

For the year ended **December 31 2019**























Dear Fellow Shareholders,

2019 was a milestone year for your company. Each of our businesses delivered improved operating results, both top line and bottom line. I am proud that in 2019 we continued our transformation into a profitable and sustainable enterprise, building on our prior year improvements.

Our range of clean technology solutions, distributed to markets around the world and supporting our OEM customers and partners, is helping to reduce the environmental impact of transportation. And doing so economically, enabling our technologies to reach the scale that is needed in our industry. Since transportation is a necessity, not a luxury, and because global demand for energy is increasing due to the mega-trends of population growth and economic development, our cost-effective and market-ready technologies are leading the way to improve the sustainability of transportation right now. From personal transportation, to light commercial vehicles, to transit buses, to heavy freight haulers, Westport Fuel Systems has products that deliver air quality and emission reduction benefits and do so affordably.

Our products are developed, validated, in production, and commercially available for all segments of the on-road transportation market. These are not just trade show announcements, prototypes, or demonstrations but production solutions that are gaining market share around the world. It is this combination of environmental and economic attributes which continues to inspire us to deliver every day.

In China, the liquefied natural gas (LNG) truck market is already the largest in the world and about 80% of the LNG trucks sold globally are sold there. Recent projections state that heavy-duty LNG trucks could approach a 20% share of annual sales. Our joint venture partner, Weichai-Westport, is the leading natural gas engine supplier in China and poised to grow with the launch of Westport HPDI 2.0TM into the Chinese market.

In India, the growth of compressed natural gas (CNG) vehicle sales is being driven by a significant fuel price advantage, stringent emission regulations, proposed diesel bans, and the build-out of the CNG refuelling infrastructure. One of our customers, a leading OEM, expects natural gas vehicle sales to be greater than 30% of their future sales mix.

In Europe, the first ever CO2 standards for heavy-duty vehicles were enacted by Parliament in April 2019. Westport HPDI 2.0TM beats the 2025 requirement to reduce CO2 emissions by 15%, and, with renewable gas and/or other vehicle efficiency improvements, enables OEMs to meet the 2030 mandate of a 30% reduction.

The significant growth of renewable natural gas (RNG) in the transportation energy mix in California and Europe offers a proofpoint of the pathway for deep decarbonisation with gaseous fuels. The potential to get to net-zero carbon for trucking in Europe (and globally) using HPDI and RNG is available now. And it can be done at a competitive total cost of ownership compared to other technologies and with no compromise in performance, reliability, or durability.

We are in a great strategic position.

Over the course of the year, I have been able to work with the Westport Fuel Systems team in our offices and factories around the world. Our people and the products they engineer, design, and manufacture contribute clean transportation solutions and provide a valuable economic benefit to our customers. I am proud of our global team and their continued and sustained efforts to make the company a success.

On behalf of the management team and Westport Fuel Systems employees around the world, thank you for your continued support.

Sincerely,

David M. Johnson Chief Executive Officer



Information for Shareholders

DIRECTORS & EXE	CUTIVE OFFIC	ERS			
		Start	Con	mitt	ees
Name / position	Residence	date	AU	HR	NC
Jim Arthurs Executive Vice President	North Vancouver, British Columbia	May 2011			
Michele Buchignani Director	Vancouver, British Columbia	Mar 2018	X	x	
Brenda J. Eprile Chair & Director	North York, Ontario	Oct 2013	X		X
Massimiliano Fissore Senior Vice President	Cherasco, Italy	Jun 2016			
Dan Hancock Director	Indianapolis, Indiana, USA	Jul 2017		x	X
Anthony Harris Director	Alameda, California, USA	June 2016		x	X
David Johnson CEO and Director	Scottsdale, Arizona, USA	Jan 2019			
Colin Johnston Director	Turin, Italy	June 2016	X		X
Jim MacCallum Former Acting CFO	West Vancouver, British Columbia	Aug 2014			
Richard Orazietti CFO	Burnaby, British Columbia	Sep 2019			
Rodney T. Nunn Director	Chatham, Ontario	Mar 2016		X	
Bart van Aerle Vice President	Eindhoven, Netherlands	Dec 2014			
Peter M. Yu Director	New York City, New York, USA	Jan 2016			

Committees are as follows: AU = Audit; HR = Human Resources & Compensation; NC = Nominating & Corporate Governance

Corporate Information

STOCK LISTINGS	
NASDAQ	WPRT
Toronto Stock Exchange	WPRT

Legal Counsel

Bennett Jones LLP, Calgary, Alberta, Canada

Auditors

KPMG LLP, Independent Registered Public Accounting Firm, Vancouver, British Columbia, Canada

Annual General and Special Meeting of Shareholders

WHEN: Wednesday, April 29, 2020 at 10:00 AM (Pacific Time) WHERE: Suite 101, 1750 West 75th Avenue, Vancouver, BC

Westport Shareholder Services

Shareholders with questions about their account-including change of address, lost stock certificates, or receipt of multiple mailouts and other related inquiries-should contact our Transfer Agent and Registrar:

Computershare Trust Company of Canada

510 Burrard Street, 2nd Floor, Vancouver, BC, Canada V6C 3B9 T 604-661-9400 F 604-661-9401

Westport Fuel Systems on the Net

Topics featured can be found on our websites:

WESTPORT FUEL SYSTEMS wfsinc.com

TWITTERtwitter.com/westportdotcomCUMMINS WESTPORTcumminswestport.com

The information on these websites is not incorporated by reference into this Annual Report. Financial results, Annual Information Form, news, services, and other activities can also be found on the Westport Fuel Systems website, on SEDAR at sedar.com, or at the SEC at www.sec.gov.

Shareholders and other interested parties can also sign up to receive news updates in a variety of formats including email, Twitter, and RSS feeds: wfsinc.com/investors/subscriptions.

Contact Information

1750 West 75th Avenue, Suite 101 Vancouver, BC, Canada V6P 6G2 T 604-718-2000 F 604-718-2001 invest@wfsinc.com





BASIS OF PRESENTATION

This Management's Discussion and Analysis ("MD&A") for Westport Fuel Systems Inc. ("Westport Fuel Systems", the "Company", "we", "us", "our") is intended to assist readers in analyzing our financial results and should be read in conjunction with the audited consolidated financial statements, including the accompanying notes, for the fiscal year ended December 31, 2019 ("Annual Financial Statements"). Our consolidated financial statements have been prepared in accordance with generally accepted accounting principles in the United States ("U.S. GAAP"). The Company's reporting currency is the U.S. dollar. This MD&A is dated as of March 17, 2020.

Additional information relating to Westport Fuel Systems, including our Annual Information Form ("AIF") and Form 40-F, is available on SEDAR at www.sedar.com and on EDGAR at www.sec.gov. All financial information is reported in U.S. dollars unless otherwise noted.

FORWARD-LOOKING STATEMENTS

This MD&A contains forward-looking statements that are based on the beliefs of management and reflects our current expectations as contemplated under the safe harbor provisions of Section 21E of the United States Securities Act of 1934, as amended. Such forward-looking statements include but are not limited to statements regarding the orders or demand for our products, our investments, cash and capital requirements, the intentions of partners and potential customers, the performance of our products, our future market opportunities, availability of funding and funding requirements, our estimates and assumptions used in our accounting policies, our accruals, including warranty accruals, our financial condition, timing of when we will adopt or meet certain accounting and regulatory standards and the alignment of our business segments. These forward-looking statements are neither promises nor guarantees but involve known and unknown risks and uncertainties that may cause our actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed in or implied by these forward looking statements. These risks include risks related to revenue growth, operating results, liquidity, industry and products, general economy, conditions of the capital and debt markets, government or accounting policies and regulations, regulatory investigations, climate change legislation or regulations, technology innovations, as well as other factors discussed below and elsewhere in this report, including the risk factors contained in the Company's most recent AIF filed on SEDAR at www.sedar.com. The forward-looking statements contained in this MD&A are based upon a number of material factors and assumptions which include, without limitation, market acceptance of our products, product development delays in contractual commitments, the ability to attract and retain business partners, competition from other technologies, price differential between compressed natural gas, liquefied natural gas and liquefied petroleum gas relative to petroleum-based fuels, unforeseen claims, exposure to factors beyond our control as well as the additional factors referenced in our AIF. Readers should not place undue reliance on any such forward-looking statements, which speak only as of the date they were made. We disclaim any obligation to publicly update or revise such statements to reflect any change in our expectations or in events, conditions or circumstances on which any such statements may be based or that may affect the likelihood that actual results will differ from those set forth in the forward-looking statements except as required by applicable legislation.



The forward-looking statements contained in this document speak only as of the date of this MD&A. Except as required by applicable legislation, Westport Fuel Systems does not undertake any obligation to release publicly any revisions to these forward-looking statements to reflect events or circumstances after this MD&A, including the occurrence of unanticipated events. The forward-looking statements contained in this MD&A are expressly qualified by this cautionary statement.

BUSINESS OVERVIEW AND GENERAL DEVELOPMENTS

Westport Fuel Systems is focused on engineering, manufacturing, and supply of alternative fuel systems and components for transportation applications. Our diverse product offering sold under a wide range of established brands enables the deployment of a range of alternative fuels offering environmental and economic advantages, including liquid petroleum gas ("LPG"), compressed natural gas ("CNG"), liquid natural gas ("LNG"), renewable natural gas ("RNG"), and hydrogen (together known as "gaseous fuels"). We supply our products and services through a network of distributors and to original equipment manufacturers ("OEMs") and we provide delayed OEM ("DOEM") services. In total, we have customers in more than 70 countries. Today, our products and services are available for passenger car, light, medium and heavy-duty truck, cryogenic, and hydrogen applications.

Westport Fuel Systems is well positioned to increase revenues and market share as new stringent environmental regulations mandating greenhouse gas emission reductions have been introduced in key markets around the world. We are leveraging our market-ready products and customer base to capitalize on these opportunities. In addition to our operational competency in well-established transportation markets, our development of new technologies provides us a technology leadership position in gaseous fuel systems and components which is expected to drive future growth. Westport Fuel Systems has a track record of innovation, specialized engineering capabilities, and a deep patent portfolio resulting in a strong intellectual property position.

The majority of our revenues are generated through the following businesses:

- Independent aftermarket ("IAM"): We sell systems and components across a wide range of brands primarily through
 a global network of distributors, that consumers can purchase and have installed onto their vehicles to use LPG or CNG
 fuels in addition to gasoline and diesel.
- **DOEM**: We directly or indirectly convert new passenger cars for OEMs or importers, to address local market needs when a global LPG or CNG bi-fuel vehicle platform is not available directly from the OEM.
- **Light-duty OEM**: We sell systems and components to OEMs that are used to manufacture new, direct off the assembly line LPG or CNG-fueled vehicles.
- **Heavy-duty OEM**: We sell systems and components, including High Pressure Direct Injection ("Westport HPDI 2.0[™] or "HPDI") products, to engine OEMs and commercial vehicle OEMs. Our fully integrated Westport HPDI 2.0[™] system powered primarily by natural gas matches the power, torque, and fuel economy benefits found in traditional compression ignition engines using only diesel fuel resulting in reduced greenhouse gas emissions, and the capability to cost-effectively run on renewable fuels.

Although our IAM, DOEM and Light-duty OEM businesses are growing, profitable businesses, our HPDI business is in the early stages of commercial development (sales to our European OEM launch partner began in 2018), and, as a result, is currently generating losses. Meaningful increases in sales volumes are required for the HPDI business to benefit from economies of scale to become profitable. We anticipate growth in sales volumes through sales to our initial launch partner, our supply arrangement with Weichai Westport Inc. ("WWI"), and additional OEMs entering into supply agreements for our HPDI technology. WWI's HPDI engine is currently being certified to meet China VI emissions standards and is expected to be launched in the first half of 2020. WWI has committed to purchase Westport HPDI 2.0TM components required to produce a minimum of 18,000 engines between the launch date and the end of 2023.

Gross margin and gross margin percentage from our HPDI product will vary based on production and sales volumes, levels of development work, successful implementation of material cost reduction initiatives and foreign exchange. Margin pressure is expected to continue through much of 2020 as launch costs and volume-related price discounts are only partially offset by material cost reductions.

Westport Fuel Systems generates income from Cummins Westport Inc. ("CWI") by selling spark-ignited natural gas engines. Refer to the "Operating Segments" section in this MD&A for more detail.



Overview of Financial Results for 2019

Revenues for the year ended December 31, 2019 increased by 13% to \$305.3 million from \$270.3 million in 2018, resulting from strength across our transportation businesses, but primarily as a result of increased HPDI revenue in 2019. Strong sales during the year were offset by a 5% decline in the foreign exchange rate of the Euro to U.S. dollar as compared to the same period in 2018 since the majority of our sales are denominated in Euros. Westport Fuel Systems recorded net income from continuing operations of \$0.2 million for the year ended December 31, 2019 compared to a net loss from continuing operations of \$40.8 million for the year ended December 31, 2018. The significant improvement in net income from continuing operations of \$41.0 million was a result of across the board improvements in our operations, combining higher revenues, lower costs and improved earnings from CWI.

Westport Fuel Systems continued its trend of meaningful earnings improvement during 2019. For the year ended December 31, 2019 we generated \$28.4 million Adjusted Earnings Before Interest, Taxes, Depreciation and Amortization ("Adjusted EBITDA") as compared to \$9.6 million for the year ended December 31, 2018. The factors noted above were key contributors to the improvement in Adjusted EBITDA. See "Non-GAAP Measures" section in this MD&A.

Settlement with the Securities Exchange and Commission

During the third quarter of 2019, we announced that we had reached a settlement with the SEC resolving the SEC's investigation into our compliance with the U.S. Foreign Corrupt Practices Act ("FCPA") in connection with prior years operations in China. Under the terms of the settlement, without admitting or denying any violation of the FCPA or related regulations, we agreed to pay to the SEC a total amount of \$4.0 million (comprising a civil penalty of \$1.5 million, a disgorgement amount of \$2.3 million and prejudgment interest of \$0.2 million), which amount, together with related legal fees, was in line with the estimated costs to complete and resolve the investigation that were accrued in the quarter ended June 30, 2019. In connection with the SEC settlement we also agreed to a two-year period of self-reporting requirements regarding FCPA compliance activities.

See the "Regulatory Compliance" section in this MD&A for additional details.

LIQUIDITY AND GOING CONCERN

In connection with preparing consolidated financial statements for each annual and interim reporting period we are required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about our ability to continue as a going concern within one year after the date that the consolidated financial statements are issued. Substantial doubt exists when conditions and events, considered in the aggregate, indicate that it is probable that we will be unable to meet our obligations as they become due within one year after the date that the consolidated financial statements are issued. This evaluation initially does not take into consideration the potential mitigating effect of management's plans that have not been fully implemented as of the date that the consolidated financial statements are issued. When substantial doubt exists, management evaluates whether the mitigating effect of its plans sufficiently alleviates substantial doubt about our ability to continue as a going concern. The mitigating effect of management's plans, however, is only considered if both (1) it is probable that the plans will be effectively implemented within one year after the date that the consolidated financial statements are issued, and (2) it is probable that the plans, when implemented, will mitigate the relevant conditions or events that raise substantial doubt about the entity's ability to continue as a going concern within one year after the date that the consolidated financial statements are issued. Generally, to be considered probable of being effectively implemented, the plans must have been approved before the date that the consolidated financial statements are issued.

Management's evaluation has concluded that there are no known or currently foreseeable conditions or events that raise substantial doubt about our ability to continue as a going concern within one year after the date the Annual Financial Statements were issued. Our Annual Financial Statements have therefore been prepared on the basis that we will continue as a going concern.

At December 31, 2019, our net working capital was \$53.6 million (2018 - \$64.4 million) including cash and cash equivalents (including restricted cash) of \$46.0 million (2018 - \$61.1 million), and our long-term debt, including the royalty payable, was \$67.2 million, of which \$19.5 million matures in 2020. We generated net income from continuing operations of \$0.2 million (2018 - loss of \$40.8 million) and cash flows used in continuing operating activities was \$15.7 million for the year ended December 31, 2019 (2018 - cash used in continuing operating activities of \$27.4 million). We have an accumulated deficit of \$998.3 million (2018 - accumulated deficit of \$998.4 million).



We continue to work towards our goal of increasing profitability while growing our businesses, which can be seen in our improved results from operations and operating cash flows in 2018 and 2019. The resolution of the SEC investigation in September 2019 has assisted us in improving our operating results going forward by redirecting management's attention to strategic and operational matters, and by significantly reducing legal and advisory costs incurred in relation to the investigation.

As part of its on-going monitoring of financial condition, management is closely evaluating the Company's future debt service requirements, in particular, its \$17.5 million convertible debt which matures on June 1, 2021. This debt is convertible into common shares at the option of the holder at a conversion price of \$2.17 per common share. Below this price, we would have to repay the principal amount in cash. See note 14 of the Annual Financial Statements for additional details of debt service requirements and the convertible debt.

Management is also evaluating foreseeable future cash flows from the CWI joint venture as the joint venture term is scheduled to end on December 31, 2021. The joint venture pays significant dividends to the joint venture partners, with Westport receiving \$25.0 million as dividends in 2019 (2018 - \$23.2 million). As per the joint venture agreement, both Cummins and the Company have equal rights to the joint venture's intellectual property. However, there is no certainty that we will be able to monetize the intellectual property to the level of the current dividends received from the joint venture. See note 8 in our Annual Financial Statements for additional details related to the CWI joint venture.

Management is closely evaluating the impact of COVID-19 on our business. We have significant operations in Italy where there has been a large number of cases. We also source components from China. At this time, we do not see a material impact to our business, however, the situation is evolving and could become material if the supply chain disruption is prolonged or end customer demand declines.

