



Volcan Compañía Minera





Corporate Presentation



March 2017

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Strategic Location with Diversified Operations

- Nearly 75 years of mining experience
- Committed to the highest standards
 of safety & environmental protection
- A world-class producer with significant organic growth potential
- Diversified, balanced and stable production of base & precious metals
 - Five operating units, 12 mines
 - Seven concentrator plants & one lixiviation plant (Ag oxides)
- Competitive zinc & silver cash costs
- Logistical flexibility
- Constructive relationships with authorities, labor & communities

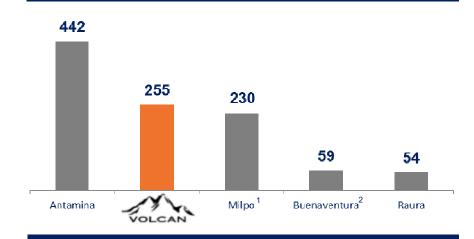


A Leading Producer of Zinc, Silver & Lead

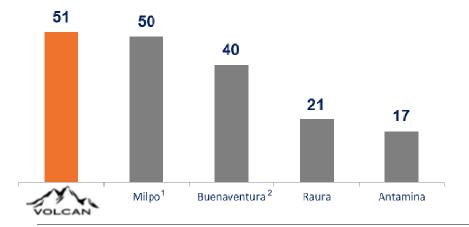
Peru Ranking – Mining Production 2017

Metal	LatAm	Global
Zinc	1	2
Lead	1	4
Silver	2	2

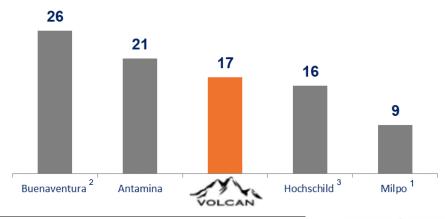
Peru Zinc Production 2017 (000 FMT)



Peru Silver Production 2017 (MM Oz)



Peru Lead Production 2017 (000 FMT)



4 Source: Peru Ministry of Energy & Mines, United States Geology Survey.

¹ Includes Atacocha. ² Includes 61% of El Brocal. ³ Considers only Peruvian Ag production (Arcata, Inmaculada & Pallancata)



A Safe Place to Work

Frequency Index

Lost-time injuries per million hours worked



Severity Index

Days lost per million hours worked

5 ¹ Source: Peru Ministry of Energy & Mines as of Nov. 30, 2017

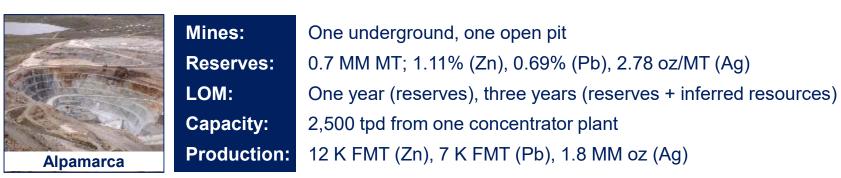


Mining Operations¹

	Min
John Strang	Res
	LON
	Сар
Yauli	Pro

ines:	Four underground, one open pit
eserves:	27.3 MM MT; 5.34% (Zn), 0.89% (Pb), 0.22% (Cu), 3.24 oz/MT (Ag)
OM:	Seven years (reserves), 16 years (reserves + inferred resources)
apacity:	11,000 tpd from three concentrator plants
oduction:	146 K FMT (Zn), 18 K FMT (Pb), 3 K FMT (Cu), 7.7 MM oz (Ag)

	Mines:	Two underground
and and	Reserves:	9.8 MM MT; 5.21% (Zn), 1.50% (Pb), 0.14% (Cu), 2.52 oz/MT (Ag)
	LOM:	Five years (reserves), 12 years (reserves + inferred resources)
	Capacity:	5,500 tpd from one concentrator plant
Chungar	Production:	88 K FMT (Zn), 23 K FMT (Pb), 2 K FMT (Cu), 3.6 MM oz (Ag)



6 ¹Life of mine (LOM) is calculated based upon proven and probable reserves plus inferred resources as of 31/12/16. Production represents total 2017 amounts.



