



Slide deck to be distributed at tthe 11 am meeting

1 message

Reggie Middleton <reggie@veritaseum.com>

Tue, Jul 25, 2017 at 8:13 AM

To: Earl Chapman <earl@echapmangroup.com>, Cc: Ungad Chadda [REDACTED] Victoria Caguiat
<[REDACTED]> Masiah Middleton <masiah@veritaseum.com>

Good morning Victoria, Ungad, Masiah and Earl! I hope you are having a pleasant start to your day. Victoria, attached is a PDF slide deck that I would like to be sent to the attendants of today's 11 am meeting with Veritaseum. If you would be so kind as to forward a copy to the attendants via their preferred delivery methods (print or email) in time for them to peruse it before the meeting, it would be greatly appreciated. I apologize for the very short notice.

Cordially,
Reggie Middleton
Disruptor-in-Chief



1460 Broadway
New York, NY 10036
212-257-0003 Office
718-407-4751 Cellular

About Reggie Middleton:

Sizzle reel https://www.youtube.com/watch?v=_sJ0p8u1tsQ

Wikipedia: https://en.wikipedia.org/wiki/Reggie_Middleton

LinkedIn: <https://www.linkedin.com/in/reggiemiddleton>

About Veritaseum - an interactive presentation: https://docs.google.com/presentation/d/1FMyNvogofqojqG6nkIjgvvjAnsWs1qOtKUFExvtp_m0/pub?start=false&loop=false&delayms=3000&slide=id.p

Introducing the P2P economy (scroll down to see the content): <https://blog.veritaseum.com/index.php/34-projects/51-the-peer-to-peer-economy>

Pathogenic Finance Research Report (contains patent application research): <https://blog.veritaseum.com/index.php/download/research/send/4-research/313-pathogenic-finance>

Pathogenic Finance Video (synopsis of the above): https://youtu.be/_vf8-HI78pM



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1 message

Ungad Chadda <ungad.chadda@tmx.com>

Tue, Jul 25, 2017 at 8:57 AM

To: Reggie Middleton <reggie@veritaseum.com>, Earl Chapman [REDACTED], Victoria Caguiat [REDACTED], Masiah Middleton <masiah@veritaseum.com>

Cc: John Lee <[REDACTED]>, Dani Lipkin <[REDACTED]>

Consider it done. I have also copied Dani and John who will be with us for our wipeboard lunch today.

Cheers.

Ungad Chadda
President, Capital Formation
Equity Capital Markets
TMX Group Limited
[REDACTED]
[REDACTED]

Sent from my BlackBerry Passport on the Rogers network.

From: Reggie Middleton

Sent: Tuesday, July 25, 2017 8:13 AM

To: Earl Chapman; Cc: Ungad Chadda; Victoria Caguiat; Masiah Middleton

Reply To: Reggie Middleton

Subject: Slide deck to be distributed at tthe 11 am meeting

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1 message

Victoria Caguiat [REDACTED]

Tue, Jul 25, 2017 at 3:19 PM

To: Reggie Middleton <reggie@veritaseum.com>, Earl Chapman <earl@echapmangroup.com>

Cc: Ungad Chadda [REDACTED]

Good Afternoon Reggie & Earl,

It was very nice to see you both today, I hope your meeting went well and wish you safe travels home.

Ungad would like to schedule a follow-up call in 2 weeks. Please let me know if you would be available at any of the following times:

Tuesday August 8th at 3:30pm

Wednesday August 9th at 1:00pm or 2:00pm

Friday August 11th at 11:00am or 1:00pm

Thank you,

Victoria Caguiat | Executive Assistant to the President
Capital Formation | Equity Capital Markets | TMX Group Limited
[REDACTED] 130 King Street West, Toronto Ontario M5X 1J2

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WIP



**Potential for Joint-Venture (JV) between
Veritaseum LLC & TMX Group**

July 2017

- Veritaseum was founded in December 2013 with formal incorporation in May 2014 by Reggie Middleton as a predecessor of UltraCoin technology
- Veritaseum is a corporation formed to exploit modern cryptography in the field of finance, economics and value transfer transaction
- It is a P2P capital market platform which removes brokerages, banks and traditional exchanges
- Veritaseum is a software concern, not a financial concern and no actors on its platform are exposed to its balance sheet in any way, nor thus Veritaseum holds, control or have the ability to frustrate excess to any participants capital

Veritaseum

Token Info	
ICO	25 th April 2017
Total Supply	100 million Veri
Trading Platform	Ethereum