Management believes that the cash on hand at December 31, 2019 and, our continued improvements in operational performance will provide the cash flow necessary to fund operations over the next year to March, 2021. The ability to continue as a going concern beyond March, 2021 will be dependent on our ability to generate sufficient positive cash flows from operations, successful conversion of or refinancing of our convertible debt, effective management of the CWI joint venture transition and our ability to finance long term strategic objectives and operations (specifically the growth of our HPDI business). If, as a result of future events, we were to determine that we were no longer able to continue as a going concern, significant adjustments would be required to the carrying value of our assets and liabilities in the accompanying consolidated financial statements and the adjustments could be material.

OPERATING SEGMENTS

We manage and report the results of our business through three segments: Transportation, the CWI Joint Venture, and Corporate. This reflects the manner in which operating decisions and assessing business performance is currently managed by the Chief Operating Decision Maker ("CODM").

The financial information for our business segments evaluated by the CODM includes the results of CWI as if they were consolidated, which is consistent with the way we manage our business segments. As CWI is accounted for under the equity method of accounting, an adjustment is made to reconcile the segment measures to our consolidated matters.

Transportation Business Segment

Our Transportation group includes the IAM, DOEM, Light-duty OEM and Heavy-duty OEM business. Refer to the "Business Overview and General Developments" section in this MD&A for more detail.

CWI Joint Venture

CWI serves the medium- and heavy-duty on-highway engine markets. CWI engines are offered by many OEMs for use in transit, school and shuttle buses, conventional trucks and tractors, and refuse collection trucks, as well as specialty vehicles such as shorthaul port drayage trucks and street sweepers. CWI is the leading supplier of natural gas engines to the North American medium and heavy-duty truck and transit bus industries.

All CWI natural gas engines are dedicated 100% natural gas engines. The fuel for CWI engines can be carried in tanks on the vehicle as CNG or LNG. All engines are also capable of operating on RNG.



CWI is a Delaware corporation owned 50% by Westport Power Inc., a wholly-owned subsidiary of Westport Fuel Systems, and 50% by Cummins. The board of directors of CWI is comprised of three representatives from each of Westport Fuel Systems and Cummins. On February 19, 2012, Westport Fuel Systems, Cummins and CWI entered into a Second Amended and Restated Joint Venture Agreement governing the operations of CWI which amended the focus of CWI's future product development investments to North American markets, including engines for on-road applications between the displacement range of 5.9 litres through 12 litres, and to have these engines manufactured in Cummins' North American plants.

The purpose of the CWI joint venture is to engage in the business of developing, marketing and selling spark-ignited natural gas or propane engines for on-highway use. CWI utilizes Cummins' supply chain, back office systems and distribution and sales networks. The CWI joint venture term is scheduled to end on December 31, 2021 and, as per the joint venture agreement, effective from July 1, 2019, either Cummins or the Company can buy out the other's interest based on contractually defined terms and conditions.

Corporate Business Segment

The Corporate business segment is responsible for public company activities, corporate oversight and general administrative duties, such as securing our intellectual property.



SELECTED FINANCIAL INFORMATION

The following tables sets forth a summary of our financial results:

Selected Consolidated Statements of Operations Data

		Years end	ed December 31,
	2019	2018	2017
(expressed in millions of United States dollars, except for per share am	ounts and shares ou	tstanding)	
Revenue	\$ 305.3	\$ 270.3	\$ 229.8
Gross margin	68.2	64.2	60.3
GM %	22.3%	23.8%	26.2%
Net income (loss) from continuing operations	0.2	(40.8)	(62.9)
Net income (loss) from discontinued operations	(0.1)	9.3	52.9
Net income (loss) for the year	0.0	(31.5)	(10.0)
Net income (loss) per share from continuing operations - basic and diluted	0.00	(0.31)	(0.52)
Weighted average basic and diluted shares outstanding	134,224,799	132,371,396	119,558,566

	Three Me	onths Ended December 31,
	2019	2018
(expressed in millions of United States dollars, except for per share an	nounts and shares outstandin	ng)
Revenue	\$ 74.3	\$ 60.5
Gross margin	13.8	12.2
GM %	18.6%	20.2%
Net income (loss) from continuing operations	0.7	(10.4)
Net income from discontinued operations	0.0	1.2
Net income (loss) for the period	0.7	(9.2)
Net income (loss) per share from continuing operations - basic and diluted	_	(0.08)
Weighted average basic and diluted shares outstanding	136,081,959	133,093,452

Selected Balance Sheet Data

The following table sets forth a summary of our financial position:

	Decemb	December 31, 2019				
(expressed in millions of United States dollars)						
Cash and cash equivalents (including restricted cash)	\$	46.0	\$	61.1		
Total assets		279.9		269.9		
Debt, including current portion		48.9		55.3		
Royalty payable, including current portion		18.2		20.9		
Total liabilities		190.6		179.3		
Shareholder's equity		89.4		90.7		



RESULTS FROM OPERATIONS

Revenue 2019/2018

Transportation revenue for the three months ended December 31, 2019 increased by \$13.8 million, or 23%, from \$60.5 million for the three months ended December 31, 2018 to \$74.3 million for the three months ended December 31, 2019, despite a 3% decrease in Euro to U.S. dollar exchange rate. Revenue from the IAM business (including DOEM) increased by \$8.3 million mainly due to stronger demand for our aftermarket and DOEM products. Revenue from the OEM business (which includes light-duty and heavy-duty) increased by \$5.5 million during the three months ended December 31, 2019 compared with the same period in 2018 mainly driven by higher HPDI 2.0TM product sales.

For the year ended December 31, 2019, revenue increased by \$35.0 million, or 13%, from \$270.3 million for the year ended December 31, 2018 to \$305.3 million for the year ended December 31, 2019. The increase in revenue was driven mainly by the year-over-year growth in our OEM business of \$29.2 million, primarily from higher HPDI 2.0TM sales, which included \$7.5 million in service revenue recognized during 2019 from development work from OEMs. Revenue from our IAM business increase by \$5.8 million due to strong demand for its aftermarket and DOEM products, despite a 5% decrease in the Euro to U.S. dollar exchange rate in 2019 compared to 2018.

(expressed in millions of U.S. dollars)

		Three m	 s ended aber 31,	Change				ears cem	Cha	nge	
		2019	2018	\$	%		2019		2018	\$	%
Transportation (consolidated)	\$ 74.3	\$ 60.5	\$ 13.8	23%	\$	305.3	\$	270.3	\$ 35.0	13%

Revenues 2018/2017

Total consolidated revenues increased by \$40.5 million, or 18% from \$229.8 million in 2017 to \$270.3 million in 2018.

Transportation revenue for the year ended December 31, 2018 was \$270.3 million compared to \$229.8 million for the year ended December 31, 2017. The increase in revenue was primarily due to strong demand for our aftermarket products, strength in our light- and medium-duty OEM business and sales from our newly released Westport HPDI 2.0TM product. In addition, the Euro strengthened versus U.S. dollar approximately 5% during 2018 which resulted in an increase in U.S. dollar dominated revenues.

	Years en	ded De	ecember 31,	Cha	nge	
	2018		2017	\$	%	
Transportation (consolidated)	\$ 270.3	\$	229.8	\$ 40.5	18%	



Gross Margin 2019/2018

Transportation gross margin increased by \$1.5 million, or 12% to \$13.8 million for the three months ended December 31, 2019 compared to \$12.3 million for the three months ended December 31, 2018 primarily due to higher revenue during the current quarter. The decline in the gross margin percentage was caused by volume-related pricing discounts on our HPDI 2.0 TM product.

(expressed in millions of U.S. dollars)

	Thre	e months ended		Thre	e months ended			
	Dece	mber 31,	% of	Dec	ember 31,	% of	Cha	nge
		2019	Revenue		2018	Revenue	\$	%
Transportation (consolidated)	\$	13.8	18.6%	\$	12.3	20.3%	\$ 1.5	12%

Transportation gross margin increased by \$4.0 million, or 6% to \$68.2 million, for the year ended December 31, 2019, compared to \$64.2 million for the year ended December 31, 2018 primarily driven by higher revenue. The gross margin percentage decreased from 23.8% for the year ended December 31, 2018 to 22.3% for the year ended December 31, 2019 mainly due to product mix. Margin pressure is expected to continue through much of 2020 as launch costs and volume related price discounts related on HPDI components are only partially offset by material cost reductions.

(expressed in millions of U.S. dollars)

	Ye	ear ended		Ye	ar ended			
	Dece	mber 31,	% of	Dece	mber 31,	% of	Cha	nge
		2019	Revenue		2018	Revenue	\$	%
Transportation (consolidated)	\$	68.2	22.3%	\$	64.2	23.8%	\$ 4.0	6%

Gross Margin 2018/2017

Total consolidated gross margin increased by \$3.9 million or 6% from \$60.3 million in 2017 to \$64.2 million in 2018.

Transportation gross margin increased by \$3.9 million to \$64.2 million, for the year ended December 31, 2018, compared to \$60.3 million for the year ended December 31, 2017. The increase in gross margin is due to higher sales from our aftermarket and light- and medium-duty OEM, and DOEM businesses. Gross margin percentage decreased from 26.2% for the year ended December 31, 2017 to 23.8% for the year ended December 31, 2018 mainly because of low unit sales of the Westport HPDI 2.0™ business and lower service revenue.

	Yea	r Ended		Yea	r Ended			
	Dece	mber 31,	% of	Decei	mber 31,	% of	Cha	nge
		2018	Revenue		2017	Revenue	\$	%
Transportation (consolidated)	\$	64.2	23.8%	\$	60.3	26.2%	\$ 3.9	6 %



R&D Expenses 2019/2018

Transportation R&D expenses for the three months and year ended December 31, 2019 were \$6.0 million and \$24.8 million, respectively, compared with \$6.6 million and \$29.6 million for the three months and year ended December 31, 2018. The decrease of \$0.6 million and \$4.8 million during the three months and year ended December 31, 2019 was due to customer funded development programs resulting in a portion of R&D expenses being reclassified to cost of revenue, reduction in headcount as the Company launched its Westport HPDI 2.0TM product and lower Euro and Canadian average exchange rates as compared to the U.S. dollar in 2019 compared to 2018.

Corporate R&D expenses for the year ended December 31, 2019 were \$0.4 million compared with \$1.0 million for the year ended December 31, 2018. Corporate R&D expenses relate to costs associated with protecting the Company's intellectual property; in particular, the costs associated with patenting our innovations and registering our trademarks and maintaining our patent and trademark portfolios.

(expressed in millions of U.S. dollars)

	Tl	Three months ended December 31,			Cha	nge		ear:	Change		
		2019		2018	\$	%	2019		2018	\$	%
Transportation	\$	6.0	\$	6.6	\$ (0.6)	(9)%	\$ 24.8	\$	29.6	\$ (4.8)	(16)%
Corporate		(0.1)		0.2	(0.3)	(150)%	0.4		1.0	(0.6)	(60)%
Total R&D	\$	5.9	\$	6.8	\$ (0.9)	(13)%	\$ 25.2	\$	30.6	\$ (5.4)	(18)%

R&D Expenses 2018/2017

Transportation R&D expenses for the year ended December 31, 2018 were \$29.6 million compared with \$48.4 million for the year ended December 31, 2017. For the year ended December 31, 2017, the decrease of \$18.8 million during the year ended December 31, 2018 was due to the completion of various R&D programs as the Company launched its Westport HPDI 2.0TM product in the fourth quarter of 2017.

Corporate R&D expenses for the year ended December 31, 2018 were \$1.0 million compared to \$1.7 million for the year ended December 31, 2017. Corporate R&D expenses relate to costs associated with protecting the Company's intellectual property; in particular, the costs associated with patenting our innovations and registering our trademarks, and maintaining our patent and trademark portfolios.

	Years end	ed D	ecember 31,	Cha	inge
	2018		2017	\$	%
Transportation	\$ 29.6	\$	48.4	\$ (18.8)	(39)%
Corporate	1.0		1.7	(0.7)	(41)%
Total R&D	\$ 30.6	\$	50.1	\$ (19.5)	(39)%



Sales and Marketing, General and Administrative Expenses 2019/2018

Transportation SG&A expenses for the three months and year ended December 31, 2019 were \$10.1 million and \$36.6 million compared to \$9.3 million and \$36.8 million for the three months and year ended December 31, 2018, respectively. The increase of \$0.8 million for the three months ended December 31, 2019 is mainly due to higher compensation costs. The decreased SG&A expenses for 2019 compared to 2018 were mainly due to lower Euro and Canadian dollar average exchange rates which was partially offset by higher compensation costs during 2019.

Corporate SG&A expenses for the three months and year ended December 31, 2019 were \$3.8 million and \$21.1 million compared to \$6.9 million and \$30.2 million for the three months and year ended December 31, 2018, respectively. The decrease of \$3.1 million for the three months ended December 31, 2019 compared to 2018 is mainly due to a decrease of \$3.1 million in legal costs related to the SEC investigation. The decrease of \$9.1 million for the year ended December 31, 2019 is mainly due to a \$3.7 million reduction in costs related to the SEC investigation, lower professional fees and lower compensation costs.

(expressed in millions of U.S. dollars)

	T	Three months ended December 31,			Change			Years ended December 31,				Change		
		2019		2018		\$	%		2019		2018	\$	%	
Transportation	\$	10.1	\$	9.3	\$	0.8	9 %	\$	36.6	\$	36.8	\$ (0.2)	(1)%	
Corporate		3.8		6.9		(3.1)	(45)%		21.1		30.2	(9.1)	(30)%	
Total SG&A	\$	13.9	\$	16.2	\$	(2.3)	(14)%	\$	57.7	\$	67.0	\$ (9.3)	(14)%	

SG&A Expenses 2018/2017

Transportation SG&A expenses for the year ended December 31, 2018 were \$36.8 million compared to \$43.4 million for the year ended December 31, 2017. SG&A expenses decreased mainly due to restructuring activities that took place during 2017 that resulted in lower SG&A expenses in 2018.

Corporate SG&A expenses for the year ended December 31, 2018 were \$30.2 million compared with \$19.8 million for the year ended December 31, 2017. The increase is largely due to legal costs related to the ongoing SEC investigation of \$10.0 million incurred during the year ended December 31, 2018, net of expected insurance recoveries, compared to 1.8 million for the year ended December 31, 2017.

	Years end	ed Dec	ember 31,	Change		
	2018		2017	\$	%	
Transportation	\$ 36.8	\$	43.4	\$ (6.6)	(15)%	
Corporate	30.2		19.8	10.4	53 %	
Total SG&A	\$ 67.0	\$	63.2	\$ 3.8	6.0 %	



Selected CWI Statements of Operations Data

We account for CWI using the equity method of accounting. However, due to its significance to our operating results, we disclose CWI's assets, liabilities and income statement in notes 8(a) and 21 of our consolidated Annual Financial Statements and discuss revenue and gross margins in this MD&A. The following tables sets forth a summary of the financial results of CWI for the years ended 2019, 2018 and 2017, and three months ended December 31, 2019 and 2018:

		Years ended De	ed December 31,		
	2019	2018	2017		
(expressed in millions of United States dollars)	 				
Total revenue	\$ 361.8 \$	319.4 \$	317.3		
Gross margin	104.1	91.0	109.5		
GM%	28.8%	28.5%	34.5%		
Net income before income taxes	70.8	57.4	58.3		
Net income	53.2	45.4	25.0		
Net income attributable to the Company (1)	26.6	22.7	12.5		

(1) The \$3.9 million increase in our share of CWI income for the year ended December 31, 2019 compared to the year ended December 31, 2018 is mainly due to higher 2019 revenue. Our share of CWI income increased in 2018 compared to 2017 due to lower U.S. taxation. As a result of the U.S. tax reform substantially enacted in the fourth quarter of 2017, CWI recorded a deferred tax expense of \$13.4 million in 2017 which reduced income from investments by \$6.7 million.

	Three m	onths ended	l December 31,
	 2019		2018
(expressed in millions of United States dollars)	 		_
Total revenue	\$ 102.5	\$	94.1
Gross margin	28.3		21.0
GM%	27.6%		22.3%
Net income before income taxes	20.6		12.4
Net income	13.5		11.4
Net income attributable to the Company	6.7		5.7

CWI Revenue 2019/2018

CWI revenue for the three months and year ended December 31, 2019 was \$102.5 million and \$361.8 million, respectively, compared with \$94.1 million and \$319.4 million for the three months and year ended December 31, 2018. Unit sales for the three months and year ended December 31, 2019 were 2,407 and 7,883 compared to 2,362 and 7,393 for the comparative prior year periods. The increase in unit sales in the year ended December 31, 2019 is due to a low comparator in 2018 as there were pre-buy activities that occurred in 2017 in advance of the 2018 on-board diagnostic compliant engines.

Within total CWI revenue, parts revenue for the three months and year ended December 31, 2019 was \$27.8 million and \$115.3 million, respectively, compared to \$24.3 million and \$92.0 million for the three months and year ended December 31, 2018, respectively, which is mainly due to the cumulative increase in the natural gas engine population in service.

		onths ended ecember 31,	Change				Years ecem	Change			
	2019	2018	\$	%		2019		2018		\$	%
CWI	\$ 102.5	\$ 94.1	\$ 8.4	9%	\$	361.8	\$	319.4	\$	42.4	13%

CWI Revenue 2018/2017

CWI revenue for the year ended December 31, 2018 was \$319.4 million compared with \$317.3 million for the year ended December 31, 2017. Unit sales for the year ended December 31, 2018 were 7,393 compared to 7,955 for the year ended December 31, 2017.



