



Trading Symbols (TSX-V: LM; OTC: LMDCF)

151 Bloor St West  
Suite 703  
Toronto, Ontario  
Canada M5S 1S4  
Tel : 416.927.7000  
Fax : 416.927.1222  
[www.lingomedia.com](http://www.lingomedia.com)

## **Lingo Media Corporation**

**Form 51 – 102 F1**

### **Management Discussion & Analysis**

**For the Year Ended December 31, 2017**

**April 30, 2018**

# MANAGEMENT DISCUSSION & ANALYSIS FOR THE YEAR ENDED DECEMBER 31, 2017

## Notice to Reader

*The following Management Discussion & Analysis ("MD&A") of Lingo Media Corporation's (the "Company" or "Lingo Media") financial condition and results of operations, prepared as of April 30, 2018, should be read in conjunction with the Company's Condensed Consolidated Interim Financial Statements and accompanying Notes for the years ended December 31, 2017 and 2016, which have been prepared in accordance with International Financial Reporting Standards are incorporated by reference herein and form an integral part of this MD&A. All dollar amounts are in Canadian Dollars unless stated otherwise. These documents can be found on the SEDAR website [www.sedar.com](http://www.sedar.com).*

*Our MD&A is intended to enable readers to gain an understanding of Lingo Media's current results and financial position. To do so, we provide information and analysis comparing the results of operations and financial position for the current period to those of the preceding comparable three-month period. We also provide analysis and commentary that we believe is required to assess the Company's prospects. Accordingly, certain sections of this report contain forward-looking statements that are based on current plans and expectations. These forward-looking statements are affected by risks and uncertainties that are discussed in this document and that could have a material impact on prospects. Readers are cautioned that actual results could vary.*

## Cautions Regarding Forward-Looking Statements

*This MD&A contains certain forward-looking statements, which reflect management's expectations regarding the Company's results of operations, performance, growth, and business prospects and opportunities.*

*Statements about the Company's future and intentions, results, levels of activity, performance, goals or achievements or other future events constitute forward-looking statements. Wherever possible, words such as "may," "will," "should," "could," "expect," "plan," "intend," "anticipate," "believe," "estimate," "predict," or "potential" or the negative or other variations of these words, or similar words or phrases, have been used to identify these forward-looking statements. These statements reflect management's current beliefs and are based on information currently available to management as at the date hereof.*

*Forward-looking statements involve significant risk, uncertainties and assumptions. Many factors could cause actual results, performance or achievements to differ materially from the results discussed or implied in the forward-looking statements. These factors should be considered carefully, and readers should not place undue reliance on the forward-looking statements. Although the forward-looking statements contained in this MD&A are based upon what management believes to be reasonable assumptions, the Company cannot assure readers that actual results will be consistent with these forward-looking statements. These forward-looking statements are made as of the date of this MD&A, and the Company assumes no obligation to update or revise them to reflect new events or circumstances, except as required by law. Many factors could cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements, including: general economic and market segment conditions, competitor activity, product capability and acceptance, international risk and currency exchange rates and technology changes. More detailed assessment of the risks that could cause actual results to materially differ than current expectations is contained in the "Quantitative and Qualitative Disclosures of Market Risk" section of this MD&A.*

## **Summary Description of Lingo Media**

Lingo Media (“Lingo Media,” the “Company,” “we” or “us”) is an EdTech company that is ‘*Changing the way the world learns Languages*’ through the combination of education with technology. The Company is focused on online and print-based technologies and solutions through its two subsidiaries: Lingo Learning Inc. (Lingo Learning”) and ELL Technologies Ltd. (“ELL Technologies”). Through its two distinct business units, Lingo Media develops, markets and supports a suite of English language learning solutions consisting of web-based software licensing subscriptions, online and professional services, audio practice tools and multi-platform applications. The Company continues to operate its legacy textbook publishing business from which it collects recurring royalty revenues.

Lingo Media’s two distinct business units include ELL Technologies and Lingo Learning. ELL Technologies is a web-based educational technology (“EdTech”) English language learning training and assessment company that creates innovative software-as-a-service elearning solutions. Lingo Learning is a print-based publisher of English language learning textbook programs in China. The Company has formed successful relationships with key government and industry organizations, establishing a strong presence in China’s education market of more than 500 million students. Lingo Media is extending its global reach, with an initial market expansion into Latin America and continues to expand its product offerings and technology applications.

