# Fiscal 2017 Third-Quarter Report Three and Nine Months Ended June 30, 2017 and 2016 (expressed in Canadian Dollars)



August 29, 2017

# Management's Discussion and Analysis

# August 29, 2017

This Management's Discussion and Analysis "MD&A" explains the material changes in BluMetric's financial condition and results of operations for the nine months ended June 30, 2017. The MD&A should be read in conjunction with the Company's consolidated condensed interim financial statements and related notes for the nine months ended June 30, 2017 as well as the MD&A and audited consolidated financial statements and notes for the year ended September 30, 2016. The information provided in this document is not intended to be a comprehensive review of all matters concerning the Company.

This discussion and analysis of the financial condition and the results of operations contain forward-looking statements about expected future events and the financial and operating performance of the Company. These statements, which include descriptions of the Company's business strategy, potential variances impacting the Company's internal and external performance drivers, and the Company's ability to meet its ongoing working capital needs through the ensuing 12 months, are included in the "Discussion of Results and Financial Condition for the Quarter", "Liquidity", and "Business Outlook" sections which follow. These statements are not guarantees of future performance and are subject to risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. This MD&A also makes reference to certain non-IFRS measures to assist users in assessing BluMetric's performance. Non-IFRS measures do not have any standard meaning prescribed by IFRS and are therefore unlikely to be comparable to similar measures presented by other issuers. These measures are identified and described under the section "Financial Terms and Definitions".

No securities commission or regulatory authority has reviewed the accuracy or adequacy of the information presented here.

# **Business Overview and Strategy**

BluMetric Environmental Inc. (<u>www.blumetric.ca</u>) is a Canadian cleantech company providing industry-leading engineering services and proprietary equipment for sustainable solutions to environmental challenges.

Since 1976, BluMetric, and its award winning team of more than 170 professionals, have provided cost-effective and sustainable programs for our clients' environmental challenges. We have served clients throughout the world in a wide range of industrial and governmental sectors. BluMetric's team consists of highly experienced and motivated scientists, engineers, industrial hygienists, environmental auditors, project managers, financial specialists, and support personnel. Our staff are experts in a comprehensive range of environmental services and engineered solutions, from contaminated site remediation, hydrogeology, and geomatics to complete turn-key wastewater treatment systems across a diverse range of industrial, municipal, commercial, and defence sectors.

We are internationally known for cutting-edge work in water/wastewater treatment, professional environmental services, and for dealing with extreme climates, complex treatment issues, and remote and difficult regions.

BluMetric serves clients mainly in Canada, the United States and Central America.

Our diverse presence across geographies and markets provides a degree of risk mitigation, as some sectors and regions are more active than others at any given time.

We provide extensive services to the Canadian Military under contracts for the maintenance, repair, refurbishment, and upgrading of water purification units for the Army and shipboard desalination units for the Navy.

We are also well known for our ability to provide high-quality services and solutions in North America's most sensitive and challenging environments, from the Panama Canal to the Arctic Circle.

With a depth of expertise that enables us to innovate and customize solutions for specific client needs, BluMetric is active in all stages of the analysis, planning, economic evaluation, design, construction, and execution of wastewater projects as well as the provision of specialized data management, hydrology, hydrogeology, occupational health and safety, and other development and compliance services for clients worldwide.

From Yellowknife to San Salvador, BluMetric operates nine offices in North America. Each autonomous office has specific strengths in a respective technology or market. These strengths allow each office to focus on opportunities specific to local clients, while also augmenting the Company's overall technical expertise.

Our head office address is: 3108 Carp Road, Ottawa, Ontario, KOA 1LO.

The Company is focused on growth both geographically and through offering innovative products and services.

We believe the greatest potential for geographic growth is in Canada, United States, and Central and South America. Our chosen sectors (food, beverage & agriculture, mining, and industrial waste, water, and wastewater treatment) are well represented here and are rapidly growing markets. Increasing our product and service portfolio through the Engineered Solutions part of our business is the most expedient path to growth. Initially, this work is less predictable due to a much longer project cycle, but we can overcome this irregularity with product and market growth.

