

## **Cautionary Note Regarding Forward- Looking Statements**

This presentation contains forward-looking statements, including, without limitation, those related to our future growth; trends in the electronics manufacturing services (EMS) industry and our segments, and their anticipated impact on our business; and our anticipated financial and/or operational results and targets, including those on the slides captioned "Q2 2019 Outlook" "2019 Tax Rate Estimate", "Operating Margin Target" and "Q2 2019 End Market Revenue Outlook". Such forward-looking statements may, without limitation, be preceded by, followed by, or include words such as "believes," "expects," "anticipates," "estimates," "intends," "project," "potential," "possible," "contemplate," "seek," or similar expressions, or may employ such future or conditional verbs as "may," "might," "will," "could," or "would," or "would," or may otherwise be indicated as forward-looking statements by grammatical construction, phrasing or context. For those statements, we claim the protection of the safe harbor for forward-looking statements contained in the U.S. Private Securities Litigation Reform Act of 1995 and applicable Canadian securities laws.

Forward-looking statements are provided to assist readers in understanding management's current expectations and plans relating to the future. Readers are cautioned that such information may not be appropriate for other purposes. Solity to compete and are subject to risks that could cause actual results to differ materially from those expressed or implied in such forward-looking statements are not products and services; customer and segment concentration; challenges of replacing revenue from completed or lost programs or customer disengagements; changes in our mix of customers and/or the types of products or services we provide; the impact or great products or services and materials; the expansion or consolidation of our operations; defects or deficiencies in our products, services or designs; integrating acquisitions and "operate-in-place" arrangements, and achieving the anticipated benefits therefrom; negative impacts on our business resulting from recent increases in third-party indebtedness; our response to changes in demand, and rapidly evolving and changing technologies; challenges associated with new customers or programs, or other write-downs of assets; managing our operations, growth initiatives, and our working capital performance during uncertain market and economic conditions; disruptions to our operations, or those of our customers, component suppliers and/or logistics partners, including as a result of global or local events outside our/their control and the impact of significant tariffs on items imported into the U.S.; changes to our operating model; changing commodity, materials and component costs as well as labor costs and conditions; retaining or expanding our business due to execution or quality issues (including our ability to successfully resolve these challenges); maintaining sufficient financial exposure to foreign currency volatility; our dependence on industries affected by rapid technological change; increasing taxes, tax audits, and challenges of defending our tax positions, and gove

Our forward-looking statements are based on various assumptions, many of which involve factors that are beyond our control. Our material assumptions include those related to the following: fluctuation of production schedules from our customers in terms of volume and mix of products or services; the timing and execution of, and investments associated with, ramping new business; the successful pursuit, completion and integration of acquisitions; the success of our customers' products; our ability to retain programs and customers; the stability of general economic and market conditions, currency exchange rates, and interest rates; supplier performance, pricing and terms; compliance by third parties with their contractual obligations and the accuracy of their representations and warranties; the costs and availability of components, materials, services, equipment, labor, energy and transportation; that our customers will retain liability for recently-imposed tariffs and countermeasures; our ability to keep pace with rapidly changing technological developments; the timing, execution and effect of restructuring actions; the successful resolution of quality issues that arise from time to time; our having sufficient financial resources and working capital to fund currently anticipated financial obligations and to pursue desirable business opportunities; our ability of successfully diversify our customer base and develop new capabilities; the availability of cash resources for repurchases of outstanding subordinate voting shares; that we achieve the expected benefits from our recent acquisitions; and the immingular performance, proventy of the CS Review on our business. Although management believes its assumptions to be reasonable under the current circumstances, they may prove to be inaccurate, which could cause actual results to differ materially (and adversely) from those that would have been achieved had such assumptions been accurate. Forward-looking statements speak only as of the date on which they are made, and w

All forward-looking statements attributable to us are expressly qualified by these cautionary statements.

In addition, this presentation refers to non-International Financial Reporting Standards (IFRS) measures. Non-IFRS measures do not have any standardized meaning prescribed by IFRS and may not be comparable to similar measures presented by other public companies that use IFRS, or who report under U.S. GAAP and use non-GAAP measures to describe similar operating metrics. Non-IFRS measures are not measures of performance under IFRS and should not be considered in isolation or as a substitute for any standardized measure under IFRS. We do not provide reconciliations for forward-looking non-IFRS financial measures, as we are unable to provide a meaningful or accurate calculation or estimation of reconciling items and the information is not available without unreasonable effort. Forward-looking non-IFRS measures may vary materially from the corresponding IFRS financial measures.