The Core Team
REGGIE MIDDLETON <i>CEO, Founder</i>
PATRYK DWORZNIK <i>Lead Engineer</i>
MANISH KAPOOR <i>Lead Analyst</i>

- ❑ Veritaseum **utilizes smart contracts and blockchain technologies** to enable individuals and entities to transact directly with each other in a peer-to-peer fashion, with capital escrowed to the blockchain contingent upon smart contract enforced, mutually agreed terms
- ❑ Veritaseum allows **non-technical individuals** and entities to quickly create, enter and manage smart contracts directly with others without an authoritative third party
- ❑ Veritas was the **first of its kind** written on public or private blockchain
- ❑ Veritaseum has **global (US, UK, EU, China, Japan) patents pending** for the application of its technology for P2P letters of credit and P2P value trading
- ❑ Since 2013, Veritaseum has a **live beta** on Bitcoin public blockchain
- ❑ Recently, Veritaseum entered into a **Joint-Venture (JV) with Jamaica Stock Exchange** to form Digital Asset Exchange. It is expected that this exchange will be live on or before 31st August, 2017

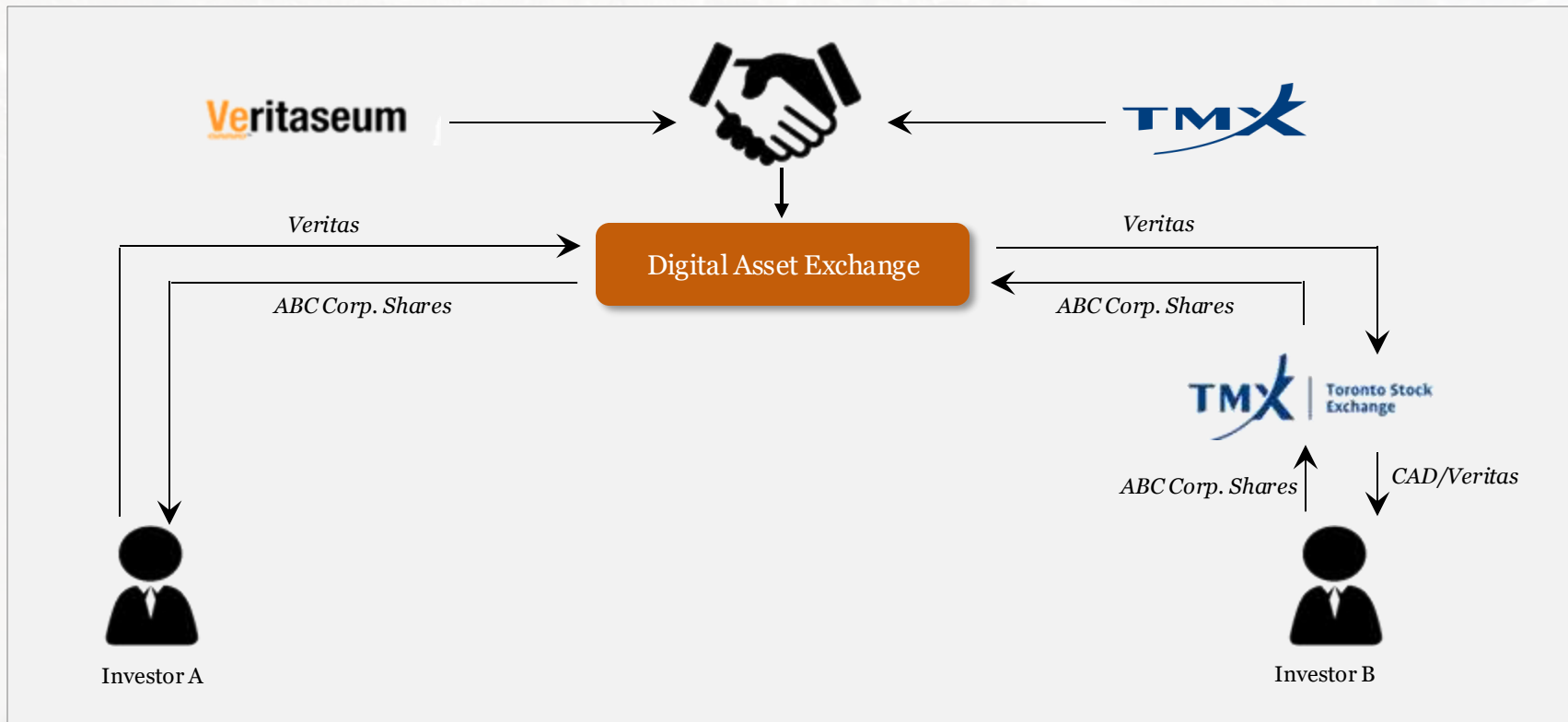
THE PROPOSED JOINT-VENTURE

Veritaseum LLC & TMX Group

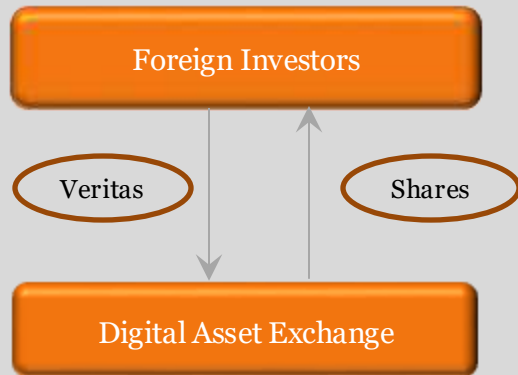
WIP

taseumTM

- The proposed JV between Veritaseum LLC and TMX Group will create a Digital Asset Exchange
- Through the Digital Asset Exchange it will become easy for foreign investors holding Veritas token to invest in Canada
 - *For example:* Investor A sitting in Malaysia wants to buy ABC Corp. shares then he will go to Digital Asset Exchange and change his Veritas tokens for ABC Corp. shares. Digital Asset Exchange will contact Toronto stock exchange and see if someone is willing to sell ABC Corp. shares for Veritas or CAD



Larger access to international investment community



Through the JV, TMX can get access to the larger international investor community where foreign investors can invest directly through Veri from anywhere in the world