The decrease in unit sales in the year ended December 31, 2018 is mainly due to certain pre-buy activities in the fourth quarter of 2017 in advance of the 2018 on-board diagnostic compliant engines.

Within total CWI revenue, parts revenue for the year ended December 31, 2018 was \$92.0 million compared to \$82.1 million for the year ended December 31, 2017. The increase in parts revenue is mainly due to the cumulative increase in the natural gas engine population in service, which offsets the decrease in units sold during the year ended December 31, 2018 compared to the prior year.

	Years ended De	ecember 31,	Ch	ange
	2018	2017	\$	%
CWI	\$ 319.4 \$	317.3	\$ 2.1	1%

CWI Gross Margin 2019/2018

CWI gross margin increased by \$7.3 million to \$28.3 million (gross margin percentage of 27.6%) for the three months ended December 31, 2019 compared to \$21.0 million (gross margin percentage of 22.3%) for the three months ended December 31, 2018. The increase in gross margin during the three months ended December 31, 2019 is due to higher revenues and lower warranty expense in the current year quarter. The increase in gross margin percentage is primarily due to lower warranty expense in the current year quarter.

	Three m	ended	% of	Three months ended December 31,		Cha	nge
		2019	Revenue	2018	Revenue	\$	%
CWI	\$	28.3	27.6%	\$ 21.0	22.3%	\$ 7.3	35%

CWI gross margin increased by \$13.1 million to \$104.1 million (gross margin percentage of 28.8%) from \$91.0 million (gross margin percentage of 28.5%) in the prior year. The increase in gross margin and gross margin percentage in 2019 is due to higher revenues.

	Year ended		Year ended			
	December 31,	% of	December 31,	% of	(Change
	2019	Revenue	2018	Revenue	\$	%
CWI	\$ 104.1	28.8%	\$ 91.0	28.5%	\$ 13	.1 14%

CWI Gross Margin 2018/2017

CWI gross margin decreased by \$18.5 million to \$91.0 million, or 28.5% of revenue from \$109.5 million or 34.5% of revenue in 2017. The decrease in gross margin and gross margin percentage in 2018 is due to product mix and higher warranty adjustments.

There was a negative warranty adjustment of \$1.1 million for the year ended December 31, 2018 compared to a positive warranty adjustment of \$9.9 million for the year ended December 31, 2017. Excluding the warranty adjustments, the gross margin percentage in 2018 would have been consistent with 2017.

	Yea	r Ended		Year End	ed		
	Decei	nber 31,	% of	Decemb	er % of	% of Ch	
		2018	Revenue		17 Revenue	\$	%
CWI	\$	91.0	28.5%	\$ 109	9.5 34.5%	\$ (18.5	(17)%



Other significant expense and income items for 2019, 2018 and 2017

Restructuring expenses recognized for the year ended December 31, 2019 were \$0.8 million compared to \$0.8 million for the year ended December 31, 2018, both relating to reductions in workforce to optimize cost structure. For the year ended December 31, 2017, a recovery of \$4.1 million was recognized due to a change in estimate relating to the termination of a lease commitment in Vancouver, Canada. This recovery was fully offset by termination and other exit costs recorded for the year ended December 31, 2017 of \$5.8 million, due to reductions in workforce in Canada, Italy and Argentina.

Foreign exchange gains and losses reflect net realized gains and losses on foreign currency transactions and the net unrealized gains and losses on our net U.S. dollar denominated monetary assets and liabilities in our Canadian operations that were mainly composed of cash and cash equivalents, short-term investments, accounts receivable and accounts payable. In addition, the Company has foreign exchange exposure on Euro denominated monetary assets and liabilities where the functional currency of the subsidiary is not the Euro. For the year ended December 31, 2019, we recognized a net foreign exchange gain of \$2.5 million primarily due to fluctuations of the Euro and Canadian dollar relative to the U.S. dollar during the year.

For the year ended December 31, 2018, we recognized a net foreign exchange loss of \$9.0 million with the movement in the Canadian dollar and Euro relative to the U.S. dollar, compared to a net foreign exchange loss of \$0.6 million for the year ended December 31, 2017.

Depreciation and amortization for the years ended December 31, 2019, December 31, 2018, and December 31, 2017 were \$16.3 million, \$16.5 million, and \$14.7 million, respectively. The amount included in cost of revenue for the same periods were \$8.6 million, \$7.7 million and \$4.9 million. The slight decrease in depreciation and amortization in 2019 over 2018 is due to certain assets reaching the end of their useful life. The increase in 2018 over 2017 is due to depreciation of new capital expenditures entering into service.

Income from investments primarily relates to our 50% interest in CWI, accounted for by the equity method. See the "Selected CWI Statements of Operations Data" section in this MD&A for more detail.

Interest on long-term debt and amortization of discount

Interest on our long-term debt and accretion on our royalty payable for the three months and year ended December 31, 2019 was \$1.9 million and \$7.3 million, respectively, compared to \$2.3 million and \$9.1 million for the three months and year ended December 31, 2018. Interest on long-term debt decreased from\$1.0 million and \$4.2 million for the three months and year ended December 31, 2018 to \$1.1 million and \$3.9 million in the same period in 2019 due to a reduction in interest rate on our loan from Export Development Canada and lower amount of debt outstanding.

Accretion and finance charges associated with the royalty payable decreased from 2018 due to an additional finance charge of \$0.8 million in 2018 created by early extinguishment of a portion of the royalty payable on the sale of the CNG Compressor business and a lower royalty balance outstanding. The decrease from 2017 was due to an additional finance charge of \$5.2 million in 2017 due to the early extinguishment of a portion of the royalty payable on the completion of the sale of our previous Industrial business segment.

	Year	s end	ded Decembe	er 31	•,
	 2019		2018		2017
Interest expense on long-term debt	\$ 3.9	\$	4.2	\$	6.1
Royalty payable accretion expense and finance charge from prepayment	3.4		4.9		8.4
Total interest on long-term debt and accretion on royalty payable	\$ 7.3	\$	9.1	\$	14.5



Three months ended December 31,

	 2019	2018
Interest expense on long-term debt	\$ 1.1	\$ 1.0
Royalty payable accretion expense and finance charge from prepayment	 0.8	1.3
Total interest on long-term debt and accretion on royalty payable	\$ 1.9	\$ 2.3

Interest and other income

In September 2019, the Company settled a \$3.9 million payable related to the residual balance of government contributions received between 2003 and 2006 in connection with HPDI technology development. A final payment of \$0.6 million was made in September 2019 and all further repayment obligations were terminated; the prior year contributions no longer repayable, amounting to \$3.3 million, were credited to other income during the year.

Income tax expense for the year ended December 31, 2019 was \$2.0 million and was primarily related to taxes payable in our operations in Italy and the Netherlands. This compared to an income tax expense of \$2.1 million for the year ended December 31, 2018 and an income tax recovery of \$4.4 million for year ended December 31, 2017. The tax recovery for 2017 relates to the use of tax losses to offset the tax expense related to the gain on sale of Industrial assets.

Discontinued operations, as discussed in note 5 in the 2019 Annual Financial Statements, the CNG Compressor business was sold during the year ended December 31, 2018. The balances also include amounts related to the residual Industrial business segment.

CAPITAL REQUIREMENTS, RESOURCES AND LIQUIDITY

This "Capital Requirements, Resources and Liquidity" section contains certain forward-looking statements. By their nature, forward-looking statements require us to make assumptions and are subject to inherent risks and uncertainties. Readers are encouraged to read the "Forward-Looking Statements" and "Basis of Presentation" sections of this MD&A, which discuss forward-looking statements and the "Business Risks and Uncertainties" section of both this MD&A and of our AIF.

Our cash and cash equivalents position, including restricted cash, decreased by \$15.1 million during 2019 to \$46.0 million from \$61.1 million at December 31, 2018. The decrease is primarily the result of operating losses, \$14.8 million in net debt service and \$8.9 million in capital expenditures. This is offset by \$25.0 million in dividends received from our CWI joint venture. Cash and cash equivalents consist of guaranteed investment certificates, term deposits and bankers acceptances with maturities of 90 days or less when acquired, and restricted cash.

We continue to work towards accelerating the growth of our Heavy-duty OEM business, sustaining the growth in our IAM and Light-duty OEM businesses, and continuing to improve our cash flow from operations to strengthen our balance sheet. We made significant progress in increasing profitability and operating cash flows in 2019 and expect to continue this in 2020. See the "Business Overview and General Developments" section in the MD&A for further discussion on liquidity and going concern.

Cash Flow from Operating Activities

For the year ended December 31, 2019, our net cash flow used in operating activities in continuing operations was \$15.7 million, an improvement of \$11.7 million from the \$27.4 million in net cash flow used in operating activities in the year ended December 31, 2018. The improvement in cash flow from operating activities is primarily due to increased gross margin and lower operating expenses.

Cash Flow from Investing Activities

Our net cash from investing activities consisted primarily of cash acquired through dividends received from joint ventures and the sale of assets and investments, offset by purchases of property, plant and equipment ("PP&E").

For the year ended December 31, 2019, our net cash flows received from investing activities of continuing operations was \$16.2 million compared to \$19.9 million for the year ended December 31, 2018. The decrease in 2019 is due to holdbacks from asset



sales received in 2018, partially offset by higher CWI dividends in 2019.

Cash Flow from Financing Activities

For the year ended December 31, 2019, the Company's net cash used in financing activities was \$14.8 million, an increase of \$6.7 million compared to the year ended December 31, 2018. During 2019, the Company repaid royalty payable of \$6.0 million (2018 - 3.0 million) and other debts of \$8.1 million (2018 - 3.0 million). In 2017, the Company repaid subordinate debt of \$44.8 million and royalty payable of \$3.0 million. These 2017 repayments were offset by proceeds of \$26.0 million from the issuance of common shares.

CONTRACTUAL OBLIGATIONS AND COMMITMENTS

	rrying nount	Contractual cash flows		< 1 year		1 - 3 years		4-5 years		> 5	years
Accounts payable and accrued liabilities	\$ 86.2	\$	86.2	\$	86.2	\$	_	\$	_	\$	_
Long-term debt, principal (1)	48.8		48.8		13.6		32.8		2.4		
Long-term debt, interest (1)	_		5.6		3.3		2.0		0.3		
Long-term royalty payable (2)	18.3		26.2		5.9		12.4		2.8		5.1
Operating lease commitments	17.5		20.3		4.4		7.5		4.7		3.7
	\$ 170.8	\$	187.1	\$	113.4	\$	54.7	\$	10.2	\$	8.8

- (1) For details of our long-term debt, principal and interest, see note 14 of the Annual Financial Statements. To the extent that our outstanding debt bears interest at floating rates, contractual cash flows for interest have been calculated based on interest rates at December 31, 2019.
- (2) For details of our long-term royalty payable, see note 15 of the Annual Financial Statements.



SHARES OUTSTANDING

For the year ended December 31, 2019, the weighted average number of shares used in calculating the income per share was 134,224,799. During the year ended December 31, 2019, we granted 1,877,101 RSUs. The common shares, share options and share units outstanding and exercisable as at the following dates are shown below:

(weighted average exercise prices are presented in Canadian dollars)

	December	31, 2019	March 1	6, 2020
	Number	Weighted average exercise price	Number	Weighted average exercise price
		\$		\$
Common shares outstanding	136,416,981		136,424,206	
Share units				
Outstanding	1,777,941	3.19	1,780,795	N/A
Exercisable	14,450	2.41	9,123	N/A

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

Our Annual Financial Statements are prepared in accordance with U.S. GAAP, which requires us to make estimates and assumptions that affect the amounts reported in our Annual Financial Statements. We have identified several policies as critical to our business operations and in understanding our results of operations. These policies, which require the use of judgment, estimates and assumptions in determining their reported amounts, include our warranty liability, revenue recognition, inventories, and property, equipment, furniture and leasehold improvements. The application of these and other accounting policies are described in note 3 of Annual financial Statements. Actual amounts may vary significantly from estimates used.

Warranty Liability

Estimated warranty costs are recognized at the time we sell our products and included in cost of revenue. We provides warranty coverage on products sold from the date the products are put into service by customers. Warranty liability represents our best estimate of warranty costs expected to be incurred during the warranty period. Furthermore, the current portion of warranty liability represents our best estimate of the costs to be incurred in the next twelve-month period. We use historical failure rates and cost to repair defective products to estimate the warranty liability. New product launches require a greater use of judgment in developing estimates until claims experience becomes available. Product specific experience is typically available four or five quarters after product launch, with a clear experience trend not evident until eight to twelve quarters after launch. We generally record warranty expense for new products using historical experience from previous engine generations in the first year, a blend of actual product and historical experience in the second year and product specific experience thereafter. The amount payable by us and the timing will depend on actual failure rates and cost to repair failures of its products.

Revenue Recognition

The Company generates revenues primarily from product sales. Product revenues are derived primarily from standard product sales contracts and from long-term fixed price contracts. Under ASC 606, revenue is recognized when a customer obtains control of the goods or services. Determining the timing of the transfer of control, at a point in time or over time, requires judgment. On standard product sales contracts, revenues are recognized when customers obtain control of the product, that is when transfer of title and risks and rewards of ownership of goods have passed and when obligation to pay is considered certain. Invoices are generated and revenue is recognized at that point in time. Provisions for warranties are made at the time of sale.



Inventories

The Company's inventories consist of the Company's fuel system products (finished goods), work-in-progress, purchased parts and assembled parts. Inventories are recorded at the lower of cost and net realizable value. Cost is determined based on the lower of weighted average cost or first-in, first-out. The cost of fuel system product inventories, assembled parts and work-in-progress includes materials, labour and production overhead including depreciation. The Company records inventory write-downs based on an analysis of excess and obsolete inventories determined primarily by future demand forecasts. In addition, the Company records a liability for firm, non-cancelable, and unconditional purchase commitments with manufacturers for quantities in excess of the Company's future demand forecast consistent with its valuation of excess and obsolete inventory

PP&E and Intangible Assets

We consider whether or not there has been an impairment in our long-lived assets, such as plant and equipment, furniture and leasehold improvements and intangible assets, whenever events or changes in circumstances indicate that the carrying value of the assets may not be recoverable. If such assets are not recoverable, we are required to write down the assets to fair value. When quoted market values are not available, we use the expected future cash flows discounted at a rate commensurate with the risks associated with the recovery of the asset as an estimate of fair value to determine whether or not a write down is required.

Impairment of PP&E

Based on revenues and operating results, we concluded that there were no impairment indicators as of December 31, 2019 related to PP&E. Therefore, no impairment on PP&E were recorded for the year ended December 31, 2019.

We have significant investments in PP&E related to our Westport HPDI 2.0TM business. The HPDI business is at the early stages of commercialization, and, as a result, is currently generating losses. Based on our current projections, continuous increases in component sales, compared to 2019 levels, are expected, allowing the HPDI business to benefit from economies of scale and become profitable. This growth in volumes in 2020 and future years is expected through sales with our initial launch partner, our supply arrangement with WWI, and the possibility of additional OEMs entering into supply agreements for our HPDI technology. If these assumptions are not realized, we may be required to record an impairment on these assets in future periods.

Intangible assets

During the year ended December 31, 2019, we recorded an impairment charge of \$0.7 million resulting primarily from the write-down of certain trademarks. This impairment charge was recorded in the Transportation segment.



NEW ACCOUNTING PRONOUNCEMENTS AND DEVELOPMENTS

(a) New accounting pronouncements adopted in 2019:

Leases (Topic 842):

In February 2016, the FASB issued ASU 2016-02, Leases (Topic 842), which increases transparency and comparability among organizations by recognizing right-of-use ("ROU") assets and corresponding liabilities on the balance sheet and disclosing key information about leasing arrangements. On January 1, 2019, we adopted Topic 842 using the modified retrospective transition approach by applying the new standard to all leases existing at the date of initial application. Results and disclosure requirements for reporting periods beginning after January 1, 2019 are presented under Topic 842, while prior period amounts have not been adjusted and continue to be reported in accordance with our historical reporting under Topic 840.

On adoption, we recognized total ROU assets of \$19.7 million, with corresponding liabilities of \$19.7 million in the consolidated financial statements. The adoption did not impact our opening retained earnings, or the prior year statements of income and statements of cash flows.

Under Topic 842, we determine if an arrangement is a lease at inception. ROU assets and liabilities are recognized at the commencement date based on the present value of remaining lease payments over the lease term. As most of our leases do not provide an implicit rate, we use its incremental borrowing rate. Our lease terms may include options to extend the lease and such extensions are included in the lease liabilities when it is reasonably certain that we will exercise such options. Operating leases are included in operating lease ROU assets, and current and non-current operating lease liabilities on our condensed consolidated interim balance sheets.

(b) New accounting pronouncement to be adopted in 2020:

In June 2016, the FASB issued ASU No. 2016-13 "Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments" which requires the measurement and recognition of expected credit losses for financial assets held at amortized cost. ASU 2016-13 replaces the existing incurred loss impairment model with an expected loss methodology, which will result in more timely recognition of credit losses. ASU 2016-13 is effective for annual reporting periods, and interim periods within those years beginning after December 15, 2019. We do not anticipate this amendment to have a significant impact on the financial statements.

REGULATORY COMPLIANCE

As disclosed in our previous MD&A filings, on June 15, 2017, the Enforcement Division of the SEC issued a subpoena to Westport Fuel Systems for information concerning its investment in WWI and compliance with the FCPA and securities laws related to disclosure in SEC filings in connection with the Westport Fuel Systems operations in China. The SEC Enforcement Division issued follow up subpoenas on February 14, 2018, June 25, 2018, and August 2, 2018.