# Q1 2019 Highlights

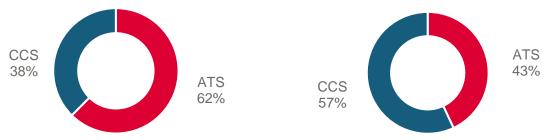
\$US	Q1 2019	Comments
Revenue	\$1.43B	4% YTY Decrease; 9% YTY Growth in ATS 12% YTY Decrease in CCS
IFRS Net Earnings	\$90.3M	Up \$76.2M YTY
IFRS EPS - diluted	\$0.66	Up 56 cents YTY
Non-IFRS Operating Margin	2.4%	Down 0.6% YTY <sup>1</sup>
Non-IFRS Adjusted EPS – diluted	\$0.12	Down 12 cents YTY <sup>1</sup>
Non-IFRS Adjusted ROIC	7.9%	Down 6.5% YTY <sup>1</sup>

<sup>&</sup>lt;sup>1</sup> Please refer to the Appendix for a reconciliation of Non-IFRS financial measures to the most directly comparable IFRS measures.

## ATS<sup>1</sup> and CCS<sup>2</sup> Segment Revenue and Profitability



Q1 2018 % of Total Segment Income	Q1 2019 % of Total Segment Income



1Q19 Revenue \$	Sequential	Year over Year
ATS	Up 2%	Up 9%
CCS	Down 26%	Down 12%
Communications	Down 18%	Down 5%
Enterprise <sup>3</sup>	Down 38%	Down 21%

Segment Income <sup>6</sup>	1Q18	1Q19
ATS	27.9M	15.1M
CCS	16.8M	20.0M

Segment Margin <sup>6</sup>	1Q18	1Q19
ATS	5.2%	2.6%
CCS	1.7%	2.3%

<sup>&</sup>lt;sup>1</sup> ATS consists of our Aerospace & Defense, Industrial, Smart Energy, Healthtech, and Capital Equipment businesses.

<sup>&</sup>lt;sup>2</sup> CCS consists of our Communications and Enterprise end markets.

<sup>&</sup>lt;sup>3</sup> Enterprise consists of our Servers and Storage businesses.

<sup>&</sup>lt;sup>4</sup> In Q1 2018, Communications represented 39% of total revenue and Enterprise represented 25% of total revenue.

 $<sup>^{5}</sup>$  In Q1 2019, Communications represented 39% of total revenue and Enterprise represented 21% of total revenue.

<sup>&</sup>lt;sup>6</sup> Segment income is defined as a segment's net revenue less its cost of sales and its allocable portion of selling, general and administrative expenses and research and development expenses (collectively, Segment Costs). Identifiable Segment Costs are allocated directly to the applicable segment while other Segment Costs, including indirect costs and certain corporate charges, are allocated to our segments based on an analysis of the relative usage or benefit derived by each segment from such costs. Segment income excludes finance costs, amortization of intangible assets (excluding computer software), employee stock-based compensation expense, net restructuring, impairment and other charges (recoveries), and when applicable, recognized fair value adjustments for inventory acquired in connection with acquisitions. See note 10 to our Q1 2019 unaudited interim condensed consolidated financial statements (Q1 2019 Interim Financial Statements) for quantification of net restructuring, impairment and other charges (recoveries).

# Q1 2019 Highlights<sup>1</sup>

<b>\$US Millions</b> (Except for per share amounts and %)	Q1 2019 B/(W) QTQ (vs. Q4 2018)		B/(W) YTY (vs. Q1 2018)
Revenue	\$1,433	(\$294)	(\$67)
IFRS Net Earnings	\$90.3	\$30.2	\$76.2
IFRS EPS - diluted	\$0.66	\$0.22	\$0.56
Non-IFRS Adjusted Gross Margin	6.6%	(0.6%)	Flat
Non-IFRS Adjusted SG&A	\$50.9	\$4.1	(\$3.9)
Non-IFRS Adjusted EBIAT	\$35.1	(\$24.6)	(\$9.6)
Non-IFRS Operating Margin	2.4%	(1.1%)	(0.6%)
Non-IFRS Adjusted Effective Tax Rate	27%	(6%)	(9%)
Non-IFRS Adjusted Net Earnings	\$15.8	(\$23.9)	(\$18.1)
Non-IFRS Adjusted EPS – diluted	\$0.12	(\$0.17)	(\$0.12)
Non-IFRS Adjusted ROIC	7.9%	(7.1%)	(6.5%)

<sup>&</sup>lt;sup>1</sup> Please refer to the Appendix for definitions of the non-IFRS measures set forth in the table below, and a reconciliation of such non-IFRS financial measures to the most directly comparable IFRS measures.