Increase in the number of IPO listing



As the trade volume and liquidity increases, more and more companies are expected get attracted to get listed in the Exchange.

Increase in number of listing of foreign companies



More and more foreign companies would like to get listed in an exchange where the number of investors are more resulting in higher trading volume and liquidity.

Increased liquidity (of stocks that have lower volumes)



Liquidity of Stocks

With the help of Veri, the liquidity of companies having lower volume will increase, as the JV will help in increasing the number of trades in the Exchange

Increase in trading of bonds and derivatives



Veri can become a pivotal source for increase in the number of trading of Bonds and Derivatives, as Veri will help in attracting more and more foreign investors

Reduce number of delisting cases



Number of delisting companies

A company generally gets delisted when it is not able to generate sufficient trades in order to raise desired capital. As foreign investors might be interested to invest in companies with lower share price, the chances of getting delisted might reduce. Also, Veritaseum will have special turnaround plans for such distress companies

Trade could be made possible - 24x7

Trading Hours



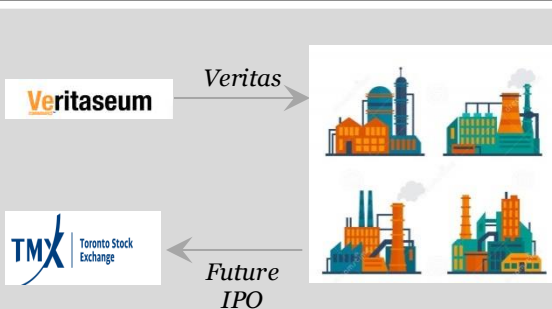
Monday to Friday
9:30 am to 4:00 pm

Digital Asset Exchange

24*7

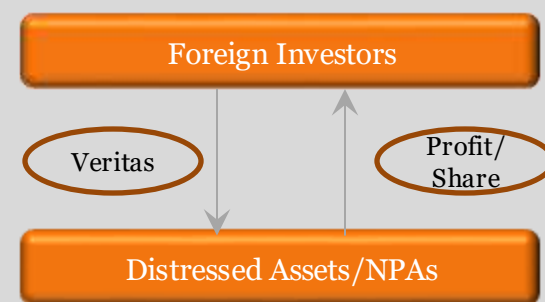
With the adaption of Veri and access to foreign investors, the Exchange can operate 24*7.

Higher liquidity into unlisted assets / unlisted companies



Veritaseum will invest into unlisted assets/unlisted companies through Veritas token, thus increasing the liquidity of these companies. In future, those unlisted companies might go for IPO through Toronto Stock exchange leading to an additional revenue for TMX

Increase in asset restructuring (particularly for NPAs, distressed assets, assets with conflicts in ownership, etc.)



