of stimulus as part of the economic recovery plan. Aecon is pre-qualified on a number of large project bids due to be awarded during 2021 and has a robust pipeline of opportunities to further add to backlog over time. In addition, recurring revenue in the utilities sector is expected to grow based on the capital investment plans of a number of key clients, particularly in the telecommunications sector.
- Despite this overall positive outlook, the COVID-19 pandemic is expected to continue to have some impact in moderating overall revenue and profitability
 growth expectations in 2021, either due to client decisions related to schedules or operating policies or due to broader government directives to modify
 work practices to meet relevant health and safety standards. While the primary impact from COVID-19 will be to reduce revenue in certain areas of
 Aecon's Construction segment until normal operations fully resume, there is no guarantee that all related costs will be recovered and therefore it is
 possible that future project margins could be impacted as well.
- In the Concessions segment, the new Bermuda International Airport terminal opened for operations on December 9, 2020, which marked a significant milestone for the Company. Commercial operations continue to recover slowly due to COVID-19 related travel restrictions. The aviation industry is not expected to improve meaningfully until significant portions of the global population have been vaccinated and existing travel restrictions are lifted.
- As a Canadian employer whose business has been affected by COVID-19, Aecon expects to continue its participation in the CEWS program throughout the program's duration, subject to meeting the applicable eligibility requirements.
- Aecon's financial position, liquidity and capital resources remain strong, and are expected to be sufficient to finance its operations and working capital requirements for the foreseeable future.
- Capital expenditures in 2021 are expected to be higher than 2020 as a result of deferred capital spending in 2020 due to COVID-19, with spending in 2021 expected to be more in line with 2019.
- The overall outlook for 2021 remains strong as construction continues on a number of projects that ramped up in 2019 and 2020, the strong level of backlog and new awards during 2020, and the strong demand environment for Aecon's services, including recurring revenue programs, all subject to the unknown impacts of COVID-19 going forward.





Building the Infrastructure of a Better Tomorrow

Infrastructure we build helps us adapt to climate change, transition to a net-zero carbon economy and stay safe

Social Contribution

inclusive workforce and our contributions to.

Aecon's Inaugural Sustainability Report can be found at aecon.com/our-company/sustainability

Pri	nc	:in	les

Key Focus Areas

We are a catalyst to achieving the
sustainability goals of our clients and
minimizing our own environmental impact

Track and disclose our carbon footprint

and set meaningful targets to reduce it

Develop Innovations to help our clients

build resilient infrastructure in more

sustainable and cost-effective ways

Environmental Leadership

and partnerships with, the communities in which we live and work

We are proud of our dynamic, diverse &

Safety First Culture is our #1 core value

Commitment to diversity, inclusion and protection of human rights

Support for our people and our communities navigating through the challenges of the global COVID-19 pandemic

A strong governance structure ensures transparency, stewardship and accountability at Aecon

Code of Ethics and Business Conduct & Anti-Corruption Policies and Protocols in place

Responsible Governance

Reporting Standards and Guidance







Our Current Major Projects* include:

reduce congestion and emissions **5 Energy** projects that supply clean or zero-emission energy 2 Clean Water projects that provide clean water or treat wastewater **6 Civil infrastructure** projects that

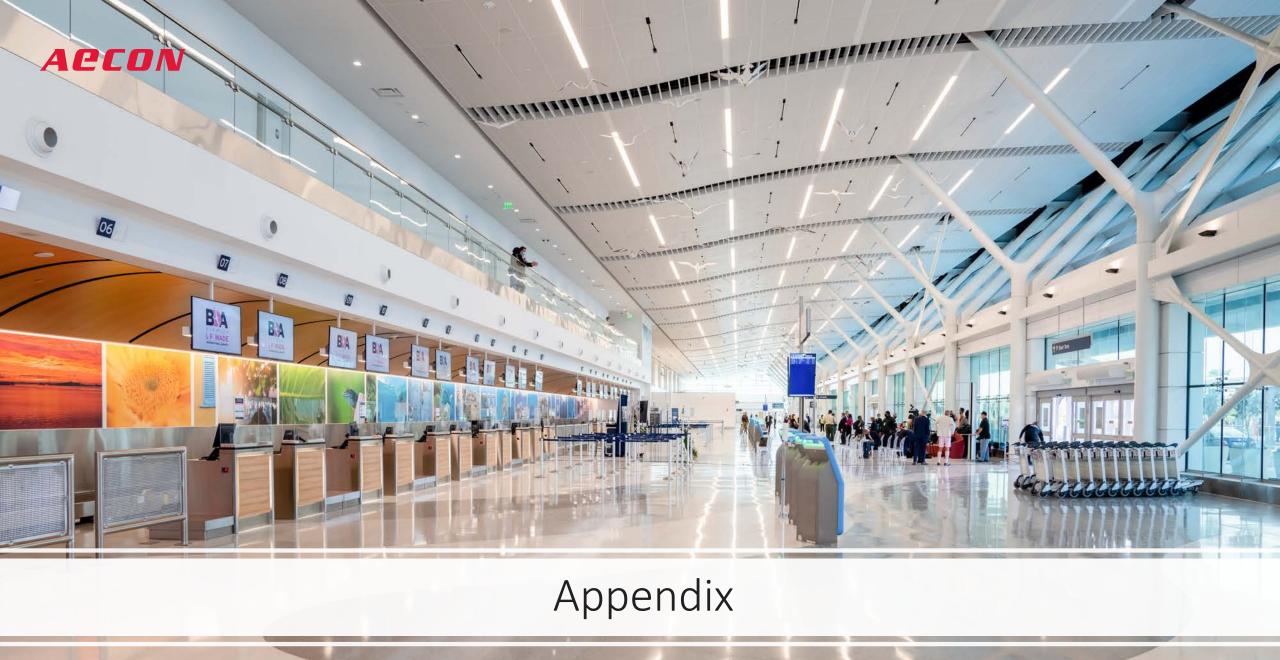
connect communities

4 Urban Transportation projects that

200 Best Employers in Canada Kincentric 2020 Canada's Best Places to Work Glass Door 2020 Top 300 Forbes Canadian Best Employers 2019 Working with Indigenous Groups across Canada in a collaborative and inclusive approach, Joint Ventures with 2 First Nations in Alberta and 1 in Ontario