# Working Capital / Capex / Non-IFRS Free Cash Flow<sup>1</sup> / NCIB<sup>2</sup>

\$US		
5.0 inventory turns <sup>3</sup>	$\Rightarrow$	Inventory decreased \$12M from last quarter to \$1.1B
\$20M Capex	$\Rightarrow$	1.4% of revenue
\$145M Non-IFRS Free Cash Flow <sup>1</sup>	$\Rightarrow$	Increase resulted from higher cash generated from operating activities and proceeds from the Toronto property sale compared to Q1/18

## **Cash Cycle Days**

	1Q18⁴	4Q18⁴	1Q19
Days in A/R	62	62	71
Days in Inventory	57	61	74
Days in A/P	(62)	(65)	(70)
Days in Cash Deposits <sup>3</sup>	(2)	(2)	(6)
Cash Cycle Days	55	56	69

<sup>&</sup>lt;sup>1</sup> Please refer to the Appendix for a non-IFRS free cash flow reconciliation found on slide 19.

<sup>&</sup>lt;sup>2</sup> In December 2018, the Toronto Stock Exchange accepted our notice to launch a new normal course issuer bid (2018 NCIB) which allows us to repurchase approximately 9.5 million subordinate voting shares by December, 2019. Since the commencement of the program, we paid \$44.5 million (including transaction fees) to repurchase and cancel 5.1 million subordinate voting shares.

<sup>&</sup>lt;sup>3</sup> Not defined under IFRS.

<sup>&</sup>lt;sup>4</sup> Represents cash deposits made by certain customers to cover our risk of excess and/or obsolete inventory. As a result of the increased use of cash deposits to mitigate higher inventory, commencing in Q1 2019, we now deduct cash deposit days to derive cash cycle days, and have restated prior periods comparatives shown above to conform to the current presentation.

#### **Balance Sheet**

\$US	At March 31, 2019
Cash and cash equivalents	\$458M
Revolver	\$97M
Term Loans	\$597M

# **Net Cash: (\$236M)**

As of March 31, 2019, Celestica's non-IFRS debt leverage ratio was 2.4x. See the Appendix for a reconciliation of non-IFRS debt leverage ratio to the most directly comparable measure determined under IFRS.

Non-IFRS debt leverage ratio is defined as Gross debt divided by non-IFRS trailing twelve month (TTM) adjusted EBITDA (each defined below). Debt leverage ratio and TTM adjusted EBITDA are non-IFRS financial measures. Non-IFRS measures do not have any standardized meaning prescribed by IFRS and may not be comparable to similar measures presented by other public companies that use IFRS, or who report under U.S. GAAP and use non-GAAP measures to describe similar operating metrics.

Gross debt is defined as the total borrowings under applicable credit facilities, excluding ordinary course letters of credit (\$694M as of March 31, 2019).

Non-IFRS TTM adjusted EBITDA as of March 31, 2019 is defined as the sum of non-IFRS adjusted EBITDA for first quarter of 2019 and each of the previous three quarters. See the Appendix for details on how non-IFRS adjusted EBITDA is calculated, as well as a reconciliation of historical non-IFRS adjusted EBITDA to IFRS earnings before income taxes for each such period.

## Q2 2019 Outlook<sup>1</sup>

\$US	
Revenue	\$1.40B - \$1.50B
Non-IFRS Operating Margin	2.4% at the mid-point of revenue and non-IFRS adjusted EPS guidance ranges
Non-IFRS Adjusted EPS – diluted	\$0.09 - \$0.15
Non-IFRS Adjusted SG&A	\$53M - \$55M

## **2019 Tax Rate Estimate**

Non-IFRS Adjusted Annual Effective Tax Rate in mid-twenties percentage range<sup>2</sup>

# **Operating Margin Target**

Non-IFRS Operating Margin target range between 3.75% and 4.5% by the first half of 2020<sup>3</sup>

<sup>&</sup>lt;sup>1</sup> Guidance provided Thursday, April 25, 2019. Guidance is effective on the date provided and will only be updated through a public announcement.

We do not provide reconciliations for forward-looking non-IFRS financial measures as we are unable to provide a meaningful or accurate calculation or estimation of reconciling items and the information is not available without unreasonable effort.

<sup>&</sup>lt;sup>2</sup> Our 2019 non-IFRS Adjusted Annual Effective Tax Rate Estimate does not include the impact of taxable foreign exchange and one-time tax settlements.