Veritaseum will have special turnaround plans for distressed assets/NPAs along with foreign investor community. The Exchange may get benefited from recovery of these distressed assets

TMX Group is an integrated, multi-asset class exchange group. Subsidiaries of TMX Group operates in equity and fixed income trading and clearing, Derivatives and Energy trading and clearing.

TMX Group has following subsidiaries operating in following areas:

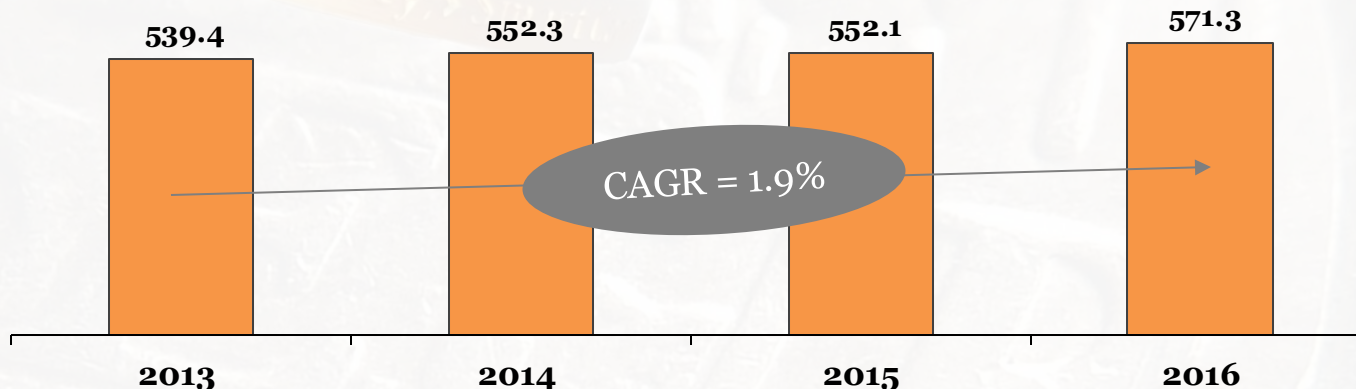
Subsidiaries	Capital Formation	Equities & fixed income trading & clearing	Derivatives trading and clearing	Energy Trading & clearing	Market Insights
Toronto Stock Exchange	✓	✓			
TSX Venture Exchange	✓	✓			
TSX Alpha Exchange		✓			
TSX Private Markets	✓				
CDS		✓			
TSX Trust	✓				
Montréal Exchange			✓		
CDCC			✓		
Shorcan		✓		✓	
NGX				✓	
TMX Datalinx					✓
TMX Insights					✓

Equity Market	2014	2015	2016
Domestic market Capitalization (US\$ million)	2,093,696.8	1,642,516.8	1,993,522.7
Number of listed companies	3,761 (including 70 foreign companies)	3,559 (including 58 foreign companies)	3,419 (including 51 foreign companies)
Newly listed/ (delisted) companies	67/ (202)	116/ (199)	30/ (213)
Number of new companies listed through IPO	55	57	26
Capital raised through IPO (US\$ million)	4,792.5	4,992.6	422.1
Number of Shares traded (million)	141,736	131,043	149,714
Value of Shares trading (US\$ million)	1,410,984.1	1,181,302.1	1,169,538.5
Average daily turnover value (US\$ million)	5,397.1	4,739.3	4,686.1
Turnover velocity of Domestic Shares	64.2%	68.9%	63.1%
Number of Derivatives listed	47	39	51
Number of ETF's listed	479	528	618
Number of Investment funds listed	101	111	96