Mining Operations¹



Mines:	Two underground, open pit
Reserves:	15.3 MM MT; 3.51% (Zn), 1.21% (Pb), 1.56 oz/MT (Ag)
Capacity:	6,000 tpd from two concentrator plants
Production:	9 K FMT (Zn), 4 K FMT (Pb), 0.4 MM Oz (Ag)

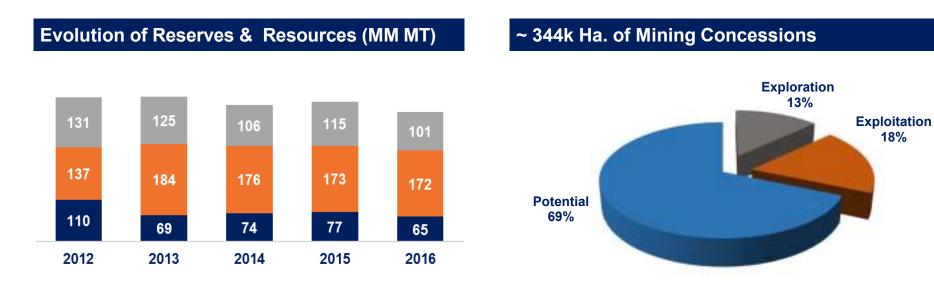
(The second seco	Feed:	Stockpiles & in-situ mineral from Raul Rojas Open Pit
P	Reserves:	12.1 MM MT; 6.25 oz/MT (Ag)
	LOM:	13 years of reserves, 19 years (reserves + inferred resources)
	Capacity:	2,500 tpd from one lixiviation plant
Oxides Plant	Production:	3.7 MM Oz (Ag), 2.9 k Oz (Au)

7 ¹Life of mine (LOM) is calculated based upon proven and probable reserves plus inferred resources as of 31/12/16. Production represents total 2017 amounts.



Solid Life of Mine (LOM)¹, Robust Geological Potential

- 8-year LOM (Reserves), 19-year LOM (Reserves + Inferred Resources)
- 9 MM FMT of Zn (Reserves + Resources)
- 798 MM ounces of Ag (Reserves + Resources)



Inferred Resources Measured & Indicated Resources Reserves

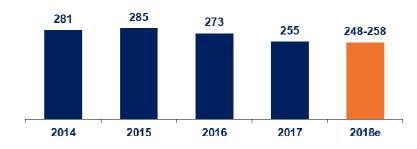
Prices used to calculate R+R 2016: Zn 2,300 USD/MT, Pb 2,100 USD/MT, Cu 5,800 USD/MT, Ag 18 USD/Oz

8 ¹Life of mine is calculated based upon proven and probable reserves plus inferred resources as of 31/12/16. Measured and indicated resources are excluded.



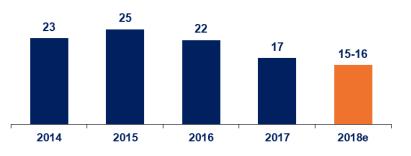
Stable Production with Operating Flexibility

Diversification among operating units & metals produced



Zinc Production (000 TMF)

Silver Production (MM Oz)





Copper Production (000 FMT) 3.4 4 ^{5 5} 3.5

2016

2017

2014

2015



2018e

Operating Cost Restructured & Reduced

Quarterly Unit Cost (USD/MT)¹



Annual Unit Cost (USD/MT)¹ -25% 53.7 49.5 47.9 47-51 2014 2015 2016 2017 2018e

Operating-cost reductions from continuous-improvement program integrated into all operating units



39% operating-cost reduction since 1Q13 (75.5 USD/MT)

Cost continued to decline in 2017

Unit cost (2018) 47-51 USD/MT (est.)

- Reduction of the mining sections at main mines
- Optimization of pumping systems, mine maintenance (shotcrete), roads & routes (interior mine), equipment maintenance costs
- Reduction & further consolidation
 of contractors
- Reduction of fixed costs & support at operating units

10 ¹Unit cost of production excludes the following costs: purchases of concentrate or mineral from 3rd-parties, extraordinary costs associated with events such as employee liquidation costs or intercompany mineral purchases.