Lingo Media has undertaken a business transition which began to gather momentum in 2015. The Company has continued to invest in language learning and leveraged its industry expertise to expand into more scalable education-technology. Recent product initiatives have allowed us to expand the breadth of our language learning product offerings and reinforced the belief that the web-based EdTech learning segment continues to present a significant opportunity for long-term value creation. Customers in this market have demands that recur each year, creating a higher likelihood of return business and more predictable revenue opportunity. This demand profile also fits well with our suite of products and increasingly recognizable ELL Technologies brand.

Lingo Media continues to focus on software and content development to address market needs within the government, academic and corporate training sectors.

### **Operational & Corporate Highlights**

- Online English Language Learning:
  - ✓ completed the Spanish localization of *English for Success* program, a series of lessons and activities derived from *ELL Library*
  - ✓ completed the development of ELL Technologies’ new online Mandarin course
  - ✓ advanced the marketing and sales of *English For Success*, a premium solution for governments and educational institutions
  - ✓ Initiated and advanced development of our Learning Access Point (*ELL LAP*)
  - ✓ entered into a strategic alliance with HP Inc. (NYSE: HPQ) for Latin American to market and sell ELL Technologies’ suite of learning programs to HP’s customer base, channel partners and through their education portal

- Print-Based English Language Learning:
  - ✓ expanded the existing market for PEP Primary English program into additional provinces within China
  - ✓ published revised editions of People’s Education Press’ Chinese As A Second Language textbook program for international markets
- Appointed Robert Martellacci, who is the founder and president of MindShare Learning Technology & C21 Canada to the board of Lingo Media

Our ability to configure our extensive library of lessons enables us to offer a more customizable solution to our clients without incurring the costs associated with a customized solution. We initiated development of our Learning Access Point (*ELL LAP*) solution to merge high-speed ubiquitous wireless access with blended learning. The *ELL LAP* is a device pre-loaded with our educational software that creates a wireless local network and brings connectivity to the classroom without the need to connect online to an ISP.

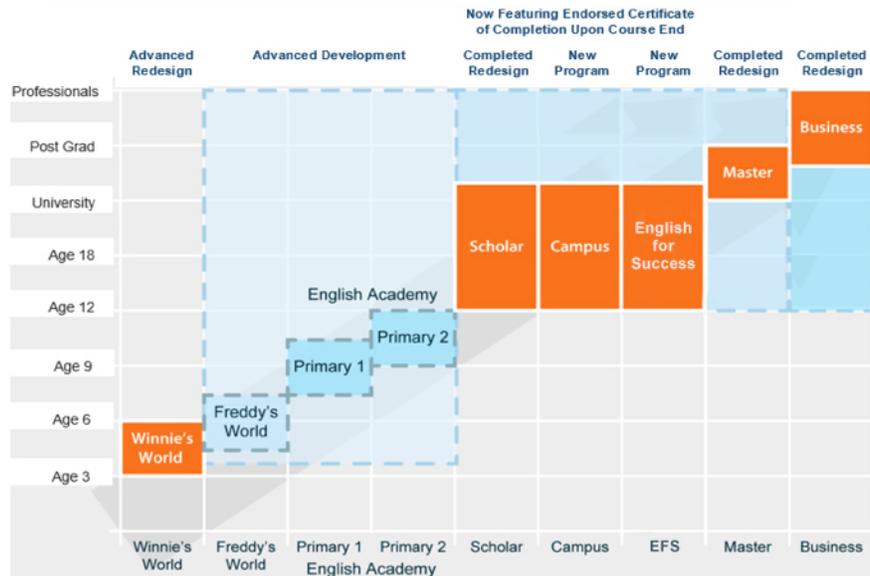
### **Online English Language Learning**

ELL Technologies, acquired in 2010, now offers more than 2,000 hours of interactive learning through a number of product offerings that include *Winnie’s World*, *English Academy*, *Scholar*, *Campus*, *English for Success*, *Master* and *English for Success* (targeting Corporations), in addition to offering custom solutions. ELL Technologies is primarily marketed in Latin America through a network of distributors and earns its revenues from licensing and subscription fees from its suite of web-based language learning products and applications.



