



Antofagasta plc

BMO Capital Markets

2020 Global Metals & Mining Conference

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Miami

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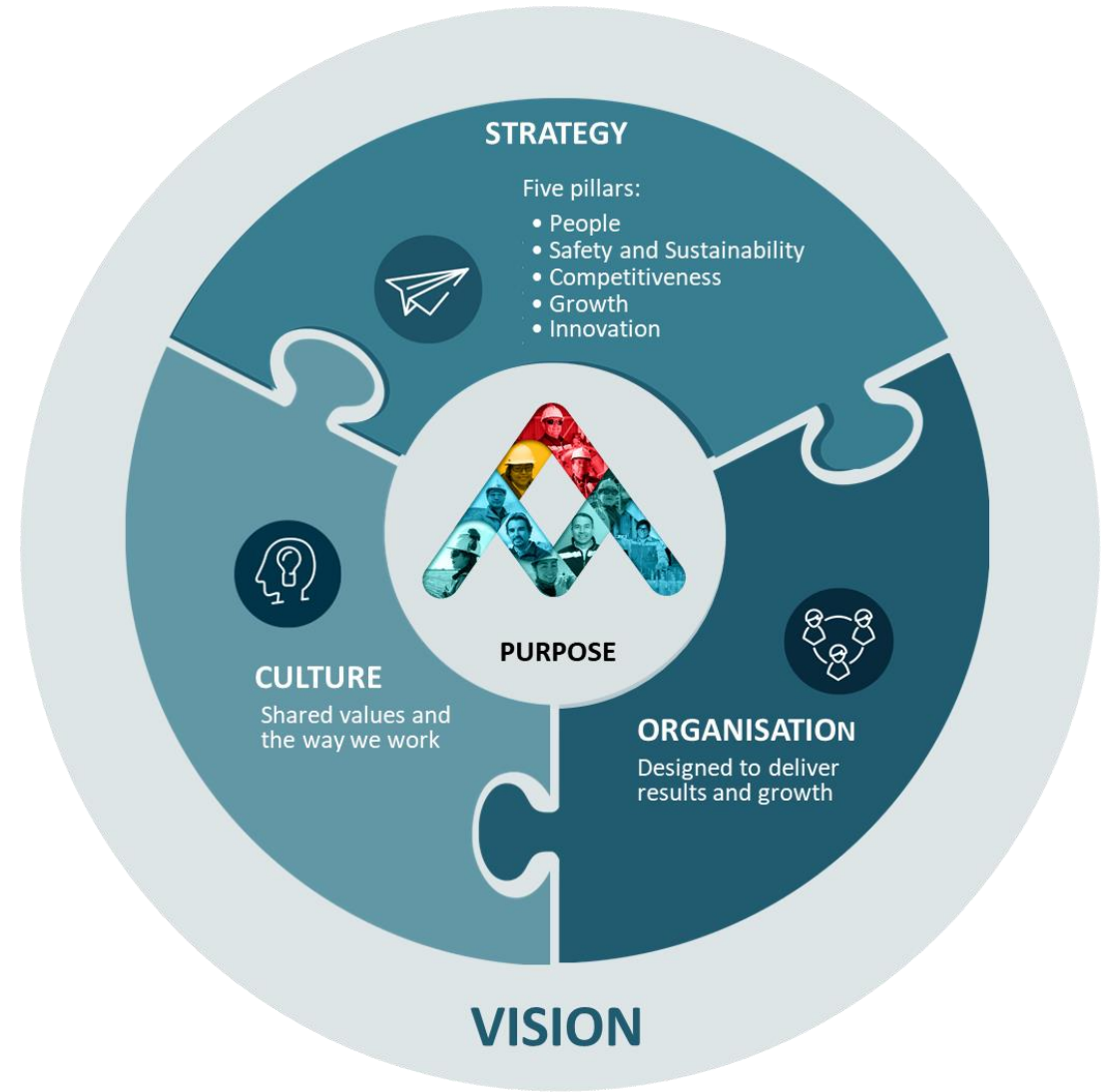
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Strategic Framework