Disciplined Capital Investment

Anual Mining CAPEX (USD MM)



Quarterly Mining Operations CAPEX (USD MM)



45% reduction in operating CAPEX (2013 – 2016) to preserve cash

52% investment **increase** in 2017 related to mine development and plants & tailings dams

2018 CAPEX related to exploration & mine infrastructure

Volcan Exploration DDH (000 Meters)

				% Var	% Var
	2016	2017	2018e	'16-'17	'17-'18
Growth	25.5	75.3	72.0	195.8	-4.4
Operations ¹	104.2	134.1	215.0	28.7	60.3
Total	129.7	209.4	287.0	61.5	37.0

11 ¹ Corresponds to all sutaining drilling (brownfield, potential, resources and infill) in operating units ² Estimated meters drilled



Mining Operations Guidance 2018

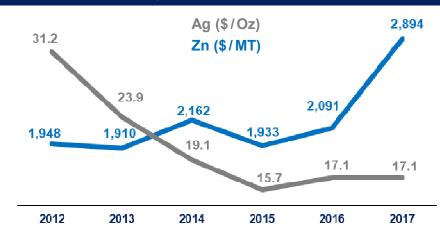
Consolidated Production		2016	2017	Var. %	Estimated 2018		
TMT (000)		7,716	8,312	7.7	7,500	-	8,500
Zinc	(000 FMT)	273	255	-6.7	248	-	258
Lead	(000 FMT)	52	51	-1.8	43	-	48
Copper	(000 FMT)	5	5	4.7	3	-	5
Silver	(MM Oz)	22	17	-21.3	15	-	16
Gold	(000 Oz)	6	8	39.7	7	-	9
Consolida OPEX	ited	2016	2017	Var. %	Estimated 2018		
				/0		2010	
	(USD/TM)	49.5	47.9	-3.3	47	_	51
	PEX	49.5 2016	47.9 2017		47 Est	- timat 2018	51 ted
Unit Cost Mining CA	APEX			-3.3 Var.	47 Est	– timat	51 ted
Unit Cost Mining CA (MM USD)	APEX) otal	2016	2017	-3.3 Var. %	47 Est	- timat 2018	51 ted

¹ Beginning in 2018, Greenfield exploration expenses will be reflected in results.

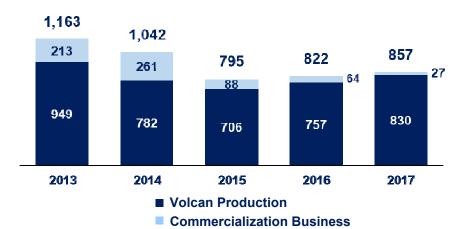


Financial Indicators

Average Spot Prices (LME)

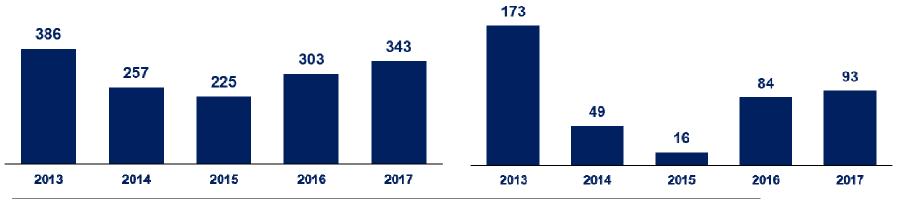


Sales (USD MM)



EBITDA¹ (USD MM)

Net Profit² (USD MM)



 ¹ EBITDA 2016 includes an extraordinary gain of USD 14.0 MM related to the partial buyback of international bonds issued in 2012.
 ² Net Profit excludes exceptional non-cash charges, such as fixed-asset and intangible impairments. In 2015 & 2017, net profit including exceptional charges 13

was USD - 454 MM & USD -478 MM, respectively.



Exceptional Adjustment 2017

- Glencore acquired 55.03% of Volcan's Class A shares in a public tender that concluded Nov. 7, 2017.
- In order to meet the accounting standards & corporate policies to enable Glencore to consolidate Volcan's financial results, Volcan recorded an exceptional charge of USD 570.2 MM in 4Q17.
- These adjustments are accounting related only and have no effect on the Company's cash flow.