On September 27, 2019, we announced that we had reached a settlement with the SEC resolving the above-mentioned investigation. Under the terms of the settlement, without admitting or denying any violation of the FCPA or related regulations, we agreed to pay to the SEC a total amount of \$4.0 million (comprising a civil penalty of \$1.5 million, a disgorgement amount of \$2.3 million and prejudgment interest of \$0.2 million), which amount, together with related legal fees, was in line with the estimated costs to complete and resolve the investigation that were accrued in the second quarter ended June 30, 2019, and also agreed to a two-year period of self-reporting requirements regarding FCPA compliance activities. Of the total settlement amount agreed with the SEC, \$2.5 million was paid as of December 31, 2019, with the remaining balance due in three equal quarterly installments through September 2020.

In the period from June 2017 to December 31, 2019, total costs and expenses, net of insurance recoveries, incurred by us in connection with the above-mentioned SEC investigation amounted to a cumulative \$18.1 million, of which \$6.3 million were recorded in the year ended December 31, 2019 (2018 - \$10.0 million).



DISCLOSURE CONTROLS AND PROCEDURES AND INTERNAL CONTROLS OVER FINANCIAL REPORTING

Evaluation of Disclosure Controls and Procedures

Our disclosure controls and procedures, as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934, as amended ("Exchange Act"), are designed to provide reasonable assurance that information required to be disclosed in the reports that we file or submit under the Exchange Act and applicable Canadian securities law requirements is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms and applicable Canadian securities law requirements, and that such information is accumulated and communicated to our management, including our Chief Executive Officer ("CEO") and Chief Financial Officer ("CFO") (our principal executive officer and principal financial officer, respectively), as appropriate to allow timely decisions regarding required disclosures. As of the end of the period covered by this report, we evaluated, under the supervision and with the participation of management, including our CEO and CFO, the effectiveness of the design and operation of our disclosure controls and procedures.

Based on that evaluation, our CEO and CFO have concluded that as of December 31, 2019, our disclosure controls and procedures were effective at a reasonable assurance level.

Management's Report on Internal Control Over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Rule 13a-15(f) and 15d-15(f) under the Exchange Act. Internal control over financial reporting is a process designed by, or under the supervision of, our CEO and CFO and effected by our board of directors, management, and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of our consolidated financial statements for external reporting purposes in accordance with U.S. GAAP and the requirements of the SEC, as applicable. There are inherent limitations in the effectiveness of internal control over financial reporting, including the possibility that misstatements may not be prevented or detected.

Because of these inherent limitations internal control systems, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the control system's objectives will be met, and no evaluation of controls can provide absolute assurance that all control issues have been detected. The design of any system of controls is based in part on certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under potential future conditions, regardless of how remote. Therefore, even those systems determined to be effective can provide only reasonable assurance with respect to financial statement preparation and presentation.

Management, including the CEO and CFO, has evaluated the effectiveness of our internal control over financial reporting, based on the criteria in Internal Control-Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on this evaluation, management has determined that our internal control over financial reporting was effective as of December 31, 2019.

During the year ended December 31, 2019, there were no changes to our internal control over financial reporting that materially affected, or are reasonably likely to materially affect, our internal controls over financial reporting.

KPMG LLP ("KPMG"), our independent registered public accounting firm, has audited our consolidated financial statements and expressed an unqualified opinion thereon. KPMG has also expressed an unqualified opinion on the effective operation of our internal control over financial reporting as of December 31, 2019. KPMG's audit report on effectiveness of internal control over financial reporting is included in the Annual Financial Statements.



SUMMARY OF QUARTERLY RESULTS AND DISCUSSION OF THE QUARTER ENDED DECEMBER 31, 2019

Our revenues and operating results can vary significantly from quarter to quarter depending on factors such as the timing of product deliveries, product mix, product launch dates, R&D project cycles, timing of related government funding, impairment charges, restructuring charges, stock-based compensation awards and foreign exchange impacts. Net loss has and can vary significantly from one quarter to another depending on operating results, gains and losses from investing activities, recognition of tax benefits and other similar events.

The Company has modified information from the first quarter of 2018 to exclude the financial results of the CNG Compressor business which has been recorded as discontinued operations with effect from the second quarter of 2018. The following table provides summary unaudited consolidated financial data for our last eight quarters:

Selected Consolidated Quarterly Operations Data

(expressed in millions of United States dollars except for per share amounts)

Three months ended	N	31- Mar-18	J	30- Jun-18	5	30- Sep-18	1	31- Dec-18	N	31- Mar-19	J	30- Jun-19	S	30- Sep-19	Γ	31- Dec-19
(expressed in millions of United States dollars except for per share amounts)						(1)										
Revenue	\$	63.8	\$	80.5	\$	65.5	\$	60.5	\$	73.2	\$	82.4	\$	75.4	\$	74.3
Cost of revenue	\$	49.2	\$	58.8	\$	49.9	\$	48.2	\$	56.0	\$	63.1	\$	57.5	\$	60.5
Gross margin	\$	14.6	\$	21.7	\$	15.6	\$	12.3	\$	17.2	\$	19.3	\$	17.9	\$	13.8
Gross margin percentage		22.9%		27.0%		23.8%		20.3%		23.5%		23.4%		23.7%		18.6%
Net income (loss) from continuing operations	\$	(12.6)	\$	(5.7)	\$	(12.1)	\$	(10.4)	\$	(3.0)	\$	(2.3)	\$	4.9	\$	0.6
Net income (loss)	\$	(14.2)	\$	(4.9)	\$	(3.2)	\$	(9.2)	\$	(3.0)	\$	(2.6)	\$	4.9	\$	0.7
EBITDA (2)	\$	(5.4)	\$	0.2	\$	(3.0)	\$	(5.3)	\$	4.2	\$	4.0	\$	11.7	\$	5.0
Adjusted EBITDA (3)	\$	(3.4)	\$	8.5	\$	4.3	\$	0.2	\$	7.3	\$	8.1	\$	9.4	\$	3.6
Euro to U.S. dollar average exchange rate		1.23		1.20		1.16		1.14		1.14		1.12		1.11		1.11
Earnings (loss) per share																
Basic and diluted from continuing operations	\$	(0.10)	\$	(0.04)	\$	(0.09)	\$	(0.08)	\$	(0.02)	\$	(0.02)	\$	0.04	\$	0.00
Basic and diluted	\$	(0.11)	\$	(0.04)	\$	(0.02)	\$	(0.07)	\$	(0.02)	\$	(0.02)	\$	0.04	\$	0.00
CWI net income attributable to the Company		1.5		7.8		7.7		5.7		8.6		5.9		5.4		6.7

- (1) During the third quarter of 2018, the Company completed the sale of the CNG Compressor business and recognized a gain on sale of assets in discontinued operations of \$9.9 million.
- (2) The term EBITDA does not have a standardized meaning according to U.S. GAAP. See Non-GAAP Measures EBITDA and Adjusted EBITDA for more information.
- (3) The term Adjusted EBITDA is not defined under U.S. GAAP and is not a measure of operating income, operating performance or liquidity presented in accordance with U.S. GAAP. Westport Fuel Systems defines Adjusted EBITDA as EBITDA adjusted to eliminate amortization of stock-based compensation, unrealized foreign exchange gains or losses, and non-cash and other adjustments. See non-GAAP measures for more information.

THREE MONTHS ENDED DECEMBER 31, 2019 AND 2018

Our consolidated net income for the three months ended December 31, 2019 was \$0.7 million, resulting in earnings of \$0.00 per share compared to a net loss of \$9.2 million, or a loss of \$0.07 per share, for the three months ended December 31, 2018. The improvement in net income was driven primarily by higher gross margin, lower legal expenses and an increase in investment income from our CWI joint venture.



NON-GAAP MEASURES

We have included certain non-GAAP performance measures throughout this MD&A. These performance measures are employed by us internally to measure operating and economic performance and to assist in business decision-making, as well as providing key performance information to senior management. We believe that, in addition to conventional measures prepared in accordance with U.S. GAAP, certain investors and other stakeholders also use this information to evaluate our operating and financial performance; however, these non-GAAP performance measures do not have any standardized meaning. Accordingly, these performance measures are intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with U.S. GAAP.

Non-GAAP Measures - EBITDA and Adjusted EBITDA

We believe that, in addition to conventional measures prepared in accordance with U.S. GAAP, Westport Fuel Systems and certain investors use EBITDA and Adjusted EBITDA as an indicator of our ability to generate liquidity by producing operating cash flow to fund working capital needs, service debt obligations and fund capital expenditures. EBITDA is also frequently used by investors and analysts for valuation purposes whereby EBITDA is multiplied by a factor or "EBITDA multiple" that is based on an observed or inferred relationship between EBITDA and market values to determine the approximate total enterprise value of a company.

EBITDA and Adjusted EBITDA are intended to provide additional information to investors and analysts and do not have any standardized definition under U.S. GAAP, and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with U.S. GAAP. EBITDA and Adjusted EBITDA exclude the impact of cash costs of financing activities and taxes, and the effects of changes in operating working capital balances, and therefore are not necessarily indicative of operating profit or cash flow from operations as determined under U.S. GAAP. Other companies may calculate EBITDA and Adjusted EBITDA differently.

EBITDA

Westport Fuel Systems define EBITDA as net income or loss from continuing operations before income taxes adjusted for net interest expense and depreciation and amortization.

Three months ended	31- Mar-18		30- Jun-18		30- Sep-18		31- Dec-18									
Income (loss) before income taxes from continuing operations	\$	(11.7)	\$	(5.6)	\$	(9.5)	\$	(11.9)	\$	(1.9)	\$	(1.4)	\$	5.7	\$	(0.3)
Interest expense, net (1)		2.1		1.7		2.3		2.6		1.8		1.4		1.8		1.5
Depreciation and amortization		4.2		4.1		4.2		4.0		4.3		4.0		4.2		3.8
EBITDA	\$	(5.4)	\$	0.2	\$	(3.0)	\$	(5.3)	\$	4.2	\$	4.0	\$	11.7	\$	5.0

- (1) Interest expense, net is calculated as interest and other income, net of bank charges and interest on long-term debt and other payables and amortization of discount.
- (2) For the third quarter of 2019, "interest expense, net" excluded other income related to the \$3.3 million credit from a settlement with a government agency as discussed above.

EBITDA decreased by \$6.7 million from \$11.7 million for the three months ended September 30, 2019 compared to \$5.0 million in the three months ended December 31, 2019 primarily due to a \$3.3 million gain on settlement of a payable to a government agency and lower operating cost during the three months ended September 30, 2019, which is partially offset by a foreign exchange gain in the fourth quarter of 2019.



Non-GAAP Measures (continued):

Adjusted EBITDA

Westport Fuel Systems defines Adjusted EBITDA as EBITDA from continuing operations adjusted for stock-based compensation, unrealized foreign exchange gains or losses, and non-cash and other adjustments.

Three months ended	31-N	/lar-18	30-Ju	un-18	30-Sep	-18	31-Dec-18		31-Mar-19	30-Jun-19		30-Sep-19		31-Dec-19	
EBITDA	\$	(5.4)	\$	0.2	\$ ((3.0)	\$ (5.3	3) 5	\$ 4.2	\$	4.0	\$	11.7	\$	5.0
Stock based compensation		0.3		1.3		0.6	0.7	7	0.4		0.3		0.3		0.5
Unrealized foreign exchange (gain) loss		_		5.2		2.2	1.6	6	0.1		(0.7)		0.7		(2.6)
Intangible impairment		_		_		_	_	-	_		_		_		0.7
Asset impairment		_		_		_	0.6	6	_		_		_		_
Restructuring, termination and other exit costs		0.6		0.2		_	_	-	0.8		_		_		_
Costs associated with SEC investigation		0.9		2.5		3.5	3.1	1	1.8		4.5		_		_
Other		0.2		(0.9)		1.0	(0.5	5)	_				(3.3)		
Adjusted EBITDA	\$	(3.4)	\$	8.5	\$	4.3	\$ 0.2	2 5	\$ 7.3	\$	8.1	\$	9.4	\$	3.6

Adjusted EBITDA decreased by \$5.8 million from \$9.4 million for the three months ended September 30, 2019 to \$3.6 million in the three months ended December 31, 2019 primarily due to lower gross margin and higher operating expenses, which was partially offset by higher CWI net income attributed to the Company.

BUSINESS RISKS AND UNCERTAINTIES

An investment in our business involves risk and readers should carefully consider the risks described in our AIF and other filings on www.sedar.com and www.sec.gov. Our ability to generate revenue and profit from our technologies is dependent on a number of factors, and the risks discussed in our AIF, if they were to occur, could have a material impact on our business, financial condition, liquidity, results of operation or prospects. While we have attempted to identify the primary known risks that are material to our business, the risks and uncertainties discussed in our AIF may not be the only ones we face. Additional risks and uncertainties, including those that we do not know about now or that we currently believe are immaterial may also adversely affect our business, financial condition, liquidity, results of operation or prospects. A full discussion of the risks impacting our business is contained in the AIF for the year ended December 31, 2019 under the heading "Risk Factors" and is available on SEDAR at www.sedar.com.

Consolidated Financial Statements (Expressed in thousands of United States dollars)

WESTPORT FUEL SYSTEMS INC.

For the years ended December 31, 2019, 2018 and 2017



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Canada

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Report of Independent Registered Public Accounting Firm

To the Shareholders and Board of Directors of Westport Fuel Systems Inc.:

Opinion on the Consolidated Financial Statements

We have audited the accompanying consolidated balance sheets of Westport Fuel Systems Inc. (and subsidiaries) (the Company) as of December 31, 2019 and 2018, the related consolidated statements of operations and comprehensive income (loss), shareholders' equity, and cash flows for each of the years in the three-year period ended December 31, 2019, and the related notes (collectively, the consolidated financial statements). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2019 and 2018, and the results of its operations and its cash flows for each of the years in the three-year period ended December 31, 2019, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2019, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission, and our report dated March 17, 2020 expressed an unqualified opinion on the effectiveness of the Company's internal control over financial reporting.

Change in Accounting Principle

As discussed in note 4(a) to the consolidated financial statements, the Company has changed its accounting policies for leases as of January 1, 2019 due to the adoption of ASC 842, *Leases*.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

/s/ KPMG LLP

Chartered Professional Accountants

We have served as the Company's auditor since 2015.

Vancouver, Canada March 17, 2020

Report of Independent Registered Public Accounting Firm

To the Shareholders and Board of Directors of Westport Fuel Systems Inc.:

Opinion on Internal Control Over Financial Reporting

We have audited Westport Fuel Systems Inc.'s (and subsidiaries') (the Company) internal control over financial reporting as of December 31, 2019, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission. In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2019, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheets of the Company as of December 31, 2019 and 2018, the related consolidated statements of operations and comprehensive income (loss), shareholders' equity, and cash flows for each of the years in the three-year period ended December 31, 2019, and the related notes (collectively, the consolidated financial statements), and our report dated March 17, 2020 expressed an unqualified opinion on those consolidated financial statements.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying "Management's Annual Report on Internal Control Over Financial Reporting". Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control Over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ KPMG LLP

Chartered Professional Accountants

Vancouver, Canada March 17, 2020

Consolidated Balance Sheets

(Expressed in thousands of United States dollars, except share amounts)

December 31, 2019 and 2018

	Dece	mber 31, 2019	Decer	mber 31, 2018
Assets				
Current assets:				
Cash and cash equivalents (including restricted cash, note 3(c) and 14)	\$	46,012	\$	61,119
Accounts receivable (note 6)		66,950		57,118
Inventories (note 7)		47,806		46,011
Prepaid expenses		7,417		4,835
Total current assets		168,185		169,083
Long-term investments (note 8)		10,587		8,818
Property, plant and equipment (note 9)		58,856		63,431
Operating lease right-of-use assets (note 13)		17,524		_
Intangible assets (note 10)		13,075		16,829
Deferred income tax assets (note 18(b))		1,929		1,664
Goodwill (note 11)		3,110		3,170
Other long-term assets		6,660		6,933
Total assets	\$	279,926	\$	269,928
Liabilities and Shareholders' Equity				
Current liabilities:				
Accounts payable and accrued liabilities (note 12)	\$	86,180	\$	85,429
Current portion of operating lease liabilities (note 13)		4,406		_
Current portion of long-term debt (note 14)		13,567		10,327
Current portion of long-term royalty payable (note 15)		5,936		6,091
Current portion of warranty liability (note 16)		4,505		2,800
Total current liabilities	<u>-</u>	114,594		104,647
Long-term operating lease liabilities (note 13)		13,118		_
Long-term debt (note 14)		35,312		44,983
Long-term royalty payable (note 15)		12,322		14,844
Warranty liability (note 16)		4,396		2,141
Deferred income tax liabilities (note 18(b))		4,445		5,521
Other long-term liabilities		6,380		7,116
Total long-term liabilities		190,567		179,252
Shareholders' equity:				
Share capital (Unlimited common and preferred shares, no par value) (note 17):				
136,416,981 (2018 - 133,380,899) common shares issued		1,094,633		1,087,068
Other equity instruments		6,857		12,948
Additional paid in capital		10,079		10,079
Accumulated deficit		(998,320)		(998,361)
Accumulated other comprehensive loss		(23,890)		(21,058)
Total shareholders' equity		89,359		90,676
Total liabilities and shareholders' equity	\$	279,926	\$	269,928
Commitments and contingencies (note 20)				

See accompanying notes to consolidated financial statements.