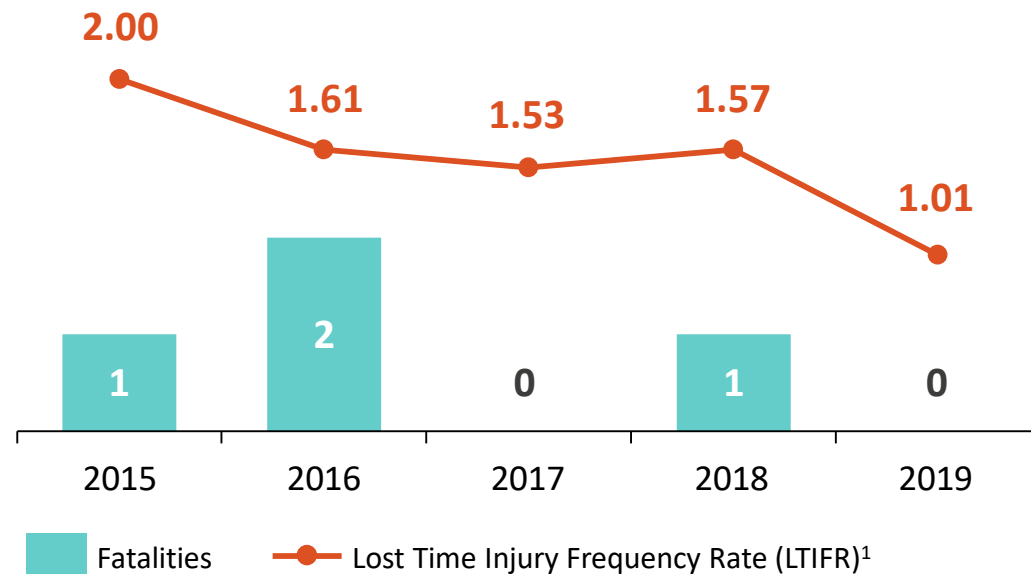
Developing
mining for a
better future



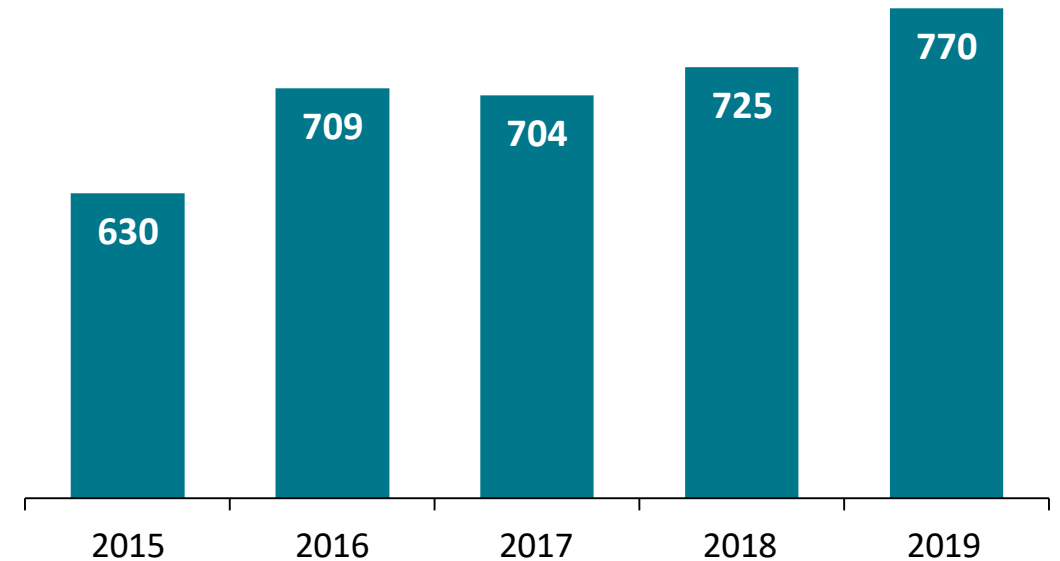
Improving operating discipline

Record year of safety performance and copper production

Safety performance



Copper production (kt)



1 Number of accidents with lost time during the year per million hours worked

Sustainability is central to everything we do

People



Zero fatalities
Safety and health model
Labour relations
Diversity and inclusion
Flexitime schemes

Economic Performance



Long term approach
High quality and long-life assets
Value over volume
Disciplined capital allocation
Shareholder returns

Social Development



Shared development, not mitigating impacts
Relationship models: 'Somos Choapa' and 'Diálogos para el Desarrollo'

Environment



Environmental management model
Use of renewable energy
Sea water use
GHG emissions target