<sup>&</sup>lt;sup>3</sup> The target range represents our objectives and goals and is not intended to be a projection or forecast of future performance.

## **Q2 2019 End Market Revenue Outlook**

	Year over Year Revenue % Change
ATS <sup>1</sup>	Increase low-single
Communications	Decrease high-teens
Enterprise <sup>2</sup>	Decrease >30%

<sup>&</sup>lt;sup>1</sup> ATS consists of Aerospace & Defense, Industrial, Smart Energy, Healthtech, and Capital Equipment.

<sup>&</sup>lt;sup>2</sup> Enterprise consists of Servers and Storage.





# **Appendix**



# Segment Income and Margin<sup>1</sup>

Revenue by segment:	Three months ended March 31					
		2018		2019		19
			% of total			% of total
ATS	. \$	532.8	36%	\$	578.2	40%
CCS		966.9	64%		854.9	60%
Total	. \$	1,499.7		\$	1,433.1	
Segment income, segment margin, and reconciliation of segment income to IFRS earnings before income taxes:		Th	ree months	endec	l March 31	
		2018		2019		
			Segment Margin			Segment Margin
ATS segment income and margin	\$	27.9	5.2%	\$	15.1	2.6%
CCS segment income and margin		16.8	1.7%		20.0	2.3%
Total segment income		44.7			35.1	
Reconciling items:						
Finance costs		3.3			13.6	
Employee stock-based compensation expense		10.4			11.8	
Amortization of intangible assets (excluding computer software)		1.1			6.4	
Net restructuring, impairment and other charges (recoveries)		10.5			(91.5)	

94.8

IFRS earnings before income taxes

<sup>&</sup>lt;sup>1</sup> Segment income is defined as a segment's net revenue less its cost of sales and its allocable portion of selling, general and administrative expenses and research and development expenses (collectively, Segment Costs). Identifiable Segment Costs are allocated directly to the applicable segment while other Segment Costs, including indirect costs and certain corporate charges, are allocated to our segments based on an analysis of the relative usage or benefit derived by each segment from such costs. Segment income excludes finance costs, amortization of intangible assets (excluding computer software), employee stock-based compensation expense, net restructuring, impairment and other charges (recoveries), and when applicable, recognized fair value adjustments for inventory acquired in connection with acquisitions. See note 10 to our Q1 2019 Interim Financial Statements for quantification of net restructuring, impairment and other charges.

## IFRS to non-IFRS Reconciliation

(in millions, except per share amounts and %)

		Т	hree months	ende	ed March	31
	2018				20	19
			% of revenue			% of revenue
IFRS revenue	\$	1,499.7		\$	1,433.1	
IFRS gross profit	\$	93.5	6.2%	\$	87.4	6.1%
Employee stock-based compensation expense	_	5.1		_	6.6	
Non-IFRS adjusted gross profit	\$	98.6	6.6%	\$	94.0	6.6%
IFRS SG&A	\$	52.3	3.5%	\$	56.1	3.9%
Employee stock-based compensation expense		(5.3)			(5.2)	
Non-IFRS adjusted SG&A	\$	47.0	3.1%	\$	50.9	3.6%
IFRS earnings before income taxes	\$	19.4	1.3%	\$	94.8	6.6%
Finance costs		3.3			13.6	
Employee stock-based compensation expense		10.4			11.8	
Amortization of intangible assets (excluding computer software)		1.1			6.4	
Net restructuring, impairment and other charges (recoveries) (1)		10.5			(91.5)	
Non-IFRS operating earnings (adjusted EBIAT) (1)	\$	44.7	3.0%	\$	35.1	2.4%

		Т	hree months	s ende	March :	31
		20	18		20	19
			% of revenue			% of revenue
IFRS net earnings	. \$	14.1	0.9%	\$	90.3	6.3%
Employee stock-based compensation expense		10.4			11.8	
Amortization of intangible assets (excluding computer software)		1.1			6.4	
Net restructuring, impairment and other charges (recoveries) (1)		10.5			(91.5)	
Adjustments for taxes (2)		(2.2)	_		(1.2)	_
Non-IFRS adjusted net earnings	\$	33.9	-	\$	15.8	
Diluted EPS						
Weighted average # of shares (in millions)		143.5			136.6	
IFRS earnings per share	. \$	0.10		\$	0.66	
Non-IFRS adjusted earnings per share	\$	0.24		\$	0.12	
# of shares outstanding at period end (in millions)		139.6			131.6	
IFRS cash provided by (used in) operations	. \$	(5.4)		\$	71.3	
Purchase of property, plant and equipment, net of sales proceeds		(13.7)			93.3	
Lease payments (3)		(11.8)			(9.3)	
Finance costs paid (excluding debt issuance costs paid) (3)		(3.2)	_		(10.6)	_
Non-IFRS free cash flow (3)	. \$	(34.1)	- -	\$	144.7	_
IFRS ROIC % <sup>(4)</sup>		6.3%	6		21.2%	6
Non-IFRS adjusted ROIC % (4)		14.4%	6		7.9%	6

Footnotes related to reconciliation on following slide

See Celestica First Quarter 2019 Financial Results Press Release for information on our rationale for the use of, and a discussion of these exclusions used to determine these non-IFRS measures.