BluMetric believes strategic alliances and partnerships with other companies in niche or complementary technologies, sectors, and geographies are key elements in increasing our portfolio and in delivering innovative solutions to customers.

BluMetric's working capital is expected to support planned business operations through fiscal 2017.

#### Technology and Innovation

The timely development of innovative products or services differentiates the Company from its competition. Research is the key to the development of successful products. Innovations must work from a scientific standpoint, fill a significant marketplace need, and be economically viable.

The following products and technologies have been or will be evaluated in the light of these requirements.

**Ammonia Removal** - Ammonia is a plant nutrient, and surplus ammonia is responsible for damaging algae blooms in streams, rivers, and lakes. These blooms have caused closures of recreational areas, water treatment plants, and fisheries. Consequently, regulators have implemented strict ammonia wastewater discharge limits. Ammonia is a by-product of protein degradation in domestic sewage, feedlot run-off, landfill leachate, food processing wastewater, rendering, and chemical manufacturing. It is also found in mines due to the use of ammonium nitrate as a blasting agent.

The need to minimize ammonia discharges has created significant demand for mitigation products in the Americas. Regulatory and political pressures have put real force behind that demand. BluMetric has developed a proprietary process for the removal of ammonia, and its by-products, from the wastewater generated by a wide range of clients. These clients range from municipal domestic sewage to mining to landfill leachate to food processors. Our focus on the removal of ammonia is consistent with increased pressure, from regulators and the public, for the reduction of ammonia discharged into the environment.

In Q1, we secured an order for over \$1.0 million, with a mining company, utilizing our ammonia removal technology. In Q2, we conducted successful pilot tests on additional mine wastewater, landfill leachate, and wastewater from rendering operations. In Q3, we continued to pilot test our ammonia removal system with several different clients, with specific focus on landfill leachate. As a result of this effort we have secured an order valued at approximately \$200,000 for an ammonia removal system for a centralized waste treatment facility specializing in the treatment of landfill leachate. We have also conducted pilot work with a large landfill management company for the treatment of ammonia and other emerging contaminants.

We currently have several pilot test programs in place and planned for Q4 2017 and Q1 2018, with focus on leachate and high-strength, ammonia-bearing, food processing wastewaters.

# Our products are as follows:

- MARS this membrane-based system reduces ammonia by direct absorption. The design can cut capital costs of a traditional treatment plant by 40%. For example, on the construction of a new treatment plant, for a city with a 100,000 population, MARS could reduce capital costs by \$20 million. MARS operating costs are approximately 50% lower than a standard activated sludge plant of comparable size. MARS can be retro-fitted to existing facilities facing lower ammonia limits. Prime applications are in the food and beverage, commercial, land development, municipal, and landfill leachate markets.
- CR<sup>3</sup> is an ion-selective resin-exchange ammonia removal system designed for mining. It is attractive to clients because of its low capital costs and reliability. Further, unlike other ammonia removal technologies, it does not synthesize durable toxic by-products. A major project with an Ontario-based gold miner is currently on track for installation in the fourth quarter of 2017. Like MARS, CR<sup>3</sup> gives BluMetric a competitive edge.
- COBRA is a wastewater treatment innovation that is more cost effective than traditional activated sludge biological systems because it lowers capital and operating expenses. It provides clients with higher-quality effluent, at a lower lifecycle cost and a smaller footprint. Our first full-scale COBRA went on line in Q1 and has become a showpiece in Central America.
- Activator is an integral part of the patented Variable Depth Reactor (VDR) technology, which is licensed to BluMetric, and a pre-treatment step for the MARS. In dozens of VDR installations, the Activator manages influent flow and load variations, while jump starting the biological treatment process. Activator allows clients the option to modify the treatment process years after the installation to better address changing loads or effluent requirements.