Transparency and Corporate Governance



Risk appetite defined
Risk management
Ethics committee
Group values

2019 a record year of copper production

Group production of 770,000 tonnes at \$1.22/lb



Los Pelambres

Cu production
363,400 t
Net cash costs
\$0.91/lb

- Met production and outperformed cost guidance
- Stable and reliable operation
- Phase 1 expansion 31% complete



Centinela

Cu production
276,600 t
Net cash costs
\$1.26/lb

- Met production and outperformed cost guidance
- Higher copper grades and recoveries during the year
- Strong gold production



Antucoya

Cu production
71,900 t
Cash costs
\$2.17/lb

- Focused on optimising mine and plant operations
- Improved dust suppression and spent ore disposal
- Company's first strike resolved after 18 days



Zaldívar

Cu production¹
58,100 t
Cash costs
\$1.75/lb

- Increased throughput and reliability
- Copper grades increased



Transport

Tonnage transported
6,533 kt

- Transport volumes grew 7.7%
- Increased haulage capacity and efficiency
- New contracts signed

1 Group's 50% share

Economic growth not possible without social value creation and environmental care



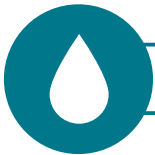
From mitigating impacts to shared development

- “Somos Choapa” and “Dialogos para el Desarrollo” programmes
- Antofagasta Region public-private Mining Cluster
- Prioritising local suppliers and employment
- Regional development



Committed to climate change mitigation

- 3% reduction of forecast GHG by 2022 (300,000 t CO₂)
- 100% renewable energy for Zaldívar from 2020 and Antucoya from 2022
- 25,000 ha of protected ecosystems



Water and tailings

- 45% of water used comes from the sea
- Currently building a desalination plant at Los Pelambres
- Thickened tailings at Centinela



Antofagasta's approach to tailings management

Minimising the social and environmental impact of our TSFs¹

Technology and innovation to
reduce water use and dust,
strengthen TSFs, and improve
monitoring and communication



Increased transparency
for communities and
government

Working in collaboration
with neighbouring
communities

El Mauro TSF at Los Pelambres

- Designed for extreme weather and severe earthquakes.
- Reviewed annually by a panel of international experts
- 85% of the water is recirculated
- **Programa Tranque project²**: Standardised system for TSF monitoring that provides early warning of any physical or chemical instability. On-line real time information for all stakeholders (mining companies, authorities and communities)

Centinela thickened tailings

- Pioneered the use of large-scale thickened tailings technology in the copper mining industry
- 73% of water recovered, compared to 62% in conventional tailings
- Required several years to optimise
- Reduced moisture content of the dam saves enough water every year to fill 2,000 Olympic swimming pools. Requires 30-40% less land area
- TSF enclosure wall and extension to be completed in Q3 2020
- Using sea water encapsulates the dust

¹ Tailings Storage Facilities

² See You Tube <https://www.youtube.com/watch?v=qGv8u7wfV30> (in Spanish)

Innovation road map

Transformational innovation - key to strategy

Strategic Initiatives

- Leaching of primary sulphides – industrial scale testing underway
- Low cost bulk material movement technologies
- Thickened tailings and real time monitoring