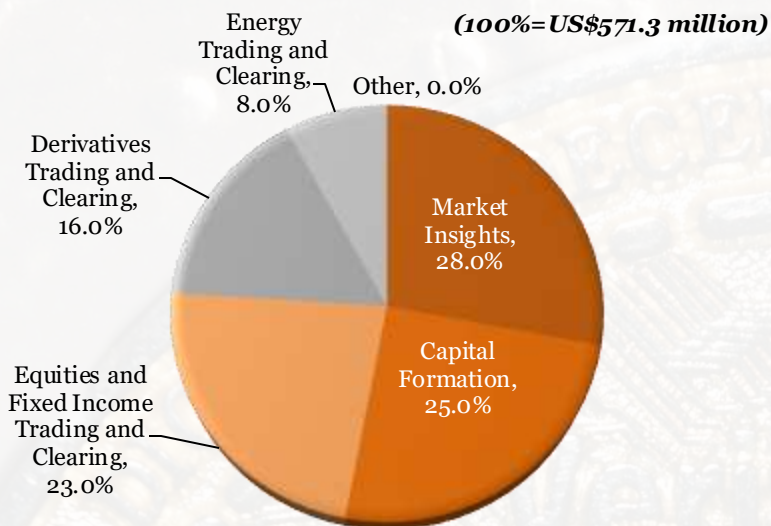
Fixed Income, Derivatives and Indicators	2014	2015	2016
Value of Bonds listed (US\$ million)	12,333.9	9,296.4	8,164.5
Number of Bonds listed	208	178	152
Stock Option (Notional Value US\$ million)	81,195.0	61,246.4	64,209.3
TSX Stock market Indexes (US\$)	12,632.7	9,384.0	11,377.2

Alternative and SME markets	2014	2015	2016
Domestic market capitalization (US\$ million)	23,250.8	16,895.8	28,765.6
Number of companies	2,347	2,183	2,033

Revenues, 2012-2016 (US\$ million)



Revenue Segment Wise, 2016

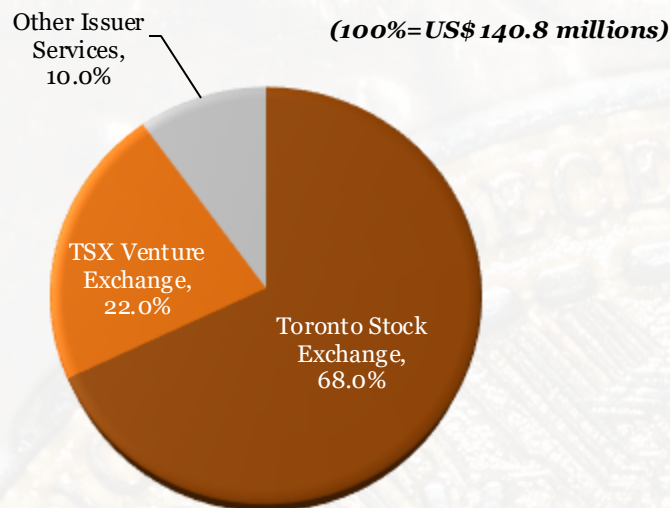


- Toronto Stock exchange generates revenues from six sources, namely - Capital formation, Equities & fixed income trading and clearing, Derivatives trading and clearing, Energy trading and clearing, Market Insights & others
- The company witnessed almost stagnant revenues during 2013-2016 (CAGR 1.9%)
- Market Insights was the major source of revenue for TMX, generating 28% of the revenues followed by Capital formation (25%) and Equities & fixed income trading (23%) and clearing (16%) in 2016

Capital Formation Breakup (in million US\$)

	2013	2014	2015	2016
Initial listing fees	11.24	9.32	7.08	6.69
Additional listing fees	59.21	67.91	59.44	69.38
Sustaining listing fees	52.51	51.13	53.90	50.51
Other issuer services	22.79	21.64	18.02	14.25
Total	145.76	150.00	138.45	140.83