As stated in the previous MD&A, we have applied for patents for both MARS and CR<sup>3</sup>. During Q3 we amended our patent application for the MARS product to consolidate it with the CR<sup>3</sup>

process. Interlocking this technology with our existing patent (VDR) strengthens our position and affords us greater coverage. We have continued to protect existing trademarks and applied for additional trademark protection for the BluMod membrane products.

We have continued to work on the commercialization of the COBRA, Activator, and VDR products. The commercialization of these products will be complete in Q4 2017. Commercialization of the MARS and BluMod series of products was continued in Q3 and will be complete by the end of Q4.

The commercialization of these products has the following advantages:

- Streamlines the quotation process;
- Reduces the reliance on engineering for the development of budget proposals;
- Increases the accuracy of the costing process;
- Provides an efficient platform for sales training;
- Delivers a concise and credible presentation to potential clients.

**Energy Recovery System** - BluMetric developed and proved a technology platform,  $H_4$  – *Heavy Fuel Oil Recovery,* that significantly reduces the environmental impact of heavy fuel oil waste from marine and industrial applications, while providing the client with a recovered fuel. In Q2, we engaged a dedicated sales agent to evaluate target markets and focus sales efforts in markets identified as having the greatest potential return, namely power generation and ports in Central America.

**Enhanced Primary Treatment** - is an array of developing innovative products that reduce the load to the treatment plant by intercepting, removing, and recovering thermal and organic energy from wastewater. The reduction of the influent load reduces operating costs, specifically the electrical energy required to oxidize the organic material. The recovery of raw material, as animal feed or as a feed stock for digesters that produce energy, generates additional revenue for the client.

Continuing Research - BluMetric continues to conduct research on processes where market drivers and the potential market size hold the greatest opportunities. Currently, we are working with the Canadian Government and a major international chemical company on both the biodegradation and physical removal of cyanide from mining wastewater. BluMetric has developed a method to remove PFOA and PFOS, which is an emerging contaminant and suspected carcinogen, from contaminated groundwater. Our first full scale pilot, with our technology partner in the oil, gas, and mining sector, was completed in Q3 and will be operational in Q4. It will reduce the dissolved solids so that a substantial portion of the water can be reused. It supports the push for zero or minimum liquid discharge from mining and oil and gas sites.

BluMetric will continue to foster and develop strategic partnerships where these alliances either augment the Company's technologies or expand the Company's geographic reach.

#### **Board of Directors**

The Board of Directors currently consists of six members, four of whom are independent. The independent directors reflect a wide range of senior experience in public- and private-company management, with expertise in finance, operations, and governance both inside and outside the environmental sector.

#### **Executive Management**

The Senior Management team comprises: Roger Woeller, Chief Executive Officer; Vivian Karaiskos, Chief Financial Officer; Dan Scroggins, Senior Vice President, Research and Innovation; Tim Beckenham, Senior Director of Professional Services; and Byron O'Connor, Senior Director of Engineering.

This team is supported by well-qualified and highly experienced individuals leading business development and operations in each of the Company's branch offices and major service sectors.

# **Our People**

The Company has a team of approximately 170 environmental professionals. Staffing levels fluctuate seasonally with the hiring of contract staff and students to meet peak demand periods. The Company strives to recruit and retain highly skilled employees who are able to use their technical expertise to deliver creative product solutions to clients. Along with the wide range of skills and abilities of our staff, our strong inter-disciplinary processes and integrated leadership across sectors is a key competitive asset. BluMetric combines small-company flexibility with big-picture knowledge. Our greatest attribute is the quality of our employees and their trusted ability to serve our clients.

# Diversity

The Company is committed to achieving a diversity of knowledge, expertise, and perspectives from its Board, management, and staff. The Company also needs the best minds to achieve its forward-thinking objectives. To achieve this diversity, the Company focuses on recruiting individuals who bring a varied mix of skills and competencies. Appointments are based on merit. The Company is committed to and implements gender and ethnic diversity at the Board, management and staff levels and prides itself on representing the communities that it serves.