ELL Technologies had an extensive existing product line which required substantial revisions in the technology platform and user interface. Over the past three years, our development team has engineered an eLearning platform and has been introducing new products to the market since the beginning of 2015, integrating cutting-edge technologies, solutions, content and pedagogy.

ELL Technologies’ high-tech, easy to implement elearning software-as-a-service solutions have positioned the Company to teach the world English. As a result of ongoing investment into product development, we are able to provide learners of all ages and levels of English proficiency with a platform to further their language learning development. See our “Correlation Table” below:



The horizontal axis contains our product line and correlates to the vertical axis which contains the ages and levels of proficiency that the product has been designed for.

To summarize our 2017 product development achievements to date, we have:

- completed the Spanish localization of *English for Success* program, a series of lessons and activities derived from *ELL Library*
- completed the development of ELL Technologies' new online Mandarin course
- initiated and advanced development of our Learning Access Point (*ELL LAP*)

All our products have been designed for our proprietary learning management system which completes the suite of products and allows ELL Technologies to market and sell to academic institutions, governments and corporations. Educators who license the platform will be able to easily create, convert, edit, and arrange lessons and courses as they see fit.

Formative assessments and data gathering functionality allows us to adapt and improve content. Based on that data, we are able to program iterations to address specific problem areas and to make learning more accessible, efficient and measurable. Built for learners, by learners, we empower educators and allow them to easily transition from pure classroom paper-based teaching to the online world.

### ***Print-Based English Language Learning***

The Company continues to maintain its legacy textbook publishing business through Lingo Learning, a print-based publisher of English language learning programs in China since 2001. Lingo Learning has an established presence in China's education market of over 300 million students. To date, it has co-published more than 600 million units from its library of program titles.

### **Revenue Recognition Policy**

Lingo Learning earns royalty revenues from its key customer, People's Education Press and People's Education & Audio Visual Press (collectively "PEP"), who are China's State Ministry of Education's publishing arm, on the following basis:

- Finished Product Sales – PEP prints and sells Lingo Learning's English language training programs to provincial distributors in China; and

- Licensing Sales – PEP licenses Lingo Learning's English language training programs to provincial publishers who then print and sell the programs to provincial distributors in China.

Lingo Learning earns significantly higher royalties from Licensing Sales compared to Finished Product Sales.

In accordance with the co-publishing agreements between PEP and Lingo Learning, PEP pays to Lingo Learning a royalty on sales of textbooks and supplemental products called Finished Product Sales. In addition, PEP pays to Lingo Learning a percentage of their royalties earned on actual revenues called Licensing Sales. PEP provides Lingo Learning with sales reconciliations on a semi-annual basis, as their reporting systems are not able to provide quarterly sales information. Revenue is recognized upon the confirmation of such sales and when collectability is reasonably assured.

Royalty revenues from PEP's audiovisual-based products are recognized quarterly upon the confirmation of sales, and when collectability is reasonably assured. Royalty revenues are not subject to right of return or product warranties. Revenue from the sale of published and supplemental products is recognized upon delivery and when the risk of ownership is transferred and collectability is reasonably assured.

ELL Technologies has fully-integrated Parlo and Speak2Me into its offerings, and it earns training revenue by developing and hosting online English language learning solutions for its customers, both off the shelf and customized solutions. Revenue is recognized upon delivery of the online courses to the end client through its distributor and when collectability is reasonably assured.

When the outcome of a contract cannot be reliably estimated, all contract related costs are expensed and revenues are recognized only to the extent that those costs are recoverable. When the uncertainties that prevented reliable estimation of the outcome of a contract no longer exist, contract revenue and expenses are recognized using the percentage of completion method.

### **Overall Performance**

During 2017, Lingo Media recorded revenues of \$2,776,768 as compared to \$3,195,221 in 2016 a decrease of 13%. Net loss was \$6,261,382 as compared to net income of \$64,247 in 2016 resulting in a \$0.18 loss per share as compared to \$0.00 per share in 2016. The loss is primarily due to a write-down of intangible assets of \$2,087,700 and development costs of \$2,692,009 in addition to recording an allowance for bad debts of \$732,254. At the same time, selling general and administrative costs were \$1,368,153, compared to \$1,364,736 in 2016. The Company recorded share-based payments of \$371,513 as compared to \$Nil in 2016. In addition, cash generated in operations in 2017 was \$84,702 as compared to \$61,229 cash used in 2016.