30% of Aecon's Directors are women 25% of Aecon's Executive Officers are women 100% of Employees are shareholders through Employee Share Unit plan





Adjusted EBITDA Contribution by Segment

Q4 & FY 2020 Results include net effect of CEWS program and COVID-19 impacts^

Adjusted EBITDA (\$ Millions)

Q4 2020 Q4 2019 % CHANGE Construction 86.1 60.5 ▲ 42% Concessions 14.9 19.8 ▼ 25% TOTAL** 83.6 61.7 ▲ 35%

Adjusted EBITDA Margin %

	Q4 2020	Q4 2019	BPS CHANGE
Construction	8.1%	6.7%	1 40
Concessions	27.9%	51.4%	nmf#
TOTAL*	7.8%	6.7%	110

	2020 FY	2019 FY	% CHANGE
Construction	261.7	185.4	41%
Concessions	42.0	83.0	49%
TOTAL*	264.5	221.9	19%

	2020 FY	2019 FY	BPS CHANGE
Construction	7.2%	5.5%	1 70
Concessions	42.9%	38.0%	nmf#
TOTAL*	7.3%	6.4%	A 90

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[^] Results include a net positive impact from subsidy related to the CEWS program (\$10.6 million in Q4 2020 and a total of \$79.7 million for the full year 2020), recorded as cost recovery in the Construction segment within gross profit (\$89.4 million) and as an increase in MG&A (\$9.7 million). This subsidy offset the impacts of COVID-19 on Aecon's business since March 2020 while assisting Aecon to maintain normal employment levels through this period.

^{*} After corporate costs and eliminations

^{*} Not Meaningful

Construction Full Year 2020 Results

Results include net effect of CEWS program and COVID-19 impacts

Full Year 2020*

Revenue up by \$227M, or 7%, year-over-year

- ▲ \$285M in Industrial primarily driven by increased activity on mainline pipeline projects in Western Canada
- ▲ \$95M in Civil Operations and Urban Transportation Systems driven by major projects and road building operations in both Eastern and Western Canada
- ▲ \$95M in Utilities operations, primarily due to the acquisition of Voltage Power
- ▼ \$248M in Nuclear primarily driven by delayed start in refurbishment work at the Darlington Nuclear facility in Ontario due to COVID-19

Adjusted EBITDA up by \$77M, or 42%, year-over-year

- ▲ Net positive impact from subsidy related to the CEWS program (\$79.7M) offset impacts of COVID-19 on Aecon's business since March 2020 while assisting Aecon to maintain normal employment levels through this period
- V Lower profit margin in Civil and Urban Transportation Systems
- ▼ Lower volume in Nuclear
- Higher volume in Industrial and Utilities

New awards lower by \$76M, or 2%, year-over-year

Lower awards in 2020 in Industrial and Nuclear



Q4 2020*



Totals and variances may not add due to rounding and eliminations

Concessions Full Year 2020 Results

Q4 & FY 2020 Results Impacted by COVID-19



Q4 2020*

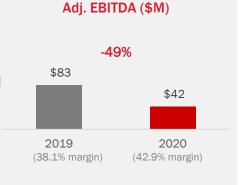
Revenue down by **\$120M**, or **55%**, year-over-year

Primarily due to the suspension of commercial flight operations on March 20, 2020 at the Bermuda International Airport Redevelopment Project followed by a lower volume of commercial flights compared to the prior year after reopening of the airport on July 1, 2020, for reasons related to COVID-19, as well as from decreased construction activity related to this project.



Adjusted EBITDA down by \$41M, or 49%, year-over-year

Primarily related to the Bermuda International Airport Redevelopment Project and the above noted COVID-19 impact on airport operations





Capital Markets Overview

ARE.TSX Statistics

\$19.49

Price as of March 24, 2021

60.2 Million

Shares Outstanding

0.4 Million (\$8.0 Million)

Avg. Daily Share Volume (3 months – TSX & ATS)

3.6%

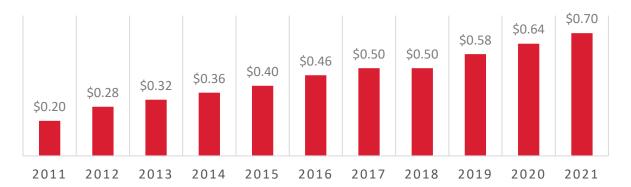
Dividend Yield

~\$1.2 Billion

Market Capitalization

\$11.53 / \$20.44

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	Mona Nazir	(647) 252-5609
National Bank Financial	Maxim Sytchev	(416) 869-6517
Paradigm Capital	Corey Hammill	(416) 361-0754
Raymond James	Frederic Bastien	(604) 659-8232
RBC Dominion Securities	Sabahat Khan	(416) 842-7880
Stifel GMP	Ian Gillies	(416) 943-6108
TD Securities	Michael Tupholme	(416) 307-9389

11 Buy / Outperform Recommendations

2 Hold / Sector Perform Recommendation

\$21.88 Average Target Price



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