- (1) Management uses non-IFRS operating earnings (adjusted EBIAT) as a measure to assess performance related to our core operations. Non-IFRS adjusted EBIAT is defined as earnings before income taxes, finance costs (defined below), amortization of intangible assets (excluding computer software) and in applicable periods, employee stock-based compensation expense, net restructuring and other charges (recoveries) (defined above), impairment charges (recoveries), and acquisition inventory fair value adjustments. Finance costs consist of interest expense and fees related to our credit facility (including debt issuance costs and the amortization thereof), our interest rate swap agreements, our accounts receivable sales program and a customer's supplier financing program, and, beginning Q1 2019, interest expense on our lease obligations under IFRS 16. See note 10 to our Q1 2019 Interim Financial Statements for separate quantification and discussion of impairment charges, if any, and the components of net restructuring and other charges (recoveries).
- (2) The adjustments for taxes, as applicable, represent the tax effects of our non-IFRS adjustments and non-core tax impacts (described below).

The following table sets forth a reconciliation of our IFRS tax expense and IFRS effective tax rate to our non-IFRS adjusted tax expense and our non-IFRS adjusted effective tax rate for the periods indicated, in each case determined by excluding the tax benefits or costs associated with the listed items (in millions, except percentages) from our IFRS tax expense for such periods:

			Three mo	nths (	ended	
			Mar	ch 31		
	- 2	2018	Effective tax rate	2	019	Effective tax rate
IFRS tax expense and IFRS effective tax rate	\$	5.3	27%	\$	4.5	5%
Tax costs (benefits) of the following items excluded from IFRS tax expense:						
Employee stock-based compensation expense		0.4			0.4	
Net restructuring, impairment and other charges		(0.1)			0.2	
Non-core tax impact related to acquisitions		_			0.6	
Non-core tax impacts related to restructured sites		1.9			_	
Non-IFRS adjusted tax expense and non-IFRS adjusted effective tax rate	\$	7.5	18%	\$	5.7	27%

Reconciliation table on previous slide

- Management uses non-IFRS free cash flow as a measure, in addition to IFRS cash provided by (used in) operations, to assess our operational cash flow performance. We believe non-IFRS free cash flow provides another level of transparency to our liquidity. Non-IFRS free cash flow is defined as cash provided by (used in) operations after the purchase of property, plant and equipment (net of proceeds from the sale of certain surplus equipment and property), lease payments (including \$8.3 million in Q1 2019 for lease payments under IFRS 16), and finance costs paid (excluding any debt issuance costs paid). As a measure of liquidity, and consistent with the inclusion of our Toronto relocation capital expenditures and transition costs in non-IFRS free cash flow in the periods incurred, we have included the \$113.0 million in proceeds from the sale of our Toronto real property in non-IFRS free cash flow in Q1 2019 (the period of receipt). See note 10(b) to the Q1 2019 Interim Financial Statements. Because we have recently arranged a new credit facility, and incurred debt issuance costs which we do not consider to be part of our core operating expenses in connection therewith (upon initial arrangement and in connection with subsequent security arrangements), we have modified our non-IFRS free cash flow calculation, commencing in Q1 2019, to exclude debt issuance costs paid from total finance costs paid. As no such costs were paid in Q1 2018, prior period comparatives will be restated, when applicable, to conform to the current presentation. In addition, commencing as of January 1, 2019, as a result of our adoption of IFRS 16 (Leases), we have also modified our non-IFRS free cash flow calculation to subtract lease payments under IFRS 16, as such payments were previously (but are no longer) reported in cash provided by (used in) operations. IFRS 16 did not require the restatement of prior period financial statements. Accordingly, and in order to preserve comparability with prior calculations, commencing in Q1 2019, such leas
- Management uses non-IFRS adjusted ROIC as a measure to assess the effectiveness of the invested capital we use to build products or provide services to our customers, by quantifying how well we generate earnings relative to the capital we have invested in our business. Non-IFRS adjusted ROIC is calculated by dividing non-IFRS adjusted EBIAT by average net invested capital. Net invested capital (calculated in the table below) is defined as total assets less: cash, ROU assets (described below), accounts payable, accrued and other current liabilities and provisions, and income taxes payable. We use a two-point average to calculate average net invested capital for the quarter. A comparable measure under IFRS would be determined by dividing IFRS earnings before income taxes by net invested capital (which we have set forth in the charts above and below), however, this measure (which we have called IFRS ROIC), is not a measure defined under IFRS. In connection with our adoption of IFRS 16 as of January 1, 2019, we now recognize ROU assets and related lease obligations on the applicable lease commencement dates. See note 2 to the Q1 2019 Interim Financial Statements for further detail. As IFRS 16 did not require the restatement of prior period financial statements, we have not restated prior period calculations of non-IFRS adjusted ROIC to account for ROU assets. Accordingly, and in order to preserve comparability with prior calculations, commencing in Q1 2019, we exclude the impact of our ROU assets from our calculation of net invested capital.