### ***Online English Language Learning***

ELL Technologies earned revenue from its portfolio of products of \$1,088,197 for the year, compared to \$1,456,421 in 2016, a decrease of 25%. The decrease in revenue is a result of extended sales cycles in securing contracts and time shifting of the sales pipeline.

### ***Print-Based English Language Learning***

Lingo Media earned royalty revenue of \$1,688,571 in 2017 compared to \$1,738,800 in 2016 from People's Education Press and People's Education & Audio Visual Press, a decrease of 3%. This decrease is due to foreign exchange fluctuation, a decrease in both the Chinese RMB and the Canadian Dollar vs. the US Dollar.

## **Market Trends and Business Uncertainties**

Lingo Media believes that the global market trends in English language learning are strong and will continue to grow at a rapid pace. Developing countries around the world, specifically in Latin America and Asia are expanding their mandates for the teaching of English amongst students, young professionals and adults.

The British Council suggests that there are 1.6 Billion people learning English globally. English language learning products and services are a US\$56.3 Billion global market according to Ambient Insight, who also forecasts digital English learning expenditures to account for US\$3.1 Billion in 2018.

Markets and Markets forecasts the global EdTech market to grow from US\$43.27 Billion in 2015 to US\$93.76 Billion to 2020, or at a CAGR of 16.72%.

GSV Advisors forecasted digital English learning product expenditures to be US\$2.5 Billion (or 7.3%) of the global market by 2016, with Latin America representing approximately US\$260.9 Million of that figure. Students attending English language training (“ELT”) classes in Latin America accounted for approximately 14 per cent of worldwide revenues, or US\$321-million in 2013. Growth has been very rapid in the region and represents a particularly strong opportunity moving forward relative to other geographic regions. The remaining market for ELT is largely concentrated in Europe, the Middle East and Africa (45 per cent of revenues or US\$1.04-billion) and the Asia Pacific region (35 per cent of revenues or US\$825-million).

Lingo Media is uniquely positioned to take advantage of the market opportunity for teaching English in Latin America and Asia, with its scalable web-based learning technology and solutions. Although the market outlook remains positive, there can be no assurance that this trend will continue or that the Company will benefit from this trend.

## **General Financial Condition**

As at December 31, 2017 Lingo Media had working capital of \$523,065 compared to working capital of \$2,977,918 as at December 31, 2016. Net loss for the year ended December 31, 2017 was \$6,261,382 compared to net profit of \$64,247 for the year ended December 31, 2016. The loss is primarily due to a write-down of intangible assets and goodwill of \$2,087,700 and development costs of \$2,692,009 in addition to recording an allowance for bad debts of \$732,254.

## ***Financial Highlights***

<b>For the Year Ended December 31</b>	<b>2017</b>	<b>2016</b>
Revenue		
Print-Based English Language Learning	\$1,688,571	\$1,738,800
Online English Language Learning	1,088,197	1,456,421
	2,776,768	3,195,221
Net Profit (Loss) for the Year	(6,261,382)	64,247
Earnings per Share		
Basic	\$(0.18)	\$0.00
Fully Diluted	\$(0.18)	\$0.00
Total Assets	1,534,072	7,176,192
Working Capital / (Deficit)	523,065	2,977,918
Cash Provided (used) – Operations	84,702	(61,229)

The Company had cash on hand as at December 31, 2017 of \$327,434 (2016 - \$84,303) and accounts receivable of \$970,467 (2016 - \$3,044,928) to settle its current liabilities of \$980,318 (2016 - \$731,159) leaving a working capital balance of \$523,065 (2016 - \$2,977,918).

## **Results of Operations**

During the year, Lingo Media earned \$1,088,197 in online licensing sales revenue as compared to \$1,456,421 in 2016, a decrease of 25%. The decrease in revenue is a result of extended sales cycles in securing contracts and time shifting of the sales pipeline.

Revenues from Print-Based English language learning for the period were \$1,688,571 compared to \$1,738,800 in 2016 as a result of foreign exchange fluctuations in the Chinese RMB and Canadian Dollar vs. the US Dollar. Direct costs associated with publishing revenue are relatively modest and have been consistent throughout the years. The Company continues to maintain its relationship with PEP and is investing in the development of its existing and new programs and marketing activities to maintain and increase its royalty revenues.