Approved on behalf of the Board Brenda J. Eprile Director Colin Johnston Director

Consolidated Statements of Operations and Comprehensive Income (Loss)

(Expressed in thousands of United States dollars, except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

	Yea	ars e	ended December 3	1,	
	 2019		2018		2017
Revenue	\$ 305,338	\$	270,283	\$	229,833
Cost of revenue and expenses:					
Cost of revenue	237,086		206,059		169,552
Research and development	25,172		30,619		50,133
General and administrative	41,339		51,075		47,399
Sales and marketing	16,380		15,923		15,817
Restructuring costs	825		808		1,682
Foreign exchange (gain) loss	(2,537)		8,957		562
Depreciation and amortization (notes 9 and 10)	7,778		8,824		9,826
Impairments on long lived assets, net (note 9 and 10)	688		736		1,550
	326,731		323,001		296,521
Loss from continuing operations	(21,393)		(52,718)		(66,688)
Income from investments accounted for by the equity method	26,741		22,728		12,514
Interest on long-term debt and accretion on royalty payable	(7,265)		(9,133)		(14,487)
Interest and other income (note 12)	4,065		465		1,377
Income (loss) from continuing operations before income taxes	2,148		(38,658)		(67,284)
Income tax expense (recovery) (note 18):					
Current	3,607		3,950		(2,780)
Deferred	(1,647)		(1,838)		(1,644)
	1,960		2,112		(4,424)
Net income (loss) from continuing operations	188		(40,770)		(62,860)
Net income (loss) from discontinued operations (note 5)	(147)		9,278		52,881
Net income (loss) for the year	41		(31,492)		(9,979)
Other comprehensive income (loss):			·		
Cumulative translation adjustment	(2,832)		(1,353)		11,382
Comprehensive income (loss)	\$ (2,791)	\$	(32,845)	\$	1,403
Income (loss) per share:					
From continuing operations - basic and diluted	\$ 0.00	\$	(0.31)	\$	(0.52)
From discontinued operations - basic and diluted	\$ 0.00	\$	0.07	\$	0.44
Net income (loss) per share	\$ 0.00	\$	(0.24)	\$	(0.08)
Weighted average common shares outstanding:					
Basic and diluted	134,224,799		132,371,396		119,558,566

See accompanying notes to consolidated financial statements.

Consolidated Statements of Shareholders' Equity

(Expressed in thousands of United States dollars, except share amounts)

December 31, 2019, 2018 and 2017

	Common					A	dditional			A	Accumulated other		Total
	shares			Other equity		paid in		Accumulated		comprehensive		shareholders	
	outstanding	Sh	are capital	instruments capital deficit		iı	income (loss)		equity				
January 1, 2017	110,109,092	\$	1,042,410	\$	20,926	\$	10,079	\$	(956,890)	\$	(31,087)	\$	85,438
Issuance of common shares:													
On exercise of share units	2,045,617		9,917		(9,917)		_		_		_		_
On public offering, net of costs incurred	19,125,000		25,953		_		_		_		_		25,953
Stock-based compensation	_		_		5,238		_		_		_		5,238
Net loss for the year	_		_		_		_		(9,979)		_		(9,979)
Other comprehensive income											11,382		11,382
December 31, 2017	131,279,709	\$	1,078,280	\$	16,247	\$	10,079	\$	(966,869)	\$	(19,705)	\$	118,032
Issuance of common shares:													
On exercise of share units	2,101,190		8,788		(8,788)		_		_		_		_
Stock-based compensation	_		_		5,489		_		_		_		5,489
Net loss for the year	_		_		_		_		(31,492)		_		(31,492)
Other comprehensive loss	_		_		_		_		_		(1,353)		(1,353)
December 31, 2018	133,380,899	\$	1,087,068	\$	12,948	\$	10,079	\$	(998,361)	\$	(21,058)	\$	90,676
Issuance of common shares:													
On exercise of share units	3,036,082		7,565		(7,565)		_		_		_		_
Stock-based compensation	_		_		1,474		_		_		_		1,474
Net income for the year	_		_		_		_		41		_		41
Other comprehensive loss					_		_				(2,832)		(2,832)
December 31, 2019	136,416,981	\$	1,094,633	\$	6,857	\$	10,079	\$	(998,320)	\$	(23,890)	\$	89,359

See accompanying notes to consolidated financial statements.

Consolidated Statements of Cash Flows

(Expressed in thousands of United States dollars)

Years ended December 31, 2019, 2018 and 2017

	Ye	1,	
	2019	2018	2017
Cash flows from (used in) operating activities:			
Net income (loss) for the year from continuing operations	\$ 188	\$ (40,770)	\$ (62,860
Items not involving cash:			
Depreciation and amortization	16,340	16,510	14,741
Stock-based compensation expense	1,474	3,040	6,961
Unrealized foreign exchange (gain) loss	(2,537)	8,957	562
Deferred income tax	(1,647)	(1,838)	(1,644
Income from investments accounted for by the equity method	(26,741)	(22,728)	(12,514
Interest on long-term debt and accretion of royalty payable	7,265	9,133	10,071
Impairments on long lived assets, net	688	736	1,550
Inventory write-downs to net realizable value (note 7)	57	162	1,111
Other income (note 12)	(3,317)	_	_
Change in fair value of derivative liability and bad debt expense	831	(433)	1,397
Restructuring obligations			(14,187
Net cash used before working capital changes	(7,399)	(27,231)	(54,812
Changes in non-cash operating working capital:			
Accounts receivable	(11,137)	3,512	2,605
Inventories	(2,004)		4,565
Prepaid expenses	(2,653)		(93
Accounts payable and accrued liabilities	2,386	(1,367)	6,755
Deferred revenue	926	(851)	(2,143
Warranty liability	4,196	(1,252)	(6,330
Net cash used in operating activities of continuing operations	(15,685)	(27,437)	(49,453
Net cash from (used in) operating activities of discontinued operations	(147)	(1,435)	7,920
Cash flows from (used in) operating activities of discontinued operations	(117)	(1,133)	7,720
Purchase of property, plant and equipment	(8,860)	(10,273)	(25,288
Proceeds on sale of assets and investments	(0,000)	(10,273)	(85
Dividends received from joint ventures	25,045	23,191	16,633
Proceeds received from holdbacks		6,968	10,055
Net cash from (used in) investing activities of continuing operations	16,185	19,886	(8,740
Net cash from investing activities of discontinued operations		14,050	77,148
Cash flows from (used in) financing activities:	-	11,000	77,110
Drawings on operating lines of credit and long-term facilities	25,081	12,612	42,641
Repayment of operating lines of credit and long-term facilities	(33,258)		(71,387
Proceeds from share issuance, net	(=,===)	_	25,953
Repayment of royalty payable	(6,034)	(3,009)	(11,467
Long-term asset securing debt	(553)		(11,10)
Net cash used in financing activities of continuing operations	(14,764)		(14,260
Effect of foreign exchange on cash and cash equivalents	(696)	(7,645)	4,246
Increase (decrease) in cash and cash equivalents	(15,107)		16,861
Cash and cash equivalents, beginning of year	61,119	71,842	60,905
Cash and cash equivalents, organisming of year Cash and cash equivalents, end of year (including restricted cash)	46,012	61,119	77,766
Less: cash and cash equivalents from discontinued operations, end of year		J1,117 —	5,924
Cash and cash equivalents from continuing operations, end of year	\$ 46,012	\$ 61,119	\$ 71,842
See accompanying notes to consolidated financial statements.	Ψ +0,012	<u> </u>	Ψ /1,042

Consolidated Statements of Cash Flows (continued) (Expressed in thousands of United States dollars) December 31, 2019, 2018 and 2017

	Years ended December 31,								
	 2019	2018		2017					
Supplementary information:									
Interest paid	\$ 3,953	\$ 4,039	\$	4,416					
Taxes paid, net of refunds	1,926	540		722					

See accompanying notes to consolidated financial statements.

Notes to Consolidated Financial Statements (Expressed in thousands of United States dollars except share and per share amounts) Years ended December 31, 2019, 2018 and 2017

1. Company organization and operations:

Westport Fuel Systems Inc. (the "Company") was incorporated under the Business Corporations Act (Alberta) on March 20, 1995. The Company engineers, manufactures and supplies alternative fuel systems and components for use in transportation applications on a global basis. The Company's components and systems control the pressure and flow of gaseous alternative fuels, such as propane and natural gas used in internal combustion engines.

2. Liquidity and going concern:

In connection with preparing consolidated financial statements for each annual and interim reporting period, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern within one year after the date that the consolidated financial statements are issued. Substantial doubt exists when conditions and events, considered in the aggregate, indicate that it is probable that the Company will be unable to meet its obligations as they become due within one year after the date that the consolidated financial statements are issued. This evaluation initially does not take into consideration the potential mitigating effect of management's plans that have not been fully implemented as of the date that the consolidated financial statements are issued. When substantial doubt exists, management evaluates whether the mitigating effect of its plans sufficiently alleviates substantial doubt about the Company's ability to continue as a going concern. The mitigating effect of management's plans, however, is only considered if both (1) it is probable that the plans will be effectively implemented within one year after the date that the consolidated financial statements are issued, and (2) it is probable that the plans, when implemented, will mitigate the relevant conditions or events that raise substantial doubt about the entity's ability to continue as a going concern within one year after the date that the consolidated financial statements are issued. Generally, to be considered probable of being effectively implemented, the plans must have been approved before the date that the consolidated financial statements are issued.

Management's evaluation has concluded that there are no known or currently foreseeable conditions or events that raise substantial doubt about the Company's ability to continue as a going concern within one year after the date these consolidated financial statements were issued. These consolidated financial statements have therefore been prepared on the basis that the Company will continue as a going concern.

At December 31, 2019, the Company's net working capital was \$53,591 (2018 - \$64,436) including cash and cash equivalents (including restricted cash) of \$46,012 (2018 - \$61,119), and long-term debt, including the royalty payable, was \$67,137, of which \$19,503 matures in 2020. The Company generated net income from continuing operations of \$188 (2018 - loss of \$40,770) and net cash flow used in continuing operating activities was \$15,685 (2018 - cash used in continuing operating activities of \$27,437). The Company has an accumulated deficit of \$998,320 (2018 - accumulated deficit of \$998,361).

The Company continues to work towards its goal of increasing profitability while growing its businesses, which can be seen in the improved results from operations and operating cash flows in 2018 and 2019. The resolution of the SEC investigation in September 2019 has assisted the Company in improving its operating results going forward by redirecting management's attention to strategic and operational matters, and by significantly reducing legal and advisory costs incurred in relation to the investigation.

As part of its on-going monitoring of financial condition, management is closely evaluating the Company's debt service requirements, in particular, its \$17,500 convertible debt which matures on June 1, 2021. This debt is convertible into common shares at the option of the holder at a conversion price of \$2.17 per common share. Below this price, the Company would have to repay the principal amount in cash. See note 14 of the consolidated financial statements for additional details of debt service requirements and the convertible debt.

Management is also evaluating foreseeable future cash flows from the Cummins Westport joint venture investment, as the joint venture term is scheduled to end on December 31, 2021. The joint venture pays significant dividends to the joint venture partners, with Westport receiving \$25,045 as dividends in 2019 (2018 - \$23,191). As per the joint venture agreement, both Cummins Inc. and the Company have equal rights to the joint venture's intellectual property. However, there is no certainty that the Company will be able to monetize the intellectual property to the level of the current dividends received from the joint venture. See note 8 (a) for additional details related to the Cummins Westport joint venture.

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

2. Liquidity and going concern (continued):

Management is closely evaluating the impact of COVID-19 on the Company's business. The Company has significant operations in Italy where there has been a large number of cases. The Company also sources components from China. At this time, management does not see a material impact to its business, however, the situation is evolving and could become material if the supply chain disruption is prolonged or end customer demand declines.

Management believes that the cash on hand at December 31, 2019 and, the continued improvements in operational performance will provide the cash flow necessary to fund operations over the next year to March 2021. The ability to continue as a going concern beyond March 2021 will be dependent on the Company's ability to generate sufficient positive cash flows from operations, successful conversion of or refinancing of the convertible debt, effective management of the Cummins Westport joint venture transition and on the Company's ability to finance its long term strategic objectives and operations (specifically the growth of the HPDI business). If, as a result of future events, the Company was to determine it was no longer able to continue as a going concern, significant adjustments would be required to the carrying value of assets and liabilities in the accompanying, consolidated financial statements and the adjustments could be material.

3. Significant accounting policies:

(a) Basis of presentation:

The consolidated financial statements include the accounts of the Company and its subsidiaries. All intercompany balances and transactions have been eliminated on consolidation.

These consolidated financial statements are presented in accordance with accounting principles generally accepted in the United States ("U.S. GAAP").

Cartesian Capital Group is a global private equity firm based in New York that has investments in the Company. Various Cartesian entities are associated with these investments including Pangaea Two Management, LP; Pangaea Two Acquisition Holdings XIV, LLC, Pangaea Two Acquisition Holdings Parallel XIV, LLC. Collectively, these entities will be referred to herein as "Cartesian" and are considered related parties. In addition, Peter Yu, the founder and managing partner of Cartesian, was elected as a Director of the Company in January 2016. See notes 8(b), 14(c) and 15 for additional details of Cartesian's investments in the Company.

(b) Foreign currency translation:

The Company's functional currency is in the Canadian dollar and its reporting currency for its consolidated financial statement presentation is the United States dollar. The functional currencies for the Company's subsidiaries include the following: United States dollar, Canadian dollar ("CDN"), Euro, Argentina Peso, Chinese Renminbi ("RMB"), Swedish Krona, and Indian Rupee. The Company translates assets and liabilities of non-U.S. dollar functional currency operations using the period end exchange rates, shareholders' equity balances using historical exchange rates, and revenues and expenses using the monthly average rate for the period with the resulting exchange differences recognized in other comprehensive income.

Transactions that are denominated in currencies other than the functional currency of the Company's operations or its subsidiaries are translated at the rate in effect on the date of the transaction. Foreign currency denominated monetary assets and liabilities are translated to the applicable functional currency at the exchange rate in effect on the balance sheet date. Non-monetary assets and liabilities are translated at the historical exchange rate. All foreign exchange gains and losses are recognized in the statement of operations, except for the translation gains and losses arising from available-for-sale instruments, which are recorded through other comprehensive income until realized through disposal or impairment.

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

3. Significant accounting policies (continued):

As at June 30, 2018, the Company concluded that Argentina's economy is highly inflationary. As a result, the Company remeasured the financial statements of the Argentinian subsidiary in the Company's reporting currency beginning July 1, 2018.

Except as otherwise noted, all amounts in these financial statements are presented in U.S. dollars. For the periods presented, the Company used the following exchange rates:

	Year end exchai	nge rate as at:	Average for the year ended:								
	December 31, 2019	December 31, 2018	December 31, 2019	December 31, 2018	December 31, 2017						
Canadian dollar	0.77	0.73	0.75	0.77	0.77						
Euro	1.12	1.14	1.12	1.18	1.13						
Argentina Peso	0.02	0.03	0.02	0.04	0.06						
RMB	0.14	0.15	0.14	0.15	0.15						
Swedish Krona	0.11	0.11	0.11	0.12	0.12						
Indian Rupee	0.0140	0.0143	0.0142	0.0156	0.0154						

(c) Cash and cash equivalents (including restricted cash):

Cash and cash equivalents includes cash, term deposits, bankers acceptances and guaranteed investment certificates with maturities of ninety days or less when acquired. Cash equivalents are considered as held for trading and recorded at fair value with changes in fair value recognized in the consolidated statements of operations. Cash and cash equivalents at December 31, 2019 and 2018 include restricted cash of \$2,279 and \$5,095. Restricted cash at December 31, 2019 related to cash used to secure a letter of credit. Restricted cash of \$5,095 at December 31, 2018 was related to the Export Development Canada ("EDC") loan and was released on March 1, 2019 as a result of achieving certain milestones (note 14(a)).

(d) Accounts receivable, net:

Accounts receivable are measured at amortized cost. The Company maintains allowances for doubtful accounts for estimated losses resulting from the inability of its customers to make required payments. Past due balances over 90 days are reviewed individually for collectability. If the financial condition of the Company's customers were to deteriorate, adversely affecting their ability to make payments, additional allowances would be required. Based on management's assessment, the Company provides for estimated uncollectible amounts through a charge to earnings and a credit to a valuation allowance. Balances that remain outstanding after the Company has used reasonable collection efforts are written off through a charge to the allowance and a credit to accounts receivable.

(e) Inventories:

The Company's inventories consist of the Company's fuel system products (finished goods), work-in-progress, purchased parts and assembled parts. Inventories are recorded at the lower of cost and net realizable value. Cost is determined based on the lower of weighted average cost or first-in, first-out. The cost of fuel system product inventories, assembled parts and work-in-progress includes materials, labour and production overhead, including depreciation. The Company records inventory write-downs based on an analysis of excess and obsolete inventories determined primarily by future demand forecasts. In addition, the Company records a liability for firm, noncancelable, and unconditional purchase commitments with manufacturers for quantities in excess of the Company's future demand forecast consistent with its valuation of excess and obsolete inventory.

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

3. Significant accounting policies (continued):

(f) Property, plant and equipment:

Property, plant and equipment are stated at cost. Depreciation is provided for as follows:

Assets	Basis	Rate
Buildings	Straight-line	20 years
Computer equipment and software	Straight-line	3 years
Furniture and fixtures	Straight-line	5 years
Machinery and equipment	Straight-line	8-10 years
Leasehold improvements	Straight-line	Lease term

Depreciation expense on machinery and equipment used in the production and manufacturing process is included in cost of sales. All other depreciation is included in the depreciation and amortization expense line on the statement of operations.