(in millions of US dollars, except per share amounts)

		1Q 2018	2Q 2018	3Q 2018	4Q 2018	1Q 2019
IFRS	Revenue	\$ 1,499.7	\$ 1,695.2	\$ 1,711.3	\$ 1,727.0	\$ 1,433.1
	Net earnings	14.1	16.1	8.6	60.1	90.3
	Earnings per share - diluted	\$ 0.10	\$ 0.11	\$ 0.06	\$ 0.44	\$ 0.66
	W.A. # of shares (in millions), on a diluted basis, used to dertermine IFRS earnings per share	143.5	140.7	140.3	138.0	136.6
	Actual # of shares o/s (in millions) as of period end	139.6	139.3	137.4	136.3	131.6
Non-IFRS adjusted net	IFRS Net earnings Employee stock-based compensation expense	\$ 14.1 10.4	\$ 16.1 7.2	\$ 8.6 7.4	\$ 60.1 8.4	\$ 90.3 11.8
earnings <sup>(1)</sup> and non-IFRS adjusted EPS	Amortization of intangible assets (excluding computer software) Other charges (recoveries) Atrenne fair value inventory adjustment	1.1 10.5	2.7 15.8 1.6	2.7 17.8	5.1 16.9	6.4 (91.5)
	Solar Charges Income tax effects of above and non-core tax impacts	- (2.2)	-	(0.5)		- - (1.2)
	Non-IFRS adjusted net earnings	\$ 33.9	<del> </del>			
	As a percentage of revenue	2.3%	2.4%	2.1%	2.3%	1.1%
	Non-IFRS adjusted earnings per share - diluted	\$ 0.24	\$ 0.29	\$ 0.26	\$ 0.29	\$ 0.12
Non-IFRS operating	IFRS earnings before income taxes Other charges (recoveries)	\$ 19.4 10.5	\$ 20.9 15.8	\$ 21.5 17.8	\$ 20.1 16.9	\$ 94.8 (91.5)
earnings (adjusted EBIAT) <sup>(2)</sup>	Finance costs, net of refund interest income	3.3	4.9	7.0	9.2	13.6
and non-IFRS adjusted	Employee stock-based compensation expense	10.4	7.2	7.4	8.4	11.8
EBITDA <sup>(2)</sup>	Atrenne fair value inventory adjustment	-	1.6	-	-	-
	Solar Charges		- 0.7		-	
	Amortization of intangible assets (excluding computer software)  Non-IFRS adjusted EBIAT	1.1 \$ 44.7	2.7 \$ 53.1	2.7 \$ 56.4	5.1 \$ 59.7	6.4 \$ 35.1
	As a percentage of revenue	3.0%	<u> </u>	3.3%	3.5%	2.4%
	Non-IFRS adjusted EBIAT	44.7	53.1	56.4	59.7	35.1
	Depreciation expense under IFRS16	-	-	-	-	7.9
	Depreciation expense (Property, plant, equipment and computer software)  Non-IFRS adjusted EBITDA	20.1 \$ 64.8	18.9 \$ 72.0	18.5 \$ 74.9	20.0 \$ 79.7	20.2 \$ 63.2
	As a percentage of revenue	\$ 64.8 4.3%	<del> </del>	\$ 74.9 4.4%	·	\$ 63.2 4.4%
	,			,		