During 2017, Lingo Media recorded revenues of \$2,776,768 as compared to \$3,195,221 in 2016 a decrease of 13%. Net loss was \$6,261,382 as compared to net income of \$64,247 in 2016 resulting in a \$0.18 loss per share as compared to \$0.00 per share in 2016. The loss is primarily due to a write-down of intangible assets and goodwill of \$2,087,700 and development costs of \$2,692,009 in addition to recording an allowance for bad debts of \$732,254.

### ***Selling, General and Administrative***

Selling, general and administrative expenses were \$1,368,153 compared to \$1,364,736 in 2016. Selling, general and administrative expenses for the two segments are segregated below.

#### ***(i) Print-Based English Language Learning***

Selling, general and administrative cost for print-based publishing decreased from \$739,224 in 2016 to \$679,905 in 2017 due to the decreases in sales, marketing and admin, travel, rent and corporate development offset against an increase in consulting fees & salaries, professional fees and an increase in government grants. The following is a breakdown of selling, general and administrative costs directly related to print-based English language learning:

<b>For the Year Ended December 31</b>	<b>2017</b>	<b>2016</b>
Sales, marketing & administration	\$ 98,152	\$ 185,511
Consulting fees & salaries	435,039	351,581
Travel	45,164	81,485
Premises	83,550	126,632
Corporate development	83,625	158,922
Professional fees	166,788	64,787
Less: Grants	(232,413)	(229,694)
	<b>\$ 679,905</b>	<b>\$ 739,224</b>

#### ***(ii) Online English Language Learning***

Selling, general and administrative costs related to online English language learning was \$688,248 for the year compared to \$625,512 in 2016. Selling, general and administrative costs for this business unit increased in 2017 as compared to 2016, which included the increase of sales, marketing and admin expenses, and professional fees.

<b>For the Year Ended December 31</b>	<b>2017</b>	<b>2016</b>
Sales, marketing & administration	\$ 177,126	\$ 29,001
Consulting fees & salaries	252,720	312,329
Travel	41,407	57,917
Premises	48,000	48,000
Corporate development	53,892	133,613
Professional fees	115,103	44,652
	\$ 688,248	\$ 625,512
<b>Total Selling and Administrative Expenses</b>	<b>\$ 1,368,153</b>	<b>\$ 1,364,736</b>

## Net Income

Total comprehensive loss for the Company was \$6,223,195 for the year ended December 31, 2017 as compared to total comprehensive income \$124,420 in 2016. Total comprehensive loss can be attributed to the two operating segments as shown below:

<b>Online ELL</b>	<b>2017</b>	<b>2016</b>
Revenue	\$ 1,088,197	\$ 1,456,421
Expenses:		
Direct costs	134,695	167,597
General & administrative	688,248	625,512
Bad debt expense	732,254	-
Amortization of property & equipment	1,322	682
Amortization of development costs	1,051,928	1,003,485
Development costs	2,692,009	-
Loss on acquisition	80,818	-
Impairment loss - goodwill	139,618	-
Impairment – intangible assets	1,948,081	-
Income taxes and other taxes	180	805
	7,469,153	1,798,081
<b>Segmented Profit /(Loss) - Online ELL</b>	<b>(6,380,956)</b>	<b>(341,660)</b>
<b>Print-Based ELL</b>		
Revenue	1,688,571	1,738,800
Expenses:		
Direct costs	90,923	217,787
General & administrative	679,905	739,224
Amortization of property & equipment	5,322	6,615
Income taxes and other taxes	177,842	186,900
	953,992	1,150,526
<b>Segmented Profit – Print-Based ELL</b>	<b>734,579</b>	<b>588,274</b>
<b>Total Segmented Profit</b>	<b>(5,646,377)</b>	<b>246,614</b>

<b>Other</b>		
Foreign exchange	(189,783)	(146,599)
Interest and other financial expenses	(53,709)	(35,768)
Share-based payment	(371,513)	-
Other comprehensive income	(1,410)	60,173
	(616,415)	(122,194)
<b>Total Comprehensive Income</b>	<b>\$ (6,262,792)</b>	<b>\$ 124,420</b>

### **Foreign Exchange**

The Company recorded foreign exchange loss of \$189,783 as compared to \$146,599 in 2016, relating to the Company's currency risk through its activities denominated in foreign currencies as the Company is exposed to foreign exchange risk as a significant portion of its revenue and expenses are denominated in Chinese Renminbi and US Dollars.