(g) Long-term investments:

The Company accounts for investments in which it has significant influence, including variable interest entities ("VIEs") for which the Company is not the primary beneficiary, using the equity method of accounting. Under the equity method, the Company recognizes its share of income from equity accounted investees in the statement of operations with a corresponding increase in long-term investments. Any dividends paid or payable are credited against long-term investments.

(h) Financial liabilities:

Accounts payable and accrued liabilities, short-term debt and long-term debt are measured at amortized cost. Transaction costs relating to long-term debt are netted against long-term debt and are amortized using the effective interest rate method.

(i) Research and development costs:

Research and development costs are expensed as incurred and are recorded net of government funding received or receivable.

(j) Intangible assets:

Intangible assets consist primarily of the estimated value of intellectual property, trademarks, technology, customer contracts and non-compete agreements acquired through acquisitions. Intangible assets are amortized over their estimated useful lives, which range from 5 to 20 years.

(k) Impairment of long-lived assets:

The Company reviews its long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of the assets may not be recoverable. If such conditions exist, assets are considered impaired if the sum of the undiscounted expected future cash flows expected to result from the use and eventual disposition of an asset is less than its carrying amount. An impairment loss is measured at the amount by which the carrying amount of the asset exceeds its fair value. When quoted market prices are not available, the Company uses the expected future cash flows discounted at a rate commensurate with the risks associated with the recovery of the asset as an estimate of fair value.

Notes to Consolidated Financial Statements (Expressed in thousands of United States dollars except share and per share amounts) Years ended December 31, 2019, 2018 and 2017

3. Significant accounting policies (continued):

(l) Goodwill:

Goodwill is recorded at the time of purchase for the excess of the amount of the purchase price over the fair values of the identifiable assets acquired and liabilities assumed. Goodwill is not amortized and instead is tested at least annually for impairment, or more frequently when events or changes in circumstances indicate that goodwill might be impaired. This impairment test is performed annually at December 31. Future adverse changes in market conditions or poor operating results of underlying assets could result in an inability to recover the carrying value of the goodwill, thereby possibly requiring an impairment charge.

(m) Warranty liability:

Estimated warranty costs are recognized at the time the Company sells its products and are included in cost of revenue. The Company provides warranty coverage on products sold from the date the products are put into service by customers. Warranty liability represents the Company's best estimate of warranty costs expected to be incurred during the warranty period. Furthermore, the current portion of warranty liability represents the Company's best estimate of the costs to be incurred in the next twelvemonth period. The Company uses historical failure rates and costs to repair defective products to estimate the warranty liability. New product launches require a greater use of judgment in developing estimates until claims experience becomes available. Product specific experience is typically available four or five quarters after product launch, with a clear experience trend not evident until eight to twelve quarters after launch. The Company records warranty expense for new products using historical experience from previous engine generations in the first year, a blend of actual product and historical experience in the second year and product specific experience thereafter. The amount payable by the Company and the timing will depend on actual failure rates and cost to repair failures of its products.

Notes to Consolidated Financial Statements (Expressed in thousands of United States dollars except share and per share amounts) Years ended December 31, 2019, 2018 and 2017

3. Significant accounting policies (continued):

(n) Revenue recognition:

The Company generates revenues primarily from product sales. Product revenues are derived from standard product sales contracts and from long-term fixed price contracts. The Company recognizes revenue when a customer obtains control of the goods or services. Determining the timing of the transfer of control, at a point in time or over time, requires judgment. On standard product sales contracts, revenues are recognized when customers obtain control of the product, that is when transfer of title and risks and rewards of ownership of goods have passed and when obligation to pay is considered certain. Invoices are generated and revenue is recognized at that point in time. Provisions for warranties are made at the time of sale.

(o) Income taxes:

The Company accounts for income taxes using the asset and liability method. Under this method, deferred income tax assets and liabilities are determined based on the temporary differences between the accounting basis and tax basis of the assets and liabilities and for loss carry-forwards, tax credits and other tax attributes, using the enacted tax rates in effect for the years in which the differences are expected to reverse. The effect of a change in tax rates on the deferred income tax assets and liabilities is recognized in income in the period that includes the enactment date.

The Company recognizes deferred income tax assets to the extent the assets are more-likely-than-not to be realized. In making such a determination the Company considers all available positive and negative evidence, including future reversals of existing taxable temporary differences, projected future taxable income, tax-planning strategies, and results of recent operations. If it is determined that, based on all available evidence, it is more-likely-than-not that some or all of the deferred income tax assets will not be realized, a valuation allowance is provided to reduce the deferred income tax assets.

The Company uses a two-step process to recognize and measure the income tax benefit of uncertain tax positions taken or expected to be taken in a tax return. The tax benefit from an uncertain tax position is recognized if it is more-likely-than-not that the position will be sustained upon examination by a tax authority based solely on the technical merits of the position. A tax benefit that meets the more-likely-than-not recognition threshold is measured as the largest amount that is greater than 50% likely to be realized upon settlement with the tax authority. To the extent a full benefit is not expected to be realized, an income tax liability is established. Any change in judgment related to the expected resolution of an uncertain tax position is recognized in the year of such a change.

Interest and penalties related to income taxes are included as a component of income tax expense.

Notes to Consolidated Financial Statements (Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

4. Accounting changes:

(a) New accounting pronouncement adopted in 2019:

Leases (Topic 842):

In February 2016, the FASB issued ASU 2016-02, Leases (Topic 842), which increases transparency and comparability among organizations by recognizing right-of-use ("ROU") assets and corresponding liabilities on the balance sheet and disclosing key information about leasing arrangements. On January 1, 2019, the Company adopted Topic 842 using the modified retrospective transition approach by applying the new standard to all leases existing at the date of initial application. Results and disclosure requirements for reporting periods beginning after January 1, 2019 are presented under Topic 842, while prior period amounts have not been adjusted and continue to be reported in accordance with the Company's historical reporting under Topic 840.

On adoption, the Company recognized total ROU assets of \$19,747, with corresponding liabilities of \$19,747 in the consolidated financial statements. The adoption did not impact the Company's opening retained earnings, or the prior year statements of income and statements of cash flows.

Under Topic 842, the Company determines if an arrangement is a lease at inception. ROU assets and liabilities are recognized at the commencement date based on the present value of remaining lease payments over the lease term. As most of the Company's leases do not provide an implicit rate, the Company uses its subsidiary's incremental borrowing rates to determine such present value amounts. The Company's lease terms may include options to extend the lease and such extensions are included in the lease liabilities when it is reasonably certain that we will exercise such options. Operating leases are included in operating lease right-of-use assets, and current and non-current operating lease liabilities on the Company's consolidated balance sheets.

(b) New accounting pronouncement to be adopted in 2020:

In June 2016, the FASB issued ASU No. 2016-13 "Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments" which requires the measurement and recognition of expected credit losses for financial assets held at amortized cost. ASU 2016-13 replaces the existing incurred loss impairment model with an expected loss methodology, which will result in more timely recognition of credit losses. ASU 2016-13 is effective for annual reporting periods, and interim periods within those years beginning after December 15, 2019. The Company does not anticipate this amendment to have a significant impact on its consolidated financial statements.

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

5. Sale of assets:

The Company completed the sale of its CNG Compressor business on July 25, 2018 for gross proceeds of \$14,729 and recorded a net gain of \$9,910.

During the second quarter of 2017, substantially all of the former Industrial business segment (excluding the electronics and high pressure product lines) was sold.

The following table presents financial results of the CNG Compressor business and residual Industrial business segment entities which are included in net income (loss) from discontinued operations for the years ended December 31, 2019, 2018 and 2017:

	December 31, 2019	December 31, 2018	December 31, 2017
Revenue	\$ _	\$ 8,837	\$ 46,268
Cost of revenue	_	7,548	34,647
Research and development	_	603	2,972
General and administrative		1,083	5,027
Sales and marketing	 147	575	2,713
	147	9,809	45,359
Operating income (loss) from discontinued operations	(147)	(972)	909
Restructuring costs	<u>—</u>	1,268	_
Net gain on sale of assets		(10,710)	(58,310)
Other expenses	 <u> </u>	<u> </u>	220
Income (loss) from discontinued operations before income tax	(147)	8,470	58,999
Income tax expense (recovery)		(808)	6,118
Net income (loss) from discontinued operations	\$ (147)	\$ 9,278	\$ 52,881

6. Accounts receivable:

	Dece	ember 31, 2019	December 31, 20		
Customer trade receivables	\$	62,974	\$	52,188	
Other receivables		9,092		8,853	
Income tax receivable		475		717	
Due from related parties (note 19)		272		122	
Allowance for doubtful accounts		(5,863)		(4,762)	
	\$	66,950	\$	57,118	

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

7. Inventories:

	Decem	ber 31, 2019	December 31, 2018		
Purchased parts and materials	\$	32,814	\$	31,735	
Work-in-process		2,854		2,297	
Finished goods		12,134		11,367	
Inventory on consignment		4		612	
	\$	47,806	\$	46,011	

During the year ended December 31, 2019, the Company recorded write-downs to net realizable value of approximately \$57 (year ended December 31, 2018 - \$162; year ended December 31, 2017 - \$1,111).

8. Long-term investments:

	Decemb	er 31, 2019	December 31, 20		
Cummins Westport Inc. (a)	\$	7,850	\$	6,309	
Weichai Westport Inc. (b)		1,824		1,824	
Other equity accounted investees		913		685	
	\$	10,587	\$	8,818	

(a) Cummins Westport Inc.:

The Company entered into a joint venture with Cummins Inc. ("Cummins") on March 7, 2001. The joint venture term is scheduled to end on December 31, 2021 and can be terminated under certain circumstances before the end of the term, including in the event of a material breach of the agreement by, or in the event of a change of control of, one of the parties.

On February 20, 2012, the joint venture agreement ("JVA") was amended and restated to provide for, among other things, clarification concerning the scope of products within CWI. In addition, the parties revised certain economic terms of the JVA. Prior to February 20, 2012, the Company and Cummins shared equally in the profits and losses of CWI. Under the amended JVA, profits and losses are shared equally up to an established revenue baseline, then any excess profit will be allocated 75% to the Company and 25% to Cummins.

The Company has determined that CWI is a VIE. Cummins and Westport each own 50% of the common shares of CWI and have equal representation on the Board of Directors. No one shareholder has the unilateral power to govern CWI. The Board of Directors has power over the operating decisions and to direct other activities of CWI that most significantly impact CWI's economic performance as set forth in the governing documents. As decision-making at the Board of Directors' level requires unanimous approval, this power is shared. Accordingly neither party is the primary beneficiary. The joint venture term is scheduled to end on December 31, 2021 and, as per the joint venture agreement, effective from July 1, 2019, either Cummins or the Company can buy out the other's interest based on contractually defined terms and conditions.

The Company recognized its share of CWI's income and received dividends as follows:

	Years ended December 31,						
	 2019		2018		2017		
Investment income from CWI	\$ 26,586	\$	22,701	\$	12,482		
Dividends received	25,045		23,191		16,633		

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

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8. Long-term investments (continued):

(a) Cummins Westport Inc. (continued):

The Company has not historically provided and does not intend to provide financial or other support to CWI that the Company is not contractually required to provide. As at December 31, 2019, the Company has a related party accounts receivable balance of \$272 (2018 - \$122) due from CWI. During the year ended December 31, 2019, total expense recovery from CWI were \$1,903 (2018 - \$1,855; 2017 - \$2,721).

The carrying amount and maximum exposure to losses relating to CWI were as follows:

	Bala	Balance at December 31, 2019				Balance at De	cem	ber 31, 2018
		Carrying amount		Maximum exposure to loss		Carrying amount		Maximum exposure to loss
Equity method investment in CWI	\$	7,850	\$	7,850	\$	6,309	\$	6,309
Accounts receivable due from CWI		272		272		122		122

Assets, liabilities, revenue and expenses of CWI, are as follows:

	Decen	nber 31, 2019	Decer	nber 31, 2018
Current assets:		_		_
Cash and short-term investments	\$	90,296	\$	85,812
Accounts receivable		1,363		2,336
Other current assets		<u> </u>		120
Long-term assets:				
Property, plant and equipment		844		934
Deferred income tax assets		21,322		22,851
Total assets	\$	113,825	\$	112,053
Current liabilities:				
Current portion of warranty liability	\$	19,816	\$	19,829
Current portion of deferred revenue		16,678		21,299
Accounts payable and accrued liabilities		3,858		4,348
		40,352		45,476
Long-term liabilities:				
Warranty liability		30,463		22,995
Deferred revenue		23,667		27,009
Other long-term liabilities		3,631		3,943
		57,761		53,947
Total liabilities	\$	98,113	\$	99,423

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

8. Long-term investments (continued):

(a) Cummins Westport Inc. (continued):

	Years ended December 31,					
		2019	2018		2017	
Product revenue	\$	246,503	\$ 227,408	\$	235,220	
Parts revenue		115,267	91,997		82,077	
		361,770	319,405		317,297	
Cost of revenue and expenses:						
Cost of product and parts revenue		257,717	228,452		207,840	
Research and development		15,933	18,000		30,733	
General and administrative		1,363	1,474		1,113	
Sales and marketing		17,950	15,350		19,675	
Foreign exchange loss		8	12		51	
Bank charges, interest and other		372	706		609	
		293,343	263,994		260,021	
Income from operations		68,427	55,411		57,276	
Interest and investment income		2,421	1,939		982	
Income before income taxes		70,848	57,350		58,258	
Income tax expense:						
Current		16,102	8,397		16,068	
Deferred (1)		1,575	3,552		17,226	
		17,677	11,949		33,294	
Income for the year	\$	53,171	\$ 45,401	\$	24,964	

(1) As a result of the U.S. tax reform substantially enacted in the fourth quarter of 2017, CWI recorded a deferred tax expense of \$13,423 in 2017 arising from related adjustments to deferred income tax assets.

(b) Weichai Westport Inc.:

The Company, indirectly through its wholly-owned subsidiary, Westport Innovations (Hong Kong) Limited ("Westport HK"), is currently the registered holder of a 23.33% equity interest in Weichai Westport Inc. ("WWI").

In April 2016, the Company sold to Cartesian entities a derivative economic interest granting it the right to receive an amount of future income received by Westport HK from WWI equivalent to having an 18.78% equity interest in WWI and concurrently granted a Cartesian entity an option to acquire all of the equity securities of Westport HK for a nominal amount. The Company retained the right to transfer any equity interest held by Westport HK in WWI that was in excess of an 18.78% interest in the event that such option was exercised.

Pursuant to a subsequent agreement dated September 6, 2019 with the Cartesian entities, the Company has agreed, amongst other matters, not to transfer such residual equity interest without the Cartesian entities' prior consent. As a result of such transactions, the Company's residual 23.33% equity interest in WWI currently corresponds to an economic interest in WWI equivalent to just 4.55%.

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

9. Property, plant and equipment:

		Accumulated	Net book
December 31, 2019	Cost	depreciation	value
Land and buildings	\$ 4,764	\$ 1,565	\$ 3,199
Computer equipment and software	5,601	4,521	1,080
Furniture and fixtures	4,213	3,715	498
Machinery and equipment	91,926	41,775	50,151
Leasehold improvements	11,463	7,535	3,928
	\$ 117,967	\$ 59,111	\$ 58,856
		Accumulated	Net book
December 31, 2018	 Cost	 depreciation	 value
Land and buildings			
Land and buildings	\$ 4,765	\$ 1,474	\$ 3,291
Computer equipment and software	\$ 4,765 7,079	\$ 1,474 6,043	\$
	\$	\$	\$ 3,291
Computer equipment and software	\$ 7,079	\$ 6,043	\$ 3,291 1,036
Computer equipment and software Furniture and fixtures	\$ 7,079 3,553	\$ 6,043 2,975	\$ 3,291 1,036 578

During the year ended December 31, 2019, impairment charge of \$nil were recorded related to property, plant and equipment (December 31, 2018 - \$736; December 31, 2017 - \$1,550).

The Company has significant investments in property, plant and equipment related to its Westport HPDI 2.0TM business. The HPDI business is still in the early stages of commercialization, and, as a result, is currently generating losses. Based on the Company's current projections, meaningful increases in component sales, compared to 2019 levels, are expected, allowing the HPDI business to benefit from economies of scale and become profitable. If these assumptions are not realized, the Company may be required to record an impairment on these assets in future periods.

Total depreciation expense for the year ended December 31, 2019 was \$13,409 (year ended December 31, 2018 - \$13,090; year ended December 31, 2017 - \$11,289). The amount of depreciation expense included in cost of revenue for the year ended December 31, 2019 was \$8,562 (2018 - \$7,685; 2017 - \$4,915).

Notes to Consolidated Financial Statements

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Years ended December 31, 2019, 2018 and 2017

10. Intangible assets:

		Accumulated	Net book
December 31, 2019	Cost	amortization	value
Patents and trademarks	\$ 20,386	\$ 9,333	\$ 11,053
Technology	5,457	4,917	540
Customer contracts	12,150	10,668	1,482
Other intangibles	328	328	
Total	\$ 38,321	\$ 25,246	\$ 13,075
		Accumulated	Net book
December 31, 2018	Cost	Accumulated amortization	Net book value
December 31, 2018 Patents and trademarks	\$ Cost 21,142	\$ amortization	\$
	\$ 	\$ amortization	\$ value
Patents and trademarks	\$ 21,142	\$ amortization 7,978	\$ value 13,164
Patents and trademarks Technology	\$ 21,142 5,150	\$ amortization 7,978 4,369	\$ value 13,164 781

During the year ended December 31, 2019, the Company recorded an impairment charge of \$688 (2018 - \$nil; 2017 - \$nil). The impairment resulted primarily from the write-down of a trademark and was recorded in the Transportation segment.