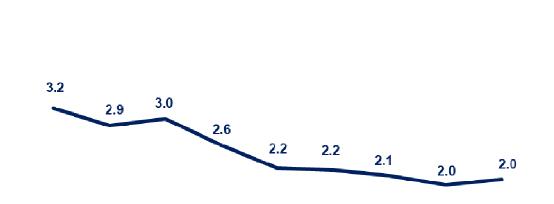
Exceptional Adjustments (USD MM)	Net Effect
Asset and intangible impairment in exploration projects	-163.7
Asset impairment at Cerro de Pasco	-155.4
Deferred tax adjustment at Cerro de Pasco	-118.5
Asset impairment at Oxides Plant	-80.6
Conversion and change in methodology in calculating deferred tax	-76.9
Other exceptional adjustments	24.9
Total	-570.2



Liquidity & Creditworthiness

- Lower leverage and increasing EBITDA
- Focused on strengthening balance-sheet

Net Debt / EBITDA (USD MM)¹



	4Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17	4Q17
Net Debt	711	693	691	696	672	672	669	654	701
EBITDA	225	237	228	267	303	300	318	335	343

* For comparison, historical Net Debt has been recalculated with the cash balance adjustment

Cash Flow 2017 (USD MM)					
Balance – Dec 2016	203				
CFO (Mining)	130				
Energy Business	5				
Taxes	1				
Growth Investment	-23				
Interest	-37				
Net Financing	-35				
Dividends	-29				
Other Investments	-53				
Cash Adjustment ²	-62				
Balance – Dec 2017	102				

15 ¹EBITDA is trailing 12 months & Net Debt is as of most-recent quarter-end. EBITDA 2016 includes an extraordinary gain of USD 14.0 MM in 2016 related to the partial buyback of international bonds issued in 2012.

² In 4Q17, cash balance was adjusted by - USD 62.4 MM after the shares of Cementos Polpaico were reclassified as financial investments.



2018 Strategy

Develop potential of current operations aggresively

- Exploration investment more than 2x 2017
 - > USD 27 MM in 2018 (aprox.)
- Increase reserves
- Develop long-term mine plans enabling:
 - > Infrastructure investment (increase productivity, reduce costs)
 - More efficient permit process
 - > Production increases
- Prioritize project development near operations, leveraging existing infrastucture
 - Romina & Carhuacayan (Alpamarca) & Zoraida, Toldorrumi, Oyama (Yauli)
- Develop polimetalic greenfield projects with important geological potential
 - Palma, Shuco, Yacucancha, Guargashmina
- Ongoing control & optimization of all variables that impact cash flow
- Reduce operating fixed & administrative costs
- Optimize debt structure
- Revise corporate structure & optimize taxes



Project Development Near Operations (1/2)

Romina (Alpamarca)

- Located 15 km from UEA Alpamarca (6,554 Ha.)
- Polymetalic PIPE & vein mineralizations
- Potential of 15 MM MT (6% 7% Zn, 2-3 oz Ag/t)
- Exploration permits approved (DIA)
- Preliminary expected production: 30 35 K FMT (Zn), 12 - 15 K FMT (Pb), 0.8 - 1.2 MM Oz (Ag)

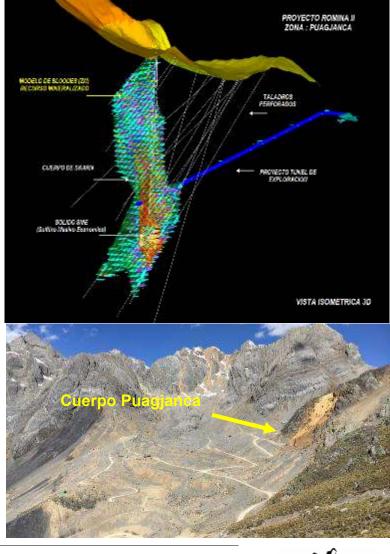
Primary Structures

Puagjanca

- 5,126 m in 14 DDH holes, with 6 MM MT estimated tonnage
- Successful results cut high-grade polymetallic ore
- 9,500 m in-fill drilling & geological model concluded
- Metallurgical test in development

Yuncán

- Two perforations cut high-grade zinc ore
- Drilling program to begin in 2018





Project Development Near Operations (2/2)





Zoraida (Yauli)

- Located 7 km South of Andaychagua
- Potentially Yauli's third mineralized system
- Exploration permits approved
- 15,000 m program to be developed in 2018

Carhuacayan (Alpamarca)

- Located 20 km East of Alpamarca
- The areas of La Tapada, which presents highgrade polymetallic mineralization, and Candelaria are being explored
- More than 20,000 m of DDH in 2017
- An additional 16,400 m DDH to be developed in 2018 to define La Tapada's morphology and evaluate new targets