### **Share-Based Payments**

The Company amortizes share-based payments with a corresponding increase to the contributed surplus account. During the year, the Company recorded an expense of \$371,513 compared to \$ Nil in 2016.

### **Net Profit (Loss) for the Year**

The Company reported a net loss of \$6,261,382 for the year as compared to net profit of \$64,247 in 2016. The loss per share is \$0.18 per share and is primarily due to a write-down of intangible assets and goodwill of \$2,087,700 and development costs of \$2,692,009 in addition to recording an allowance for bad debts of \$732,254.

### **Total Comprehensive Income (Loss)**

The total comprehensive income is calculated after the application of exchange differences on translating foreign operations gain/ (loss). The Company reported a total comprehensive loss of \$6,262,792 for the year ended December 31, 2017, as compared to a comprehensive income of \$124,420 in 2016. The loss is primarily due to a write-down of intangible assets and goodwill of \$2,087,700 and development costs of \$2,692,009 in addition to recording an allowance for bad debts of \$732,254.

### **Summary of Quarterly Results**

	Q1 – 17	Q2 – 17	Q3 – 17	Q4 – 17
Revenue	\$ 597,977	\$ 1,068,915	\$ 354,914	\$ 754,962
Income / (Loss) Before Taxes and Other Comprehensive Income	9,864	43,122	(473,026)	(5,663,320)
Total Comprehensive Income / (Loss)	3,727	42,392	(475,632)	(5,833,279)
Income / (Loss) per Share (Basic)	\$0.00	\$0.00	(\$0.013)	(\$0.18)
	Q1 – 16	Q2 – 16	Q3 – 16	Q4 – 16
Revenue	\$ 756,858	\$1,549,397	\$152,657	\$ 736,309
Income / (Loss) Before Taxes and Other Comprehensive Income	63,503	767,805	(581,710)	2,353
Total Comprehensive Income / (Loss)	111,788	624,319	(563,241)	(48,446)
Income / (Loss) per Share (Basic)	\$0.00	\$0.02	\$(0.016)	(\$0.00)

## **Liquidity and Capital Resources**

As at December 31, 2017, the Company had cash of \$327,434 compared to \$84,303 in 2016. Accounts and grants receivable of \$970,467 were outstanding at the end of the year compared to \$3,044,928 in 2016. With 84% of the receivables from PEP and the balance due from ELL Technologies' customers, the Company does not anticipate an effect on its liquidity. Total current assets amounted to \$1,503,383 (2016 - \$3,709,077) with current liabilities of \$980,318 (2016 - \$731,159) resulting in working capital of \$523,065 (2016 - \$2,977,918).

Lingo Learning receives government grants based on certain eligibility criteria for publishing industry development in Canada and for international marketing support. These government grants are recorded as a reduction of general and administrative expenses to offset direct expenditure funded by the grant. The Company receives these grants throughout the year. The grant is applied based on Lingo Learning meeting certain eligibility requirements. The Company has relied on obtaining these grants for its operations and has been successful at securing them in the past, but it cannot be assured of obtaining these grants in the future.

Lingo Media has access to working capital through equity financings or debt financings, if required to finance its growth plans and expansion into new international markets. The Company has been successful in raising sufficient working capital in the past.

### ***Off-Balance Sheet Arrangements***

The Company has not entered into any off-balance sheet finance arrangements.

### ***Contractual Obligations***

Future minimum lease payments under operating leases for premises and equipment are as follows:

2018	217,393
2019	212,734
2020	212,734
2021	37,256

### ***Transactions with Related Parties***

The Company's key management includes Michael Kraft, President & CEO, Gali Bar-Ziv, COO, Khurram Qureshi, CFO in addition to Board Directors and the Secretary of the Board.

The Company had the following transactions with related parties, made in the normal course of operations, and accounted for at an amount of consideration established and agreed to by the Company and related parties.

The Company charged \$52,001 (2016 - \$33,020, 2015 - \$8,000) to two corporations with one director in common for rent, administration, office charges and telecommunications.