F	Y 2017		FY 2018
\$	6,142.7	\$	6,633.2
	105.5		98.9
\$		\$	0.70
Ψ	0.73	Ψ	0.70
	145.2		140.6
	141.8		136.3
\$	105.5	\$	98.9
Ψ	30.1	Ψ	33.4
	5.5		11.6
	37.0		61.0
	-		1.6
	1.4		-
	(6.5)		(56.7
\$	173.0	\$	149.8
	2.8%		2.3%
\$	1.19	\$	1.07
\$	133.1	\$	81.9
	37.0		61.0
	10.1		24.4
	30.1		33.4
	-		1.6
	1.4		-
	5.5		11.6
\$	217.2	\$	213.9
	3.5%		3.2%
	217.2		213.9
	71.0		77.5
\$	288.2	\$	291.4
·	4.7%		4.4%

<sup>(1)</sup> Non-IFRS adjusted net earnings is defined as net earnings before, when applicable: employee stock-based compensation expense; amortization of intangible assets (excluding computer software); Other Charges (recoveries); the write-down of specified inventory and accounts receivable (Q2 2017) in connection with our exit from the solar panel manufacturing business (Solar Charges); the fair value adjustment of inventory acquired from Atrenne Integrated Solutions, Inc. (Atrenne) (Q2 2018); the income tax effect of the foregoing adjustments; and non-core tax impacts (tax adjustments related to acquisitions, and certain other tax costs or recoveries related to restructuring actions or restructured sites). Other Charges (recoveries) consist of restructuring charges (recoveries), impairment charges (recoveries), Toronto transition costs (recoveries), acquisition-related consulting, transaction and integration costs, the accelerated amortization of unamortized deferred financing costs in connection with amended credit facilities, and legal settlements (recoveries). See our quarterly earnings releases and MD+A for quantification of Other Charges (recoveries), tax adjustments and non-core tax impacts for each such period.

<sup>(2)</sup> See footnote 1 on slide 16. Non-IFRS adjusted EBITDA is defined as non-IFRS operating earnings before depreciation expense (under IFRS 16, and in relation to property, plant, equipment and computer software).

(in millions of US dollars, except per share amounts)

			1Q 2018		2Q 2018		3Q 2018		4Q 2018	1Q 2019
	IFRS earnings before income taxes	\$	19.4	\$	20.9	\$	21.5	\$	20.1	\$ 94.8
Non-IFRS adjusted ROIC (3)	Multiplier to annualize earnings		4		4		4		4	4
,	Annualized IFRS earnings before income taxes	\$	77.6	\$	83.6	\$	86.0	\$	80.4	\$ 379.2
	ANIC for the period	\$	1,241.3	\$			1,391.1		1,594.1	\$ 1,786.4
	IFRS ROIC %		6.3%	_	6.3%		6.2%		5.0%	21.2%
	Non-IFRS adjusted EBIAT	\$	44.7	\$	53.1	\$	56.4	\$	59.7	\$ 35.1
	Multiplier to annualize earnings		4		4		4		4	4
	Annualized non-IFRS adjusted EBIAT	\$	178.8	\$	212.4	\$	225.6	\$	238.8	\$ 140.4
	ANIC for the period	\$	1,241.3	\$	1,329.6	\$	1,391.1	\$	1,594.1	\$ 1,786.4
	Non-IFRS adjusted ROIC %		14.4%		16.0%		16.2%		15.0%	7.9%
	Net invested capital consists of:									
	Total assets	\$	2,976.0	\$	,	\$	3,316.1	\$	3,737.7	\$ 3,688.1
	Less: cash		435.7		401.4		457.7		422.0	457.8
	Less: ROU assets		-		-		-		-	115.8
	Less: accounts payable, accrued and other liabilities, provisions									
	and income tax payable	_	1,278.1	Ļ	1,413.8	_	1,473.3	_	1,512.6	1,344.8
	Net invested capital at period end	\$	1,262.2	\$	1,397.0	\$	1,385.1	\$	1,803.1	\$ 1,769.7
	IFRS cash provided by (used in) operations	\$	(5.4)	\$	(14.9)	\$	55.3	\$	(1.9)	\$ 71.3
Non-IFRS free cash flow (4)	Purchase of property, plant and equipment, net of sales proceeds		(13.7)		(25.1)		(20.9)		(18.8)	93.3
	Lease payments		(11.8)		(0.8)		(3.5)		(0.9)	(9.3)
	Repayments from former solar supplier		- ′		- 1		-		- ′	<u> </u>
	Finance costs paid (excluding debt issuance costs paid)		(3.2)	L	(4.8)		(6.3)		(8.8)	(10.6)
	Non-IFRS free cash flow	\$	(34.1)	\$	(45.6)	\$	24.6	\$	(30.4)	\$ 144.7