#### **RESULTS**

# **Results of Operations**

		Three Months Ended			Nine Months Ended			
	June 30, 2017	June 30, 2016	Change	Change	June 30, 2017	June 30, 2016	Change	Change
	\$	\$	\$	%	\$	\$	\$	%
Revenue	7,434,291	8,377,957	(943,666)	-11%	22,941,695	24,235,177	(1,293,482)	-5%
Gross profit	1,444,903	1,870,676	(425,773)	-23%	4,745,222	5,259,697	(514,475)	-10%
Gross margin %	19%	22%			21%	22%		
Operating Costs	1,204,632	1,269,302	(64,670)	-5%	3,833,488	3,874,082	(40,594)	-1%
EBITDA <sup>1</sup>	337,414	698,220	(360,806)	-52%	1,205,412	1,741,865	(536,453)	-31%
Adjusted EBITDA <sup>2</sup>	418,523	768,972	(350,449)	-46%	1,259,251	1,546,274	(287,023)	-19%
Net income	69,908	370,675	(300,767)	-81%	388,150	675,139	(286,989)	-43%
Common shares outstanding	27,880,140	27,880,140			27,880,140	27,880,140		
Net income per share	0.00	0.01			0.01	0.02		
Total assets					11,704,141	13,108,712	(1,404,571)	-11%
Working capital					4,732,148	514,175	4,217,973	820%
Long term debt					4,444,649	2,079,567	2,365,082	114%
Shareholders' equity					2,408,376	2,087,224	321,152	15%

Note 1: EBITDA is a non-IFRS measure (see "Financial Terms and Definitions) and is calculated as net income before interest expense, income taxes, depreciation, and amortization Note 2: Adjusted EBITDA is a non-IFRS measure ("see Financial Terms and Definitions) and is calculated as EBITDA before gain or loss on foreign exchange, stock based compensation, gain or loss on sale of property, plant and equipment, unrealized gains on investments held for sale and impairment of good will.

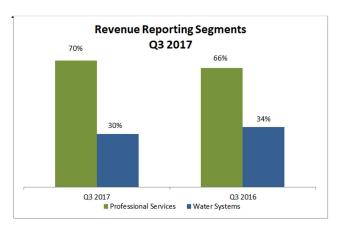
# Discussion of Results and Financial Condition for the Quarter Ended June 30, 2017

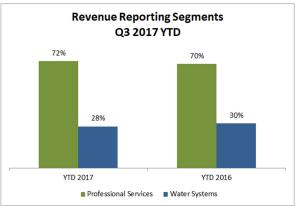
This analysis compares the quarter ended June 30, 2017 with the quarter ended June 30, 2016.

#### Revenue

During the quarter ended June 30, 2017, total revenue was \$7.4 million (June 30, 2016 - \$8.4 million), a decrease of approximately \$0.9 million, or 11%. The lower revenue is largely due to fewer engineered solutions projects within the Water Systems group and there was also a decrease within the Professional Services group. Profession Services achieved revenue of approximately \$5.2 million and Water Systems posted \$2.2 million.

The revenue split between Professional Services and Water Systems was 70% and 30% respectively for Q3 2017, compared to 66% and 34% for Q3 2016. The Company continues to focus on increasing the percentage for Water Systems' revenue.





#### **Geographical Segmentation**

The Company operates in three geographical areas, Canada (country of domicile), the United States, and other international (mainly Central America).

Sales reported by client location based on origin of purchase (i.e. domicile of contracting party, not final destination of equipment) are as follows:

Canada International United States

For the three months ended				
June 30				
2017	2016			
\$	\$			
7,419,136	7,534,459			
-	365,074			
15,155	478,424			
7,434,291	8,377,957			

For the nine months ended				
June 30				
2017	2016			
\$	\$			
22,788,703	21,850,809			
120,218	1,123,181			
32,774	1,261,187			
22,941,695	24,235,177			

Gross profit for the quarter ended June 20, 2017 was \$1.4 million, or a gross margin of 19% (June 30, 2016 - \$1.9 million or 22%), which represents a quarter-over-quarter decrease of \$0.5 million. The decrease in gross profit is due to both lower revenues and lower margins, most notably in professional services.