Online Collaboration Platform

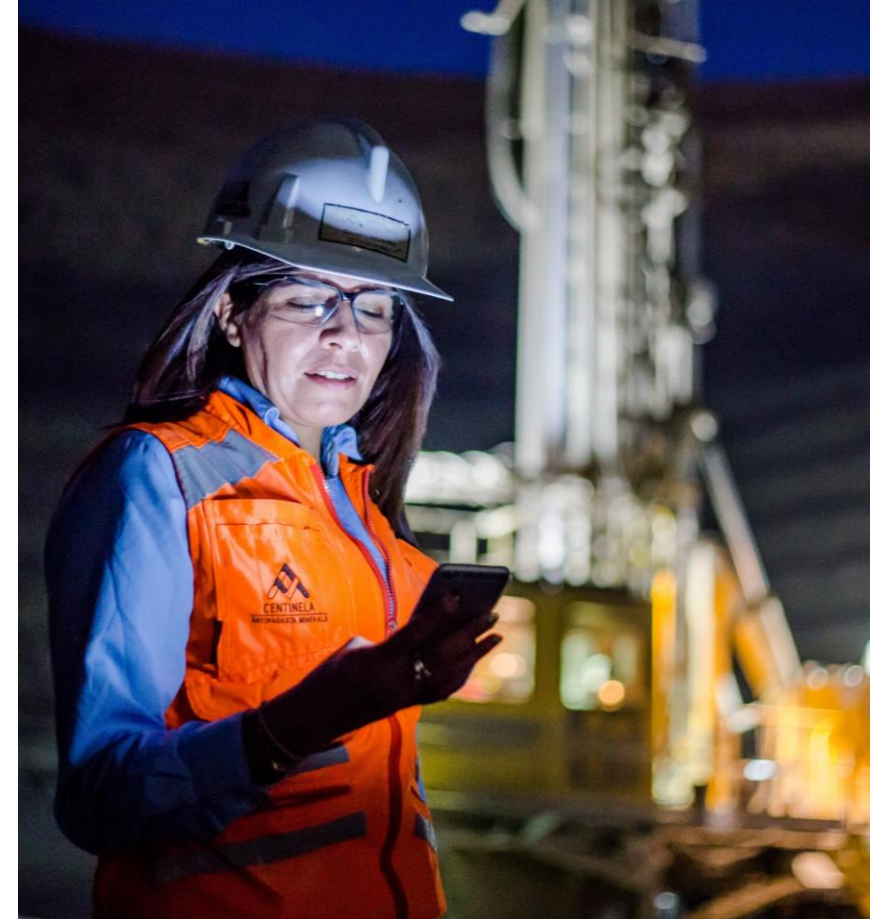
- Open online collaboration platform
- Over 20 efficiency and cost reduction initiatives in execution

Real Time Information Management & Analytics

- Remote Operations Centre in the city of Antofagasta in feasibility
- Use of data analytics for plant optimisation
- Digital transformation of key support functions' and maintenance processes

Automation & Robotics

- Remote production drilling at Los Pelambres
- Autonomous trucks at Esperanza Sur pit, Centinela
- Maintenance execution robots



Copper market volatility persists

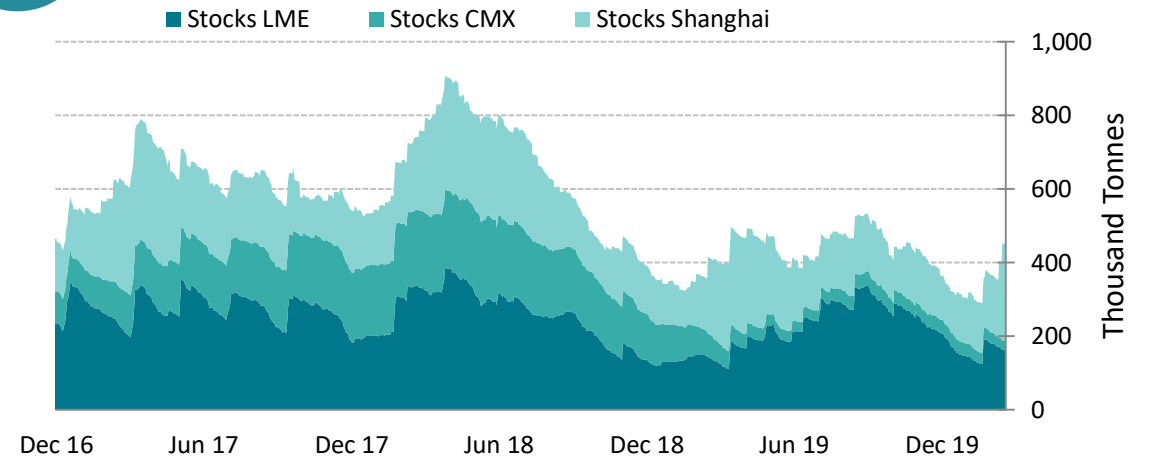


Current market position

- Long term fundamentals remain strong
- Market in balance in 2019
- Uncertainty – was due to US/China trade, now Covid-19
- Copper price down 7% this year
- Limited supply growth in 2020
- Contracted annual TC/RCs down 23%
- Occasional large inflows into exchange stockpiles