Key management compensation was \$360,023 (2016 - \$480,577, 2015 - \$424,111) and is reflected as management fees and commissions paid to corporations owned by a director and officers of the Company, of which, \$3,121 (2016 - \$ Nil, 2015 - \$241,331) is unpaid and included in accounts payable and accrued liabilities. Options granted to key management during the year are \$508,000 (2016 - \$nil, 2015 - \$nil).

At the year end, the Company had an unsecured bridge loan payable bearing interest at 12% per annum due to a corporation controlled by an officer of the Company in the amount of \$150,000 (2016 - \$50,000, 2015 - \$480,000). Interest expense related to these loans is \$4,586 (2016 - \$351, 2015 - \$43,200).

## Additional Disclosure

### *Intangibles*

	<b>Software &amp; Web Development</b>	<b>Content Platform</b>	<b>Content Development</b>	<b>Total</b>
Cost, January 1, 2016	\$ 8,631,006	\$ 1,477,112	\$ 1,288,495	\$ 11,396,613
Additions	613,163	-	1,185,525	1,798,687
Effect of foreign exchange	(5,081)	-	-	(5,081)
Cost, December 31, 2016	9,239,088	1,477,112	2,474,020	13,190,219
<b>Cost, December 31, 2017</b>	<b>\$ 9,239,088</b>	<b>\$ 1,477,112</b>	<b>\$ 2,474,020</b>	<b>\$ 13,190,219</b>
	<b>Software &amp; Web Development</b>	<b>Content Platform</b>	<b>Content Development</b>	<b>Total</b>
Accumulated depreciation, January 1, 2016	\$ 7,622,225	\$ 1,477,112	\$ 91,532	\$ 9,190,868
Charge for the period	611,865	-	391,620	1,003,485
Effect of foreign exchange	(4,144)	-	-	(4,144)
Accumulated depreciation, December 31, 2016	8,229,946	1,477,112	483,152	10,190,210
Charge for the year	557,124	-	659,777	1,379,520
Impairment	452,018	-	1,496,064	1,948,082
<b>Accumulated amortization, December 31, 2017</b>	<b>\$ 9,239,088</b>	<b>\$ 1,477,112</b>	<b>\$ 2,474,020</b>	<b>\$ 13,190,219</b>
<b>Net book value, December 31, 2016</b>	<b>\$ 1,009,142</b>	<b>\$ -</b>	<b>\$ 1,990,867</b>	<b>\$ 3,000,009</b>
<b>Net book value, December 31, 2017</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

The Company began commercial production and sale of its services and products during 2009. In 2017, the Company continued to focus on completing its suite of ELL Technologies' products and invested \$Nil (2016 - \$1,798,687). The ELL Technologies' suite of products includes five different programs, each designed to suit the needs of different demographic groups. Although the full suite of product is not yet complete, the Company has started the commercial production and sale of four of these products.

### *Property and Equipment*

Cost, January 1, 2016	\$ 188,421
Additions	8,632
Disposal	(114,624)
Effect of foreign exchange	(1,716)
Cost, December 31, 2016	\$ 80,713
Additions	9,923
Disposal	-

Effect of foreign exchange	(849)
<b>Cost, December 31, 2017</b>	<b>\$ 89,787</b>
Accumulated depreciation, January 1, 2016	\$ 159,542
Charge for the period	7,297
Disposal	(117,294)
Effect of foreign exchange	3,680
Accumulated depreciation, December 31, 2016	\$ 53,225
Charge for the year	6,644
Disposal	-
Effect of foreign exchange	(771)
<b>Accumulated depreciation, December 31, 2017</b>	<b>\$ 59,098</b>
<b>Net book value, December 31, 2016</b>	<b>\$ 27,488</b>
<b>Net book value, December 31, 2017</b>	<b>\$ 30,689</b>

### ***Disclosure of Outstanding Share Data***

As of April 30, 2018, the followings are outstanding:

Common Shares	–	35,529,192
Warrants	–	Nil
Stock Options	–	3,999,000

### **Approval**

The Directors of Lingo Media have approved the disclosure contained in this MD&A.

### **Additional Information**

Additional information relating to the Company can be found on SEDAR at [www.sedar.com](http://www.sedar.com).