FY 2017	FY 2018
\$ 133.1	\$ 81.9
1	1
\$ 133.1	\$ 81.9
\$ 1,152.9	\$ 1,413.6
11.5%	5.8%
\$ 217.2	\$ 213.9
1	1
\$ 217.2	\$ 213.9
\$ 1,152.9	\$ 1,413.6
18.8%	15.1%
\$ 2,964.0	\$ 3,737.7
515.2 -	422.0
1,228.6	1,512.6
\$ 1,220.2	\$ 1,803.1
\$ 127.0	\$ 33.1
(101.8)	(78.5)
(6.5)	(17.0)
12.5	-
(10.2)	(23.1)
\$ 21.0	\$ (85.5)

<sup>(3)</sup> See footnote 4 on slide 17.

<sup>(4)</sup> See footnote 3 on slide 17.

## IFRS to non-IFRS Debt Leverage Ratio Reconciliation

(in millions of US dollars)

	4Q 2018	1Q 2019
Borrowings under the New Revolver*	\$ 159.0	\$ 97.0
Borrowings under the New Term Loans	598.3	596.8
Gross Debt	\$ 757.3	\$ 693.8

	1Q 2018	2Q 2	018	3	Q 2018	4Q 20	18	10	2019
IFRS earnings before income taxes	\$ 19.4	\$	20.9	\$	21.5	\$	20.1	\$	94.8
Other Charges (recoveries) (defined below)	10.5		15.8		17.8		16.9		(91.5)
Finance costs, net of refund interest income	3.3		4.9		7.0		9.2		13.6
Employee stock-based compensation expense	10.4		7.2		7.4		8.4		11.8
Atrenne fair value inventory adjustment	-		1.6		-		-		-
Amortization of intangible assets (excluding computer software)	1.1		2.7		2.7		5.1		6.4
Non-IFRS adjusted EBIAT	\$ 44.7	\$	53.1	\$	56.4	\$	59.7	\$	35.1
Depreciation expense under IFRS 16	-		-		-		-	\$	7.9
Depreciation expense (property, plant, equipment and computer software)	20.1		18.9		18.5		20.0		20.2
Non-IFRS adjusted EBITDA <sup>(1)</sup>	\$ 64.8	\$	72.0	\$	74.9	\$	79.7	\$	63.2

	4Q 2018	1Q 2019
TTM earnings before income taxes <sup>(2)</sup>	\$ 81.9	\$ 157.3
Non-IFRS TTM adjusted EBITDA <sup>(2)</sup>	291.4	289.8

	40	2018	10	2019
Gross Debt	\$	757.3	\$	693.8
TTM earnings before income taxes <sup>(2)</sup>		81.9		157.3
Gross debt to TTM earnings before income taxes		9.2x		4.4x

	4	1Q 2018	1Q 2019
Gross Debt	\$	757.3	\$ 693.8
Non-IFRS TTM adjusted EBITDA <sup>(2)</sup>		291.4	289.8
Gross debt to non-IFRS TTM adjusted EBITDA		2.6x	2.4x

<sup>\*</sup> Excluding ordinary course letters of credit.

<sup>(1)</sup> Non-IFRS adjusted EBITDA is defined as earnings before income taxes, finance costs (defined below), depreciation expense (under IFRS and in relation to PP+E and computer software), and in periods where such charges have been recorded, employee stock-based compensation expense, Other Charges (recoveries) (consisting of restructuring charges (recoveries), impairment charges (recoveries), acquisition-related consulting, transaction and integration costs, legal settlements (recoveries), Toronto transition costs (recoveries), and the accelerated amortization of unamortized deferred financing costs), and acquisition inventory fair value adjustments (Atrenne). Finance costs consist of interest expense and fees related to our credit facility (including both debt issuance costs and their amortization), our interest rate swap agreements, our accounts receivable sales program and a customer's supplier financing program, and, beginning in Q1 2019, interest expense on lease obligations under IFRS 16. See notes 4 and 10 to our Q1 2019 Interim Financial Statements for separate quantification and discussion of impairment charges, and the components of Other Charges (recoveries).

<sup>(2)</sup> TTM earnings before income taxes as of any quarter-end is defined as the sum of earnings before income taxes as of such quarter-end plus earnings before income taxes as of the end of each of the preceding three fiscals quarters. Non-IFRS TTM adjusted EBITDA as of any quarter-end is defined as the sum of non-IFRS adjusted EBITDA as of the end of each of the preceding three fiscal quarters.