Operating costs for the quarter ended June 30, 2017 were \$1.2 million, and down slightly from \$1.3 million reported the same quarter last year. The Company consistently reviews its cost structure to ensure it is optimized while at the same time supporting revenue growth.

Finance costs of \$170,363 for the quarter ended June 30, 2017 were significantly lower than the \$230,699 reported a year earlier. This is due largely to the positive impact of the Company's new credit and loan arrangement which began September 12, 2016.

Net income for the quarter ended June 30, 2017 was \$69,908 compared with net income of \$370,675 in the same quarter the previous year. Year-to-date, net income is \$388,150, which is down from the previous year -o-date income of \$675,139.

Shareholders' equity increased to \$2.4 million at June 30, 2017 from \$2.0 million at June 30, 2016. The improvement is a result of continued profitability.

The Consolidated Statement of Financial Position as at June 30, 2017 showed working capital of \$4.7 million, a significant improvement from the year prior balance of \$0.5 million. The balance sheet at June 30, 2016 reflected a current liability classification of the \$1.4 million in convertible debentures coming due within 12 months. The convertible debenture has been extinguished and replaced by new long-term debt.

The Company's improved position is a result of using the proceeds from the sale of the Sudbury office in Q2 2016 to pay down existing debt, an infusion of growth capital as part of the new refinancing arrangements that occurred on September 12, 2016, and continued profitability.

# EBITDA and Adjusted EBITDA (see "Financial Terms and Definitions")

	For the three months ended  June 30		For the nine months ended	
			June 30	
	2017	2016	2017	2016
	\$	\$	\$	\$
Net income	69,908	370,675	388,150	675,139
Depreciation of property, plant and equipment	32,835	34,036	100,756	140,443
Amortization of intangible assets	64,308	62,810	192,922	235,650
Finance costs	170,363	230,699	523,584	690,633
EBITDA	337,414	698,220	1,205,412	1,741,865
Foreign exchange gain	18,281	45,583	(503)	(66,800)
Share-based compensation	(5,934)	17,653	(1,864)	47,393
Impairment of assets held for sale	68,762	-	68,762	-
Gain(loss) on disposal of propery, plant and equipment	-	7,516	-	(172,876)
Realized gain on investment held for sale	-	-	(12,556)	(3,308)
Adjusted EBITDA	418,523	768,972	1,259,251	1,546,274

The Company recorded adjusted EBITDA of \$418,523 for the three months ended June 30, 2017.

# **Quarterly Results**

Quarterly financial information for the eight quarters ended June 30, 2017 (in 000's, except as otherwise indicated)

	Q3 2017	Q2 2017	Q1 2017	Q4 2016
	June, 2017	March 31, 2017	Dec 31, 2016	Sept 30, 2016
Revenue	7,434	7,920	8,288	7,258
Cost of sales	5,989	6,007	6,592	6,170
Gross profit	1,445	1,913	1,697	1,089
Gross margin %	19%	24%	20%	15%
Operating expenses	1,205	1,368	1,280	1,053
Finance costs	170	-	188	122
Net income (loss)	70	289	228	(87)
Weighted average common shares	27,880,140	27,880,140	27,880,140	27,880,140
Income (loss) per share	0.00	0.01	0.01	(0.00)

	Q3 2016	Q2 2016	Q1 2016	Q4 2015
	June 30, 2016	Mar 31, 2016	Dec 31, 2015	Sept 30, 2015
Revenue	8,378	7,920	7,937	9,243
Cost of sales	6,507	6,007	6,461	7,184
Gross profit	1,871	1,913	1,476	2,059
Gross margin %	22%	24%	19%	22%
Operating expenses	1,269	1,368	1,237	1,662
Finance costs	231	247	213	220
Net income	371	289	16	334
Weighted average common shares	27,880,140	27,880,140	25,235,850	25,235,850
Income (loss) per share	0.01	0.00	0.01	0.01

# **Quarterly Trend Analysis**

Historically, the Company's professional services practice has followed a seasonal pattern with the second and third quarters, ended March 31 and June 30 respectively, experiencing relatively lower levels of activity when compared to the balance of the year. This seasonality is partly weather-related, as it is easier and more productive to conduct outdoor environmental investigations, site remediation, and construction-related projects in Canada during the summer. In addition, the December holiday period can have a significant impact on activity levels possible in that quarter (BluMetric's first quarter) depending on how it falls in the month.