Greenfield Development



Palma

- Located at the basin of the Casma Group
- Similar geotectonic environment as important deposits uch as Cerro Lindo, Perubar & Colquisiri
- 4 prospective sectors along a 6 km corridor
- 25,000 m of diamond drilling completed:
 - Current resources of 5.2 MM TM (7.19% Zn, 1.48% Pb, 1.45 oz Ag/t)
- Environmental Impact Assessment (EIA) modified to build a 1 km exploratory tunnel, expected to begin in 4Q17
- In 2017, a 7,920 m in-fill drilling program in the area of the former surface mine began
- In 2018, a new DDH program of an additional 20,000 m will begin, which will expand the mineralized resources of the project



Energy Operations

100+ MW hydroelectric energy portfolio

- 40 MW connected to the national grid
- 23 MW connected to the Chungar unit
- Additional 45 MW of development projects

Current infrastructure	Сар	acity		
13 Hydroelectric plants	63 MW			
15 Transmission lines	350 Km			
26 Electric substations	303 MVA			
Volcan Electric Balance	GWh	%		
Consumption 2017	707	100		
Self generation ¹	351 50			

Cost	USD/ MWh	Hydroelectric Projects	Capacity
Produced energy	17	Tingo Expansion	15 MW
Purchased energy	73	Chancay 2 plants	30 MW

Rucuy Hydroelectric Plant











Volcan Compañía Minera History

In 1943, Volcan Mines Company began operating the Ticlio and Carahuacra mines, and the Victoria concentrator plant.

In 1997 Volcan acquired Empresa Minera Mahr Tunel, owner of the San Cristobal and Andaychagua mines, and the concentrator plants Mahr Tunel and Andaychagua.

In 1999 Volcan acquired Empresa Minera Paragsha, which included the Cerro de Pasco mining operation.

One year later, Volcan acquired Empresa Administradora Chungar with 450 ha. of mining concessions and a 350 tpd processing plant. Today Chungar produces 5,500 tpd.

In 2014, Volcan began operations at two new units, Alpamarca and the Oxides Plant at Cerro de Pasco. Between them, these plants produced 3.3 million ounces of silver in 2014 and 6.3 million ounces in 2015.

These acquisitions, as well as mine and plant developments executed by the Company over the last 20 years, turned Volcan into one of the principal producers of zinc, silver and lead in the world.

Glencore acquired 55.03% of Volcan's Class A shares in a public tender that concluded Nov. 7, 2017.



Ticlio,1943

Volcan Compañía Minera Production Growth

PRODUCTION	1997	2017
Zinc Concentrates (000 MT)	50	493
Lead Concentrates (000 MT)	6	48
Copper Concentrates (000 MT)	-	12
Silver (MM Oz)	0.5	17



Social Responsibility & Sustainable Development

Investing in the health, education, economic development, & infrastructure of the communities in the area of influence of Volcan operations

Corporate Alliance



By 2021, Volcan and Enseña Perú will transform the educational reality of the Junín and Pasco regions by placing 20 highly skilled teachers in schools with the most needs



Corporate project, 2018 horizon

Working in cooperation with Prisma NGO, Volcan's strategic partner in health & economic development



Educational programs

- Scholarships for children of local community members
- Performance monitoring
- Specialized training in mining, administration and soft skills



Public Works for Tax Credits: Infrastructure (OPI)

- Began in 2010
- 520,000 beneficiaries
- \$126 MM committed
- Potable water, roads, education, etc.
- Volcan has 38 communities in its area of direct influence, with over 90 agreements and commitments
- USD 6 MM invested in community development in 2017
- Hiring community businesses, generating USD 52 MM of annual revenue for local economies
- Volcan is a pioneer investor in the Public Works for Tax Credits (OPI) program





Competitive Operating Cash Cost

Cook Coot	Ziı	nc (USD/M	/MT)	
Cash Cost ¹	2016	2017	var%	
Co - Product	1,375	1,765	28.4	
By - Product	911	1,314	44.2	