During the year ended December 31, 2019, amortization of \$2,931 (2018 - \$3,420; 2017 - \$3,452) was recognized in the consolidated statement of operations.

11. Goodwill:

A continuity of goodwill is as follows:

	Decem	per 31, 2019	Deceml	ber 31, 2018
Balance, beginning of year	\$	3,170	\$	3,324
Impact of foreign exchange changes		(60)		(154)
Balance, end of year	\$	3,110	\$	3,170

The Company completed its annual assessment of impairment and concluded that the remaining goodwill of \$3,110 related to the Transportation business segment was not impaired as at December 31, 2019.

12. Accounts payable and accrued liabilities:

	Decembe	er 31, 2019	December 31	1, 2018
Trade accounts payable	\$	60,170	\$	60,027
Accrued payroll		15,906		13,723
Accrued interest		1,568		1,568
Due to related parties (note 19)		794		_
Taxes payable		3,497		4,298
Deferred revenue		2,717		996
Restructuring obligation		_		467
Other payables		1,528		4,350
	\$	86,180	\$	85,429

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(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

12. Accounts payable and accrued liabilities (continued):

Other payables at December 31, 2018 included an amount of \$3,883 representing the residual balance of government contributions received between 2003 and 2006 in connection with HPDI technology development, net of repayments paid through that date in the form of royalties calculated on the Company's gross annual revenues for a contractually defined period of time. During the year ended December 31, 2019, amendments were made to the contribution agreement governing these arrangements whereby the Company was required to make a final royalty payment of \$566 and all further repayment obligations were terminated. The Company recognized a gain of \$3,317 in other income, in respect of the settlement reached during the year.

13. Operating leases right-of-use assets:

The Company has entered into various non-cancellable operating lease agreements primarily for its manufacturing facilities and offices. The Company's leases have lease terms expiring between 2020 and 2029. Many leases include one or more options to renew. The Company does not assume renewals in its determination of the lease term unless the renewals are deemed to be reasonably assured at lease commencement. The average remaining lease term is approximately five years and the present value of the outstanding operating lease liability was determined applying a weighted average discount rate of 5.0% based on incremental borrowing rates applicable in each location.

The components of lease cost are as follows:

	Decem	ber 31, 2019
Operating lease cost:		
Amortization of right-of-use assets	\$	3,513
Interest		973
Total lease cost	\$	4,486
The maturities of lease liabilities as of December 31, 2019 are as follows:		
2020	\$	4,406
2021		3,765
2022		3,691
2023		2,691
2024		2,016
Thereafter		3,724
Total undiscounted cash flows		20,293
Less: imputed interest		(2,769)
Present value of operating lease liabilities		17,524
Less: current portion		(4,406)
Long term operating lease liabilities	\$	13,118

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(Expressed in thousands of United States dollars except share and per share amounts)

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14. Long-term debt:

	Decem	nber 31, 2019	December 31, 201		
Term loan facilities, net of debt issuance costs (a)	\$	22,207	\$	24,023	
Senior financing (b)		2,504		8,645	
Convertible debt (c)		17,431		17,382	
Other bank financing (d)		5,105		3,744	
Capital lease obligations (e)		1,632		1,516	
Balance, end of period		48,879		55,310	
Current portion		(13,567)		(10,327)	
Long-term portion	\$	35,312	\$	44,983	

(a) The Company has three separate term loans: one with EDC and two with UniCredit S.p.A. ("UniCredit"). On December 20, 2017, the Company entered into a loan agreement with EDC for a \$20,000 non-revolving term facility. The Company incurred debt issuance costs of \$1,013 related to this loan, which are being amortized over the loan term using the effective interest rate method. The loan bears interest at 6% (prior to March 1, 2019, 9% plus monitoring fees), payable quarterly, as well as quarterly principal repayments. This loan matures on December 31, 2021. The EDC loan has an amount outstanding of \$13,269, net of issuance costs as at December 31, 2019, compared to \$16,860 as at December 31, 2018. The loan is secured by share pledges over the subsidiaries Westport Power, Inc., Fuel Systems Solutions, Inc., Westport Luxembourg S.a.r.l and MTM S.r.L. and by certain of the Company's property, plant and equipment.

On October 9, 2018, the Company entered into a Euro denominated loan agreement with UniCredit. This loan bears interest at an annual rate of 2.3% and interest is paid quarterly. This loan matures on December 31, 2023. As at December 31, 2019, the amount outstanding for this loan was \$5,569 compared to \$7,163 as at December 31, 2018, and was secured by a cash pledge of \$1,671, with these restricted funds being recorded in other long-term assets.

On November 28, 2019, the Company entered into a second Euro denominated loan agreement with UniCredit. This loan bears interest at an annual rate of 1.8% and interest is paid quarterly. This loan matures on September 30, 2023. As at December 31, 2019, the amount outstanding for this loan was \$3,369, and was secured by a cash pledge of \$1,011, with these restricted funds also being recorded in other long-term assets.

- (b) The senior financing facility was renewed on March 24, 2017. This Euro denominated loan bears interest at an annual rate equal to the 6-month Euribor plus 3.3% and can increase or decrease by 30 basis points based on an annual leverage ratio calculation. Interest is paid semi-annually. This loan matures on December 31, 2022. The Company has pledged its interest in EMER S.p.A. as a general guarantee for its senior revolving financing. The Company made a principal prepayment of \$4,735 in July 2019 to this senior financing facility.
- (c) On January 11, 2016, the Company entered into a financing agreement ("Tranche 2 Financing") with Cartesian. As part of the agreement, on June 1, 2016, the Company issued 9.0% convertible unsecured notes due June 1, 2021, convertible into common shares of the Company in whole or in part, at Cartesian's option, at a conversion price of \$2.17 per share. Interest is payable annually in arrears on December 31 of each year during the term.
- (d) Other bank financing consists of various secured and unsecured bank financing arrangements that carry rates of interest ranging from 0.75% to 3.8% and have various maturities out to 2022. Security includes a building owned by the Company in the Netherlands, certain accounts receivable and restricted cash of \$2,279.

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(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

14. Long-term debt (continued):

(e) The Company has capital lease obligations that have terms of three to five years at interest rates ranging from 1.3% to 12.0% (2018 - 1.3% to 12.0%).

Throughout the term of certain of these financing arrangements, the Company is required to meet certain financial and non-financial covenants. As of December 31, 2019, the Company is in compliance with all covenants under the financing arrangements.

The principal repayment schedule of the long-term debt, including the convertible debt if it is not converted to common shares (see (c) above), is as follows for the years ending December 31:

	Term loan facilities		enior nancing	Convo debt	ertible	 er bank incing	Capit obliga	al lease ations	Total	
2020	\$ 7,8	58 \$	741	\$	_	\$ 4,378	\$	590	\$	13,567
2021	9,8	46	834		17,431	338		545		28,994
2022	2,3	11	929		_	389		275		3,904
2023	2,1	92	_					150		2,342
2024 and thereafter		_	_		_	_		72		72
	\$ 22,2	07 \$	2,504	\$	17,431	\$ 5,105	\$	1,632	\$	48,879

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(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

15. Long-term royalty payable:

On January 11, 2016, the Company entered into a financing agreement with Cartesian to support the Company's global growth initiatives. The financing agreement immediately provided \$17,500 in cash (the "Tranche 1 Financing"). In consideration for the funds provided to the Company, Cartesian is entitled to royalty payments based on the greater of (i) a percentage of amounts received by the Company on select HPDI systems and CWI joint venture income through 2025 and (ii) stated fixed amounts per annum (subject to adjustment for asset sales). The carrying value is being accreted to the expected redemption value using the effective interest method, which is approximately 23% per annum. Amounts due to Cartesian are secured by an interest in the Company's HPDI intellectual property and a priority interest in the Company's CWI joint venture interest.

In January 2017, the Company and Cartesian signed a Consent Agreement which allowed the Company to sell certain assets in exchange for prepayment of the Cartesian royalty. Cartesian was to be paid 15% of the net proceeds from these asset sales to a maximum of \$15,000, with this payment being allocated on a non-discounted basis to future years' minimum payments.

The Company received holdback payments in 2018, related to the divestiture of the industrial business segment in 2017, which resulted in a \$1,045 prepayment to Cartesian and an additional finance charge of \$778 in 2018.

As of December 31, 2019, the total royalty prepayments paid to Cartesian as a result of the Consent Agreement was \$12,137.

A continuity schedule of the long-term royalty payable is as follows:

	December 31, 20	9 Dece	ember 31, 2018
Balance, beginning of year	\$ 20,93	5 \$	19,031
Accretion expense	3,35	7	4,135
Repayment	(6,03	4)	(3,009)
Additional finance charge from prepayment			778
Balance, end of year	18,25	8	20,935
Current portion	(5,93	6)	(6,091)
Long-term portion	\$ 12,32	2 \$	14,844

The minimum repayments including interest are as follows, for the years ending December 31:

2020	\$ 5,936
2021	7,268
2022	5,103
2023	1,162
2024	1,637
2025 and thereafter	 5,122
	\$ 26,228

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(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

16. Warranty liability:

A continuity of the warranty liability is as follows:

	Years ended December 31,						
	 2019		2018		2017		
Balance, beginning of year	\$ 4,941	\$	6,301	\$	11,612		
Warranty claims	(1,863)		(2,787)		(2,627)		
Warranty accruals	6,794		2,112		1,232		
Change in estimate	(481)		(1,443)		(2,949)		
Impact of foreign exchange changes	 (490)		758		(967)		
Balance, end of year	8,901		4,941		6,301		
Less: Current portion	 (4,505)		(2,800)		(3,529)		
Long-term portion	\$ 4,396	\$	2,141	\$	2,772		

17. Share capital, stock options and other stock-based plans:

During the year ended December 31, 2019, the Company issued 3,036,082 common shares upon exercise of share units (year ended December 31, 2018 – 2,101,190 common shares). The Company issues shares from treasury to satisfy share unit exercises.

(a) Share Units ("Units"):

The value assigned to issued Units and the amounts accrued are recorded as other equity instruments. As Units are exercised or vested and the underlying shares are issued from treasury of the Company, the value is reclassified to share capital.

During the year ended December 31, 2019, the Company recognized \$1,474 (year ended December 31, 2018 - \$3,040; year ended December 31, 2017 - \$6,961) of stock-based compensation associated with the Westport Omnibus Plan.

A continuity of the Units issued under the Westport Omnibus Plan are as follows:

	Dece	December 31, 2019			mbe	er 31, 2018	Dece	mbe	er 31, 2017
	Number of units		Weighted average grant date fair value (CDN \$)	Number of units		Weighted average grant date fair value (CDN \$)	Number of units		Weighted average grant date fair value (CDN \$)
Outstanding, beginning of year	2,667,403	\$	4.41	4,509,990	\$	6.00	6,664,591	\$	6.75
Granted	1,877,101		3.08	1,009,230		3.50	993,659		2.18
Exercised/vested	(2,622,338)		3.81	(2,101,190)		5.44	(2,045,617)		6.31
Forfeited/expired	(144,225)		2.86	(750,627)		3.61	(1,102,643)		6.51
Outstanding, end of year	1,777,941	\$	3.19	2,667,403	\$	4.41	4,509,990	\$	6.00
Units outstanding and exercisable, end of year	14,450	\$	2.41	2,076,684	\$	4.66	636,073	\$	5.38

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

17. Share capital, stock options and other stock-based plans (continued):

During 2019, 1,877,101 (2018 - 1,009,230) share units were granted to directors, executives and employees. This included 971,051 Restricted Share Units ("RSUs") (2018 - 1,009,230) and 906,050 Performance Share Units ("PSUs") (2018 - nil). Values of RSU awards are generally determined based on the fair market value of the underlying common shares on the date of grant. RSUs typically vest over a three year period so the actual value received by the individual depends on the share price on the day such RSUs are settled for common shares, not the date of grant. PSU awards do not have a certain number of Common Shares that will issue over time - it depends on future performance and other conditions tied to the payout of the PSU.

As at December 31, 2019, \$4,303 of compensation expense related to Units has yet to be recognized in results from operations and will be recognized over the remainder of the vesting period.

(b) Aggregate intrinsic values:

The aggregate intrinsic value of the Company's share units at December 31, 2019 and 2018 are as follows:

	Dec	ember 31, 2019	December 31, 2018
		CDN\$	CDN\$
Share units:			
Outstanding	\$	5,458	\$ 4,828
Exercisable		44	3,759

(c) Stock-based compensation:

Stock-based compensation associated with the Unit plans is included in operating expenses as follows:

Years ended December 31,					
	2019		2018		2017
\$	157	\$	778	\$	1,182
	1,111		1,952		5,450
	206		310		329
\$	1,474	\$	3,040	\$	6,961
	\$	2019 \$ 157 1,111 206	2019 \$ 157 \$ 1,111 206	2019 2018 \$ 157 \$ 778 1,111 1,952 206 310	2019 2018 \$ 157 \$ 778 \$ 1,111 1,952 206 310

During the first quarter of 2018, the Performance Stock Units ("PSUs") that had been conditionally approved were finalized and granted. As a result, the stock-based compensation of \$2,449 related to 730,000 PSUs was reclassified from a liability to shareholders' equity in 2018.

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18. Income taxes:

(a) The Company's income tax provision differs from that calculated by applying the combined enacted Canadian federal and provincial statutory income tax rate of 27% for the year ended December 31, 2019 (year ended December 31, 2018 - 27%; year ended December 31, 2017 - 26%) as follows:

	Years ended December 31,						
		2019		2018	2017		
Income (loss) from continuing operations before income taxes	\$	2,148	\$	(38,658) \$	(67,284)		
Expected income tax expense (recovery)		580		(10,438)	(17,494)		
Increase (reduction) in income taxes resulting from:							
Non-deductible stock-based compensation		264		433	786		
Other permanent differences		15		3,762	3,624		
Withholding taxes and other foreign taxes		1,017		657	444		
Change in enacted tax rates		34		135	22,960		
Foreign tax rate differences, foreign exchange and other adjustments		271		1,585	138		
Non-taxable income from equity investment		(6,416)		(6,834)	(3,245)		
Change in valuation allowance		6,195		12,812	(11,637)		
Income tax expense (recovery)	\$	1,960	\$	2,112 \$	(4,424)		

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(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

18. Income taxes (continued):

(b) The significant components of the deferred income tax assets and liabilities are as follows:

	Decembe	er 31, 2019	Deceml	per 31, 2018
Deferred income tax assets:				
Net loss carry forwards	\$	211,738	\$	197,585
Intangible assets		4,008		5,655
Property, plant and equipment		15,518		12,799
Warranty liability		3,342		3,251
Foreign tax credits		620		620
Inventory		2,306		4,223
Research and development		6,107		5,961
Other		13,618		11,135
Total gross deferred income tax assets		257,257		241,229
Valuation allowance		(255,328)		(239,565)
Total deferred income tax assets	\$	1,929	\$	1,664
Deferred income tax liabilities:				
Intangible assets	\$	(1,756)	\$	(2,456)
Property, plant and equipment		(61)		(106)
Other		(2,628)		(2,959)
Total deferred income tax liabilities	\$	(4,445)	\$	(5,521)
Total net deferred income tax liabilities	\$	(2,516)	\$	(3,857)

The valuation allowance is reviewed on a quarterly basis to determine if, based on all available evidence, it is more-likely-thannot that some or all of the deferred income tax assets will not be realized. The ultimate realization of deferred income tax assets is dependent on the generation of sufficient taxable income during the future periods in which those temporary differences are expected to reverse. If the evidence does not exist that the deferred income tax assets will be fully realized, a valuation allowance has been provided.

The deferred income tax assets have been reduced by the uncertain tax position presented in note 18(f).

Notes to Consolidated Financial Statements

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Years ended December 31, 2019, 2018 and 2017

18. Income taxes (continued):

(c) The components of the Company's income tax expense (recovery) are as follows:

			Incon	ver	y)	
	Ne	t income (loss) before income taxes	Current	Deferred		Total
Year ended December 31, 2019						
Italy	\$	26,645	\$ 2,260	\$ (1,647)	\$	613
United States		16,174	13	_		13
Canada		(28,160)	_	_		_
Other		(12,511)	1,334			1,334
	\$	2,148	\$ 3,607	\$ (1,647)	\$	1,960
Year ended December 31, 2018		_				
Italy	\$	7,445	\$ 1,741	\$ (1,188)	\$	553
United States		17,161	803	_		803
Canada		(61,933)	214	_		214
Other		(1,331)	1,192	(650)		542
	\$	(38,658)	\$ 3,950	\$ (1,838)	\$	2,112
Year ended December 31, 2017						
Italy	\$	679	\$ 493	\$ (1,470)	\$	(977)
United States		3,023	17	_		17
Canada		(61,458)	(3,737)	(17)		(3,754)
Other		(9,528)	447	(157)		290
	\$	(67,284)	\$ (2,780)	\$ (1,644)	\$	(4,424)

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18. Income taxes (continued):

(d) The Company has loss carry-forwards in the various tax jurisdictions available to offset future taxable income as follows:

	2020	2021	2022	2023 and later	Total
Canada	\$ 	\$ 	\$ 	\$ 561,836	\$ 561,836
Italy			_	329	329
United States	_	_	_	111,427	111,427
Sweden			_	12,893	12,893
Other	2,866	3,420	3,618	19,712	29,616
Total	\$ 2,866	\$ 3,420	\$ 3,618	\$ 706,197	\$ 716,101

Certain tax attributes are subject to an annual limitation as a result of the acquisition of Fuel Systems which constitutes a change of ownership as defined under Internal Revenue Code Section 382.