Capital Formation Revenue, 2016

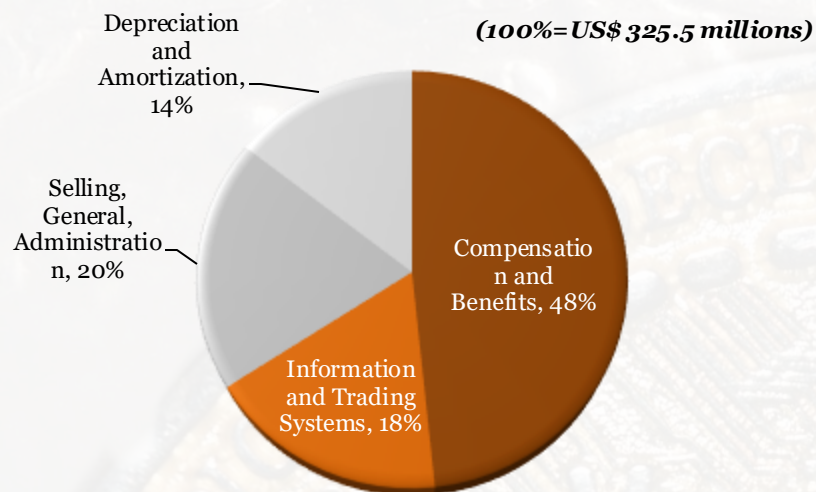


- Revenues from Capital formation segment is derived from four subsidiaries, namely Toronto Stock Exchange, TSX Venture Exchange, TSX Private Markets & TSX Trust
- Capital formation had 25% share in the revenues of TMX during 2016 out of which 68% was contributed by Toronto Stock Exchange, TSX Venture Exchange, & other issuer services
- Initial listing fees saw a decline mainly because the market conditions globally and within North America were not favorable during 2016 for initial public offerings (IPOs). According to the World Federation of Exchanges, there was a 21% decrease in IPOs in 2016 compared with 2015. Canada performed better than the global average with a 7% decline in IPOs on TSX and TSXV combined

Operating expenses before strategic re-alignment expenses (in million US\$)

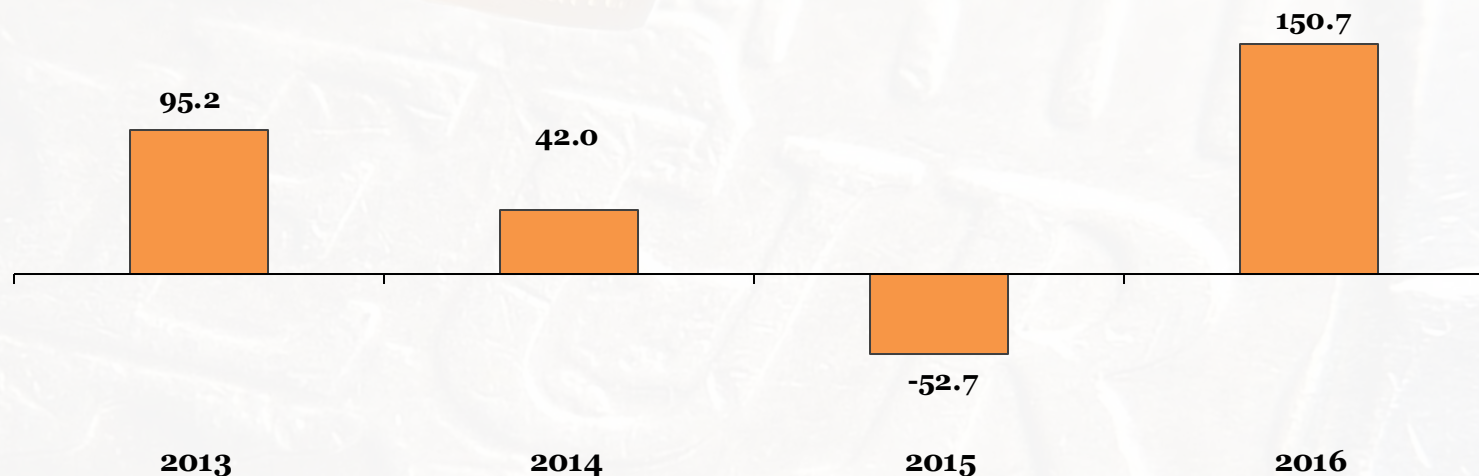
	2013	2014	2015	2016
Compensation and benefits	157.696	159.24	168.784	157.388
Information and trading systems	57.134	53.9	59.444	57.134
Selling, general and administration	70.224	70.532	64.834	63.833
Depreciation and amortization	55.902	54.131	53.13	47.124
Total	340.96	337.8	346.19	325.48

Operating Expenses Segment Wise, 2016



- Operating expenses of the Group is divided into four categories; Compensation and benefits, Information & trading systems, selling general & administration and depreciation & amortization expenses
- During 2016, compensation and benefits was the major component of operating expenses followed by selling general and administration expense, information and trading systems, depreciation and amortization , etc.
- Since 2014, TMX have reduced their employment level by approximately 250 employees, thus keeping compensation and benefits cost stagnant

Net Income (Loss), 2012-2016 (US\$ million)



- The Company registered net losses of US\$52.8 million in 2015 due to impairment charges. The company incurred an impairment charge US\$ 104.80 million and US\$ 170.71 million in 2014 and 2015 , respectively.
- In 2015, the Company incurred an impairment charge as there was a net loss attributable to TMX Group shareholders driven by non-cash impairment charges related to Capital formation (listings), Equity trading and derivatives (BOX) and other assets
- In 2016, the Company recorded an impairment charges of US\$ 6.85 million (US\$ 6.85 million after tax) relating to TMX Atrium and AgriClear.