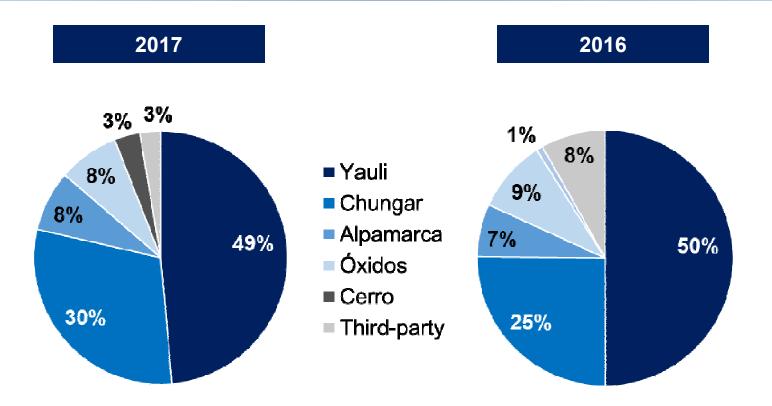
Cook Coot	Silver (USD/Oz)		
Cash Cost ¹	2016	2017	var%
Co - Product	11.3	10.4	-8.2
By - Product	2.6	-6.2	-339.5

Metal Unit		Average LME Spot Price			
Metal	Unit	2016	2017	Var %	
Zinc	USD/MT	2,091	2,894	38.4	
Silver	USD/Oz	17.1	17.1	-0.3	

24 ¹Cash costs include all costs incurred in the production and comercialization of concentrate, including production costs (excluding depreciation and amortization), commercial discounts, sales expenses and royalties.



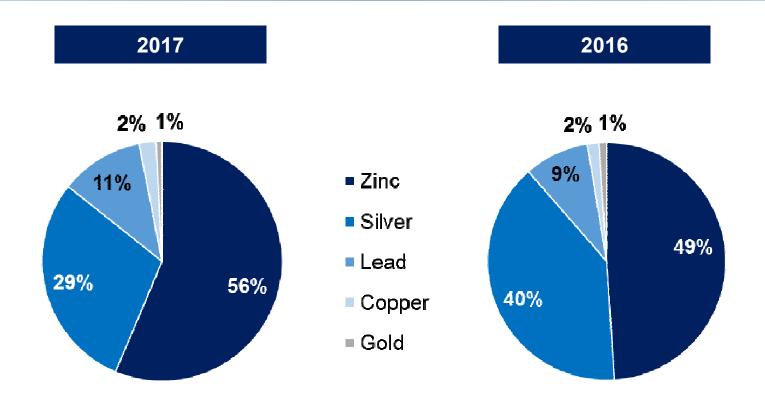
Sales Breakdown by Origin



The distribution of sales by origin reflects a decline in the contribution of third-party concentrate sales, from 8% in 2017 to 3% in 2017, and an increase in the contribution of Cerro de Pasco.



Sales Breakdown by Metal



The distribution of sales by metal in 2017 reflects the growth in the contribution of zinc and lead as a result of the increase in their prices.



Bond & Credit Ratings

International Bond Emission

- ✓ USD 600 MM issued February 2012
 - (USD 535 MM currently outstanding)
- ✓ Rate: 5.375% maturing February 2022
- ✓ Demand: USD 4.8 B

Credit Ratings

FitchRatingsBBB-Moody'sBa3



Stock Market Highlights¹

Stock Market Listings

Lima	Since	1956
Madrid (Latibex)	Since	2000
Santiago	Since	2007

Class A Shares²: Full voting rights

Shares outstanding: 1,633,414,553 Aprox. 460 shareholders

Class B Shares ²: Div. premium of 5% over Class A

Shares outstanding: 2,443,157,622 Aprox. 8,900 shareholders

Selected Institutional Shareholders of Volcan Compañía Minera S.A.A.

AFP Habitat
AFP Integra
Arca Trading Limited
Ashmore Group
BBVA
Blackrock Global Funds
Credicorp Capital

- Eaton Vance Global X Sillver Miners ETF Inteligo Ishares MSCI All Peru Capped (EPU) La Positiva Mercury Asset Management Pacífico Seguros
- Prima AFP Profuturo AFP Sura UBS Vanguard Group



28 ¹As of 31/12/17; Treasury shares (Class A + Class B) of USD 257 MM ²N° of Class A Treasury Shares: 206,107,326; N° of Class B Treasury Shares: 12,234,901



Gracias!