- (e) The Company has not recognized a deferred income tax liability for certain undistributed earnings of foreign subsidiaries which are essentially investments in those foreign subsidiaries and are permanent in duration.
- (f) The Company records uncertain tax positions in accordance with ASC No. 740, Income Taxes. As at December 31, 2019, the total amount of the Company's uncertain tax benefits was \$3,652 (year ended December 31, 2018 \$4,704). If recognized in future periods, the uncertain tax benefits would affect our effective tax rate. The Company files income tax returns in Canada, the U.S., Italy, and various other foreign jurisdictions. All taxation years remain open to examination by the Canada Revenue Agency, the 2016 to 2019 taxation years remain open to examination by the Internal Revenue Service and the 2014 to 2019 taxation years remain open to examination by the Italian Revenue Agency, and various years remain open in the other foreign jurisdictions.

19. Related party transactions:

The Company's related parties are CWI, Cartesian, directors, officers and shareholders which own greater than 10% of the Company's shares.

- (a) Pursuant to the amended and restated Joint Venture Agreement, Westport engages in transactions with CWI (see note 8 (a)). Amounts receivable relate to costs incurred by the Company on behalf of CWI. The amounts are generally reimbursed by CWI to the Company in the month following the month in which the payable is incurred.
- (b) Other transactions with related parties:

Peter Yu, founder and managing partner of Cartesian, was appointed as a Director of the Company in January 2016 in connection with the Investment Agreement entered into with Cartesian in January 2016. As a consequence, the convertible debt (note 14(c)) and royalty payable (note 15), amounts due to Cartesian represent related party balances. During the year ended December 31, 2019, the Company made payments to Cartesian for interest on the convertible debt of \$1,575 (2018 - \$1,575) and for royalty payables \$6,034 (2018 - \$3,009) to Cartesian relating to the royalty payable. In addition, fees of \$nil (2018 - \$250) were paid to Cartesian during the year ended December 31, 2019.

In connection a subsequent agreement dated September 6, 2019 (see note 8(b)), the Company agreed to reimbursement of legal fees amounting to \$768 incurred by Cartesian in connection with the SEC investigation discussed in note 20(b), payable in the course of 2020 and has also accrued \$26 (2018 - \$nil) for director fees payable to Cartesian's director nominee. During the year ended December 31, 2018, the Company incurred \$188 of advisory fees to Cartesian.

During the year ended December 31, 2019, the Company issued 18,246 RSUs (2018 - nil) to Cartesian for director fees payable to Cartesian's director nominee.

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

20. Commitments and contingencies:

(a) Contractual commitments

The Company is a party to a variety of agreements in the ordinary course of business under which it is obligated to indemnify a third party with respect to certain matters. Typically, these obligations arise as a result of contracts for sale of the Company's product to customers where the Company provides indemnification against losses arising from matters such as product liabilities. The potential impact on the Company's financial results is not subject to reasonable estimation because considerable uncertainty exists as to whether claims will be made and the final outcome of potential claims. To date, the Company has not incurred significant costs related to these types of indemnifications.

(b) Contingencies

On June 15, 2017, the Enforcement Division of the SEC issued a subpoena to Westport Fuel Systems for information concerning its investment in Weichai Westport Inc. and compliance with the FCPA and securities laws related to disclosure in SEC filings in connection with the Westport Fuel Systems operations in China. The SEC Enforcement Division issued follow up subpoenas on February 14, 2018, June 25, 2018, and August 2, 2018.

On September 27, 2019, the Company announced that it had reached a settlement with the SEC resolving the above-mentioned investigation. Under the terms of the settlement, without admitting or denying any violation of the FCPA or related regulations, the Company agreed to pay to the SEC a total amount of \$4,046 (comprising a civil penalty of \$1,500, a disgorgement amount of \$2,350 and prejudgment interest of \$196), and also agreed to a two-year period of self-reporting requirements regarding FCPA compliance activities. Of the total settlement amount agreed with the SEC, \$2,529 was paid as of December 31, 2019, with the remaining balance due in three equal quarterly installments through September 2020.

In the period from June 2017 to December 31, 2019, total costs and expenses, net of insurance recoveries, incurred by the Company in connection with the above-mentioned SEC investigation amounted to a cumulative \$18,110, of which \$6,316 recorded in the year ended December 31, 2019 and \$9,977 in the year ended December 31, 2018.

The Company is also engaged in certain legal actions and tax audits in the ordinary course of business and believes that, based on the information currently available, the ultimate outcome of these actions will not have a material adverse effect on our operating results, liquidity or financial position.

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21. Segment information:

The Company manages and reports the results of its business through three segments: Transportation, the CWI Joint Venture, and Corporate. This reflects the manner in which operating decisions and the assessment of business performance is currently managed by the Chief Operating Decision Maker ("CODM").

The financial information for the Company's business segments evaluated by the CODM includes the results of CWI as if they were consolidated, which is consistent with the way the Company manages its business segments. As CWI is accounted for under the equity method of accounting, an adjustment is reflected in the tables below to reconcile the segment measures to the Company's consolidated measures.

Transportation Business Segment

Westport Fuel Systems' Transportation group designs, manufactures, and sells alternative fuel systems and components for transportation applications. The Company's diverse product offerings are sold under established global brands and include a broad range of alternative fuels which have environmental and economic advantages including: liquefied petroleum gas ("LPG"), compressed natural gas ("CNG"), liquefied natural gas ("LNG"), renewable natural gas ("RNG"), and hydrogen. The Company supplies its products and services through a global network of distributors and original equipment manufacturers ("OEMs") and delayed OEM arrangements ("DOEMs") in more than 70 countries. Today, the Company's products and services are available for passenger cars, light-, medium- and heavy-duty trucks, high horsepower, cryogenics, and hydrogen applications.

The Transportation segment includes the independent aftermarket ("IAM"), OEMs and DOEMs, the Westport HPDI 2.0™ product line, electronics, current and advanced research and development programs, supply chain, and product planning activities.

Cummins Westport Inc. ("CWI") Joint Venture

CWI serves the medium- and heavy-duty on-highway engine markets. CWI engines are offered by many OEMs for use in transit, school and shuttle buses, conventional trucks and tractors, and refuse collection trucks, as well as specialty vehicles such as short-haul port drayage trucks and street sweepers. CWI is the leading supplier of natural gas engines to the North American medium-and heavy-duty truck and transit bus industries.

All CWI natural gas engines are dedicated 100% natural gas engines. The fuel for CWI engines can be carried in tanks on the vehicle as CNG or LNG. All engines are also capable of operating on RNG.

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21. Segment information (continued):

The purpose of the joint venture is to engage in the business of developing, marketing and selling spark-ignited natural gas or propane engines for on-highway use. CWI utilizes Cummins' supply chain, back office systems and distribution and sales networks. The joint venture term is scheduled to end on December 31, 2021 (see also note 8(a)).

Corporate Business Segment

The Corporate business segment is responsible for public company activities, corporate oversight and general administrative duties, such as securing the Company's intellectual property.

Financial information by business segment as follows:

	Years ended December 31,									
	2019		2018		2017					
Revenue:										
Transportation	\$ 305,338	\$	270,283	\$	229,833					
CWI	361,770		319,405		317,297					
Total segment revenues	 667,108		589,688		547,130					
Less: equity investee revenue	 (361,770)		(319,405)		(317,297)					
Consolidated revenue from continuing operations	\$ 305,338	\$	270,283	\$	229,833					
Consolidated revenue from discontinuing operations	\$	\$	8,837	\$	46,268					

	Years ended December 31,							
	 2019		2018	201	7			
Operating income (loss):								
Transportation	\$ (798)	\$ (1	0,706)	\$ (40,63)	(8)			
CWI	68,427	5	5,411	57,27	16			
Corporate	(21,619)	(3	1,511)	(22,25	66)			
Restructuring costs	(825)		(808)	(1,68	32)			
Foreign exchange gain (loss)	2,537	(8,957)	(56	52)			
Impairments on long lived assets, net (note 9 and 10)	 (688)		(736)	(1,55	(0)			
Total segment operating income (loss)	 47,034		2,693	(9,41	2)			
Less: equity investee operating income	 (68,427)	(5	5,411)	(57,27	⁷ 6)			
Consolidated operating loss from continuing operations	\$ (21,393)	\$ (5	2,718)	\$ (66,68	38)			
Consolidated operating income (loss) from discontinued operations	\$ (147)	\$	(972)	\$ 90)9			

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

21. Segment information (continued):

	Years ended December 31,								
		2019		2018		2017			
Total additions to long-lived assets, excluding business combinations:									
Transportation	\$	8,255	\$	10,062	\$	25,177			
Corporate		606		211		111			
	\$	8,861	\$	10,273	\$	25,288			

It is impracticable for the Company to provide geographical revenue information by individual countries; however, it is practicable to provide it by geographical regions. Product and service and other revenues are attributable to geographical regions based on location of the Company's customers and presented as a percentage of the Company's product and service revenues are as follows:

	% of total revenue								
	Yea	Years ended December 31,							
	2019	2018	2017						
Europe	68%	62%	60%						
Americas	17%	18%	20%						
Asia	8%	10%	12%						
Others	7%	10%	8%						

As at December 31, 2019, total goodwill of \$3,110 (December 31, 2018 - \$3,170) was allocated to the Transportation segment.

As at December 31, 2019, total long-term investments of \$9,850 (December 31, 2018 - \$8,269) were allocated to the Corporate segment and \$737 (December 31, 2018 - \$549) to the Transportation segment.

Total assets are allocated as follows:

	Total assets by operating segment						
	 Years ended December 31						
	2019		2018				
Transportation	\$ 251,948	\$	236,340				
Corporate	27,978		31,912				
CWI	113,825		112,053				
	 393,751		380,305				
Add: assets held for sale	-		1,676				
Less: equity investee total assets	(113,825)		(112,053)				
Total consolidated assets	\$ 279,926	\$	269,928				

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

21. Segment information (continued):

The Company's long-lived assets consist of property, plant and equipment (fixed assets), intangible assets and goodwill.

Long-lived assets information by geographic area:

December 31, 2019	Property, plant and equipment	Intangible assets and goodwill	Total
Italy	\$ 22,534	\$ 12,883	\$ 35,417
Canada	31,909	192	32,101
United States	951	_	951
Rest of Europe	3,423	3,110	6,533
Asia Pacific	883	_	883
	59,700	16,185	75,885
Less: equity investee long lived assets	(844)	_	(844)
Total consolidated long-lived assets	\$ 58,856	\$ 16,185	\$ 75,041
December 31, 2018	Property, plant and equipment	Intangible assets and goodwill	Total
Italy	\$ 23,470	\$ 16,067	\$ 39,537
Canada	35,089	237	35,326
United States	1,210	_	1,210
Rest of Europe	2,870	3,695	6,565
Asia Pacific	1,726	_	1,726
	64,365	19,999	84,364
Less: equity investee's long lived assets	(934)		(934)
Total consolidated long-lived assets			

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

22. Financial Instruments:

(a) Financial risk management:

The Company has exposure to liquidity risk, credit risk, foreign currency risk and interest rate risk.

(b) Liquidity risk:

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they are due. The Company has a history of losses and negative cash flows from operations since inception, although recorded net income in 2019. At December 31, 2019, the Company has \$46,012 of cash, cash equivalents and short-term investments, including of \$2,279 restricted cash (see note 3(c)).

The following are the contractual maturities of financial obligations as at December 31, 2019:

	 Carrying amount	Contractual cash flows	< 1 year		< 1 year		< 1 year		< 1 year		< 1 year		< 1 year		year 1-3 yea		years 4-5 years		>5 years	
Accounts payable and accrued liabilities	\$ 86,180	\$ 86,180	\$	86,180	\$		\$		\$	_										
Term loan facilities (note 14 (a))	22,207	24,978		9,507		13,158		2,313		_										
Senior revolving financing (note 14 (b))	2,504	2,897		815		1,966		116		_										
Convertible debt (note 14 (c))	17,431	19,727		1,575		18,152		_		_										
Other bank financing (note 14 (d))	5,105	5,112		4,383		729		_		_										
Capital lease obligations (note 14 (e))	1,632	1,747		598		884		265		_										
Long-term royalty payable (note 15)	18,258	26,228		5,936		12,371		2,799		5,122										
Operating lease commitments (note 13)	17,524	20,293		4,406		7,456		4,707		3,724										
	\$ 170,841	\$ 187,162	\$	113,400	\$	54,716	\$	10,200	\$	8,846										

(c) Credit risk:

Credit risk arises from the potential that a counterparty to a financial instrument fails to meet its contractual obligations and arises principally from the Company's cash and cash equivalents, short-term investments and accounts receivable. The Company manages credit risk associated with cash and cash equivalents by regularly investing primarily in liquid short-term paper issued by major banks. The Company monitors its portfolio and its policy is to diversify its investments to manage this potential risk.

The Company is also exposed to credit risk with respect to uncertainties as to timing and amount of collectability of accounts receivable and other receivables. As at December 31, 2019, 85% (December 31, 2018 - 83%) of accounts receivable relates to customer receivables, and 15% (December 31, 2018 - 17%) relates to amounts due from related parties and income tax authorities for value added taxes and other tax related refunds. In order to minimize the risk of loss for customer receivables, the Company's extension of credit to customers involves review and approval by senior management as well as progress payments as contracts are executed. Most sales are invoiced with payment terms in the range of 30 days to 90 days. The Company reviews its customer receivable accounts and regularly recognizes an allowance for doubtful receivables as soon as the account is determined not to be fully collectible. Estimates for allowance for doubtful debts are determined on a customer-by-customer evaluation of collectability at each balance sheet reporting date, taking into consideration past due amounts and any available relevant information on the customers' liquidity and financial position.

Notes to Consolidated Financial Statements (Expressed in thousands of United States dollars except share and per share amounts) Years ended December 31, 2019, 2018 and 2017

22. Financial Instruments (continued):

(d) Foreign currency risk:

Foreign currency risk is the risk that the fair value of future cash flows of financial instruments will fluctuate because of changes in foreign currency exchange rates. The Company conducts a significant portion of its business activities in foreign currencies, primarily the United States dollar and the Euro. We are subject to foreign currency exchange rate risk to the extent that our costs are denominated in currencies other than those in which we earn revenues. In addition, since our financial statements are denominated in U.S. dollars, changes in foreign currency exchange rates between the U.S. dollar and other currencies have had, and will continue to have, an impact on our results of operations, financial condition and cash flows.

Cash and cash equivalents, short-term investments, accounts receivable, accounts payable, and long-term debt that are denominated in foreign currencies will be affected by changes in the exchange rate between the Canadian dollar and these foreign currencies. The Company's functional currency is the Canadian dollar.

The fluctuation in the average U.S. dollar in recent years resulting in material impacts on our revenues in those years. If the U.S. dollar continues to fluctuate against other currencies, we will experience additional volatility in our financial statements.

A 5% increase/decrease in the relative value of the U.S. dollar against the Canadian dollar and Euro compared to the exchange rates in effect for the year ended December 31, 2019 would have resulted in lower/higher income from operations of approximately \$593. This assumes a consistent 5% appreciation in the U.S. dollar against the Canadian dollar and Euros throughout the fiscal year. The timing of changes in the relative value of the U.S. dollar can affect the magnitude of the impact that fluctuations in foreign exchange rates have on our income from operations.

(e) Interest rate risk:

Interest rate risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Company is subject to interest rate risk on certain long-term debt with variable rates of interest. The Company limits its exposure to interest rate risk by continually monitoring and adjusting portfolio duration to align to forecasted cash requirements and anticipated changes in interest rates.

If interest rates for the year ended December 31, 2019 had increased or decreased by 50 basis points, with all other variables held constant, net loss for the year ended December 31, 2019 would have increased or decreased by \$91.

Notes to Consolidated Financial Statements

(Expressed in thousands of United States dollars except share and per share amounts)

Years ended December 31, 2019, 2018 and 2017

22. Financial Instruments (continued):

(f) Fair value of financial instruments:

The carrying amounts reported in the balance sheets for cash and cash equivalents, accounts receivable, accounts payable and accrued liabilities approximate their fair values due to the short-term period to maturity of these instruments.

The long-term investments represent our interest in CWI, WWI and other investments. CWI is accounted for using the equity method. WWI and other investments are accounted for at fair value.

The carrying values reported in the consolidated balance sheet for obligations under capital and operating leases, which are based upon discounted cash flows, approximate their fair values.

The carrying value of the term loan facilities included in the long-term debt (note 14(a)) does not materially differ from its fair value as at December 31, 2019. The carrying value reported in the consolidated balance sheet for senior financing (note 14(b)) approximates their fair value as at December 31, 2019, as the interest rates on the debt are floating and therefore approximate the market rates of interest.

The Company categorizes its fair value measurements for items measured at fair value on a recurring basis into three categories as follows:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities.
- Level 2 Observable inputs other than Level 1 prices such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.
- Level 3 Inputs for the asset or liability that are not based on observable market data (unobservable inputs).

When available, the Company uses quoted market prices to determine fair value and classify such items in Level 1. When necessary, Level 2 valuations are performed based on quoted market prices for similar instruments in active markets and/or model—derived valuations with inputs that are observable in active markets. Level 3 valuations are undertaken in the absence of reliable Level 1 or Level 2 information.

As at December 31, 2019, cash and cash equivalents and short-term investments are measured at fair value on a recurring basis and are included in Level 1.