Gross margin is typically lowest in the winter and spring quarters and highest in the summer and fall quarters for the professional services side of the business. This pattern reflects the Company's historical experience that staff can achieve higher utilization (percentage of time actively engaged in revenue-producing projects) during the summer and fall quarters.

#### Q3 17 vs Q3 16

For the third quarter of 2017 revenue was \$7.4 million compared to \$8.4 million in the third quarter of 2016. Water Systems had a \$600,000 decrease from the year earlier quarter while Professional Services had a decrease of \$400,000. Within Water Systems, the decrease was due primarily to fewer active engineered solutions projects compared to Q3 of 2016 as well as the timing of a couple of retrofit projects that started towards the end of Q3 2017. The sales cycle for engineered solutions is long and can range between 6 to 18 months. Subsequent to Q3 2017, the Company announced contract signings for these types of projects in excess of \$1.0 million. Professional Services was impacted by a general slow-down in government programs, primarily due to delays in government procurement and funding allocation. Net income was \$70,000 for Q3 2017 compared to \$371,000 for Q3 2016. This is due largely due to lower margins from Professional Services in Q3 2017. The quarter was also impacted by a \$69,000 impairment related to an office building that was sold subsequent to quarter end and was therefore written down to its net recoverable amount during the quarter.

#### Q2 17 vs Q2 16

For the second quarter of 2017 revenue was \$7.2 million compared to \$7.9 million in the second quarter of FY 2016. This \$700,000 decrease comprised \$500,000 from Water Systems and \$200,000 from Professional Services. Within Water Systems, the decrease was due primarily to the Parts and Services group who delivered some larger one time projects in the prior year quarter. Net income for Q2 2017 was \$90,000 compared to \$289,000 in Q2 2016. This decrease is due primarily to lower overall revenue and margin in the Water Systems group. However, in the Professional Services group while the revenue was lower quarter over quarter, the margin was higher for an overall net positive impact on income.

#### Q1 17 vs Q1 16

For the first quarter of 2017 revenue was \$8.3 million compared to \$7.9 million in the first quarter of FY 2016. The \$400,000 increase reflected a \$300,000 increase from Water Systems and a \$100,000 increase from Professional Services. Within Water Systems, manufacturing and assembly projects saw an overall revenue increase of \$700,000, offset by a decrease in revenue from engineered solutions projects of \$400,000. This decline is due to a slower-than-anticipated ramp-up of new engineered solutions projects. Net income for Q1 2017 was \$228,000 compared to \$15,000 for Q1 2016. This increase is almost entirely due to higher gross profit achieved by the Professional Services group.

#### Q4 16 vs Q4 15

Fourth quarter 2016 revenue was \$7.3 million compared to \$9.2 million in Q4 2015. The Company experienced a \$1.5 million drop in Professional Services revenue and a \$400,000 drop in Water Systems revenue. Within Water Systems the drop was mainly in engineered solutions projects, as a number of assignments have been coming to a close over the year and new contracts had not been finalized, a reflection of the pattern of workflow of the engineered systems projects. There was a partial offset from an increase in manufacturing and assembly projects over the prior year same quarter. Within the Professional Services group, the main cause was the timing of projects, which resulted in a busier Q3 2016. Net loss in Q4 2016 was

\$87,000 compared to net income of \$334,000 in Q4 2015. The drop is largely due to lower revenue and gross margin offset by lower operating costs.

# Liquidity

The Company's short-term credit facilities consist of an operating demand loan of \$2,500,000, with a \$500,000 sublimit for letters of credit. Each letter of credit is 100% guaranteed through a separate program. This replaces a previous credit facility that consisted of a \$2,000,000 operating line of credit.

The operating demand loan is supported through a separate program by way of account performance security guarantees in favour of the bank.

The operating demand loan carries a floating rate of interest of prime plus 2.25% and is secured by a general security agreement over the Company's assets. The previous line of credit carried a floating rate of interest of prime plus 3.50%.

In addition to the operating demand loan, the Company entered into an agreement with another institution on September 12, 2016 for a secured five-year term loan of \$2,500,000. This loan bears a 10% interest rate, paid monthly, and requires the Company to pay royalty fees on gross revenue beginning February 2018. The royalty rate is tiered and applies at a rate of 0.35% of gross revenue up to \$38,000,000, and then decreases to 0.15% on gross revenue in excess of this amount.

The Company has certain covenants in accordance with its new credit and loan arrangements on both a quarterly basis as well as rolling quarterly basis. As June 30, 2017, the Company was in default of one of its covenants related to total funded debt. The Company rectified this default on July 4, 2017 when the sale of its office building at 3096 Carp Road in Ottawa closed. The Company received net proceeds of \$652,800 related to this sale and the associated mortgage included in long term debt for the property of \$561,500 was discharged.

The Company has generated positive earnings for the nine months ended June 30, 2017, as well as the two years ended September 30, 2016 and September 30, 2015. The Company anticipates having sufficient funds over the next twelve months to discharge its liabilities, as well as sufficient earnings to meet all debt covenants.

#### **Business Outlook**

The following comments include forward-looking information and users are cautioned that actual results may vary.

The Company is targeting both organic revenue growth and growth through association and coventuring with technology suppliers in allied fields and sectors. Our focus will continue to be on improving margins and tightly managing overhead, with careful cost control in existing operations and branch offices. Another key focus will be maintaining margins on the supply of

professional services while increasing revenues on the higher-margin engineered solutions business, primarily with existing staff.

The Company views its biggest opportunities in offering solutions that reduce client operating expenses and helping to meet regulatory requirements for improved levels of environmental performance.

# **Capital Resources**

The Company's future growth strategy contemplates investment in various technologies and processes requiring capital for prototyping purposes. Accordingly, the Company may opportunistically approach capital markets for additional equity funding if conditions are favourable.

#### **Business Risks**

The Company is subject to risks and uncertainties in the normal course of business that could materially affect the financial condition of the Company. These risks and uncertainties include, but may not be limited to, the following:

- Macroeconomic risk of recession in key markets or the economy as a whole;
- Failure to retain and develop key personnel;
- Competition from companies which are better-financed or have disruptive technologies;
- Major swings in currency valuations after setting the price of foreign contracts; and
- Cybersecurity threats.

#### Off-Balance Sheet Arrangements

The Company has no off-balance sheet arrangements.

# **Transactions with Related Parties**

All related-party transactions are conducted under terms and conditions reflecting prevailing market conditions at the transaction date and are recorded at the amounts agreed upon by the parties.

On November 15, 2012, the Company reached agreement with a number of creditors with respect to repayment terms for outstanding amounts payable, in the aggregate amount of \$958,285. Of this amount, \$450,452 was owed to related parties. The agreement requires the Company to repay this amount on a monthly basis, with blended payments of \$22,947 principal and interest at 7% per annum such that repayment in full will be effected in four years. A gain on restructuring was recognized in the 13-month period ended September 30, 2013 in the amount of \$133,754. Effective March 1, 2013, payments were suspended and the outstanding balances have been postponed in favour of the Company's bank. On September 25, 2015

approximately \$332,002 of this debt was converted to shares of the company as part of a larger debt-to-equity transaction, as below.

On September 25, 2015, the Company concluded a debt conversion whereby \$892,025 of certain existing debt was converted into 2,688,484 Common Shares at an agreed conversion price of \$0.29 per share. Of this amount, \$807,215 was owed to related parties. The share price on September 25, 2015 was \$0.28 per share, resulting in a gain on debt conversion of \$26,885. These Common Shares were subject to a hold period ending January 26, 2016. Share capital increased by \$726,629, which is net of share issue costs of \$26,146.

# **Proposed Transactions and Subsequent Events**

As at June 30, 2017, there were no significant assets or business acquisitions or dispositions being considered by the Company, other than the sale of an office building at 3096 Carp Road, which closed on July 4, 2017 for net proceeds of \$652,800.

# Inter-Corporate Relationships

BluMetric has one wholly owned subsidiary, WESA Tecnologias S.A. de C.V., located in El Salvador.

# Summary of Outstanding Shares and Dilutive Instruments

The Company currently has the following shares and dilutive instruments outstanding:

Shares: 27,880,140 common shares

Warrants: nil

Options: 1,118,375 options

# **Financial Terms and Definitions**

#### **Definition of Additional IFRS Measures**

IFRS mandates certain minimum line items for financial statements and requires presentation of additional line items, headings, and subtotals when such presentation is relevant to an understanding of a company's financial position and performance. Because IFRS requires such additional GAAP measures, the measures are considered additional IFRS measures rather than non-IFRS measures. We believe that the measures defined here are useful for providing investors with additional information to assist them in understanding components of our financial results.

**Gross Profit.** Gross profit is calculated as gross revenue minus direct expenses and direct payroll costs. Direct expenses are certain costs we incur in the delivery of our services such as subcontractors, equipment, and other expenditures that are recoverable directly from our clients. Direct payroll costs include the cost of salaries and related fringe benefits for employees

within the operating groups. We monitor our gross margin percentage levels to ensure that they are within the established acceptable range for the profitability of our operations.

#### **Definition of Non-IFRS Measures**

This Management Discussion and Analysis includes reference to and uses terms that are not specifically defined in IFRS and do not have any standardized meaning prescribed by IFRS. These non-IFRS measures may not be comparable to similar measures presented by other companies. We believe that the measures defined here are useful for providing investors with additional information to assist them in understanding components of our financial results.

**EBITDA.** EBITDA represents net income before interest expense, income taxes, depreciation of property and equipment, and amortization of intangible assets. We use this measure as part of our assessment of our operating performance. There is no direct comparable IFRS measure for EBITDA.

**Adjusted EBITDA.** Adjusted EBITDA additionally excludes items that are significant and irregular (such as the sale of a building or goodwill impairment), non-cash based (such as share-based compensation), or non-operational in nature (such as foreign exchange gains and losses).

Management believes that Adjusted EBITDA as defined above is an important indicator of our ability to generate liquidity through operating cash flow to fund future working capital needs, service outstanding debt and fund future capital expenditures and uses the metric for this purpose. Adjusted EBITDA is also used by investors and analysts for valuation purposes. The intent of the Adjusted EBITDA is to provide additional useful information to investors and analysts and the measure does not have any standardized meaning under IFRS. Adjusted EBITDA should therefore not be considered in isolation or used in substitute for measures of performance prepared in accordance with IFRS. Other issuers may calculate Adjusted EBITDA differently.

# Management's Responsibility for Financial Reporting

The consolidated condensed interim financial statements of BluMetric Environmental Inc. and all the information in this Management Discussion and Analysis have been prepared by management, which is solely responsible for the integrity and fairness of the data presented, including the many amounts, which due to necessity, are based on estimates and judgments. The accounting policies followed in the preparation of these consolidated condensed interim financial statements conform to International Financial Reporting Standards. When alternative accounting methods exist, management has chosen those that it deems most appropriate in the circumstances. Financial information presented throughout this report is consistent with that in the consolidated financial statements.

BluMetric maintains systems of internal accounting and administrative controls to provide reasonable assurance that the financial information is relevant, reliable and accurate and that transactions are authorized, assets are safeguarded and proper records are maintained.

The Board of Directors is responsible, principally through its Audit Committee, for ensuring that management fulfills its financial reporting responsibility.

# **Additional Information**

Additional information on the Company can be found at <a href="www.blumetric.ca">www.blumetric.ca</a> and at <a href="www.sedar.com">www.sedar.com</a>.