Copper exchange stocks



Longer-term factors unchanged

Demand



Urbanisation



Renewables



Electromobility

Supply



Grade decline



Increasing ESG expectations

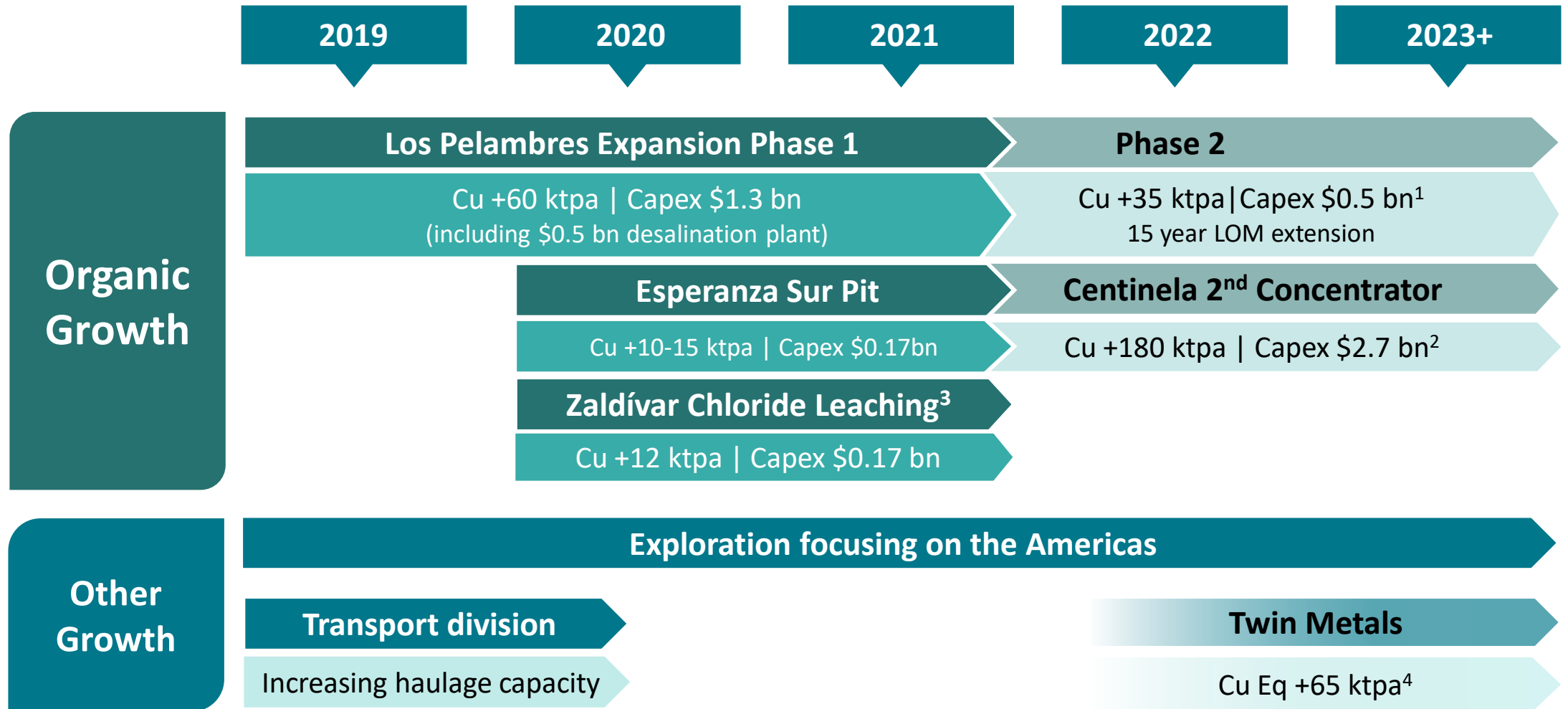


Lack of viable projects



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Organic and other growth opportunities



1 2014 Prefeasibility study
 2 2015 Prefeasibility study
 3 100%
 4 2018 Prefeasibility study

Projects under construction

Adding 80-90,000 tonnes of annual copper production

Los Pelambres Expansion - Phase I

60,000 tonnes of
additional copper

- 31% complete
- Throughput will increase by 15kt to 190kt of ore per day
- Includes additional milling and flotation capacity, and a desalination plant and pipeline
- Capex of \$1.3bn
- 100% financed with unsecured long term corporate loan

Zaldívar Chloride Leach

10-15,000 tonnes of
additional copper

- Approved December 2019
- Will increase copper recoveries by more than 10 percentage points
- Upgrade Solvent Extraction (SX) plant and the construction of additional washing ponds
- 2022 first full year of production
- Capex of \$0.19bn

Esperanza Sur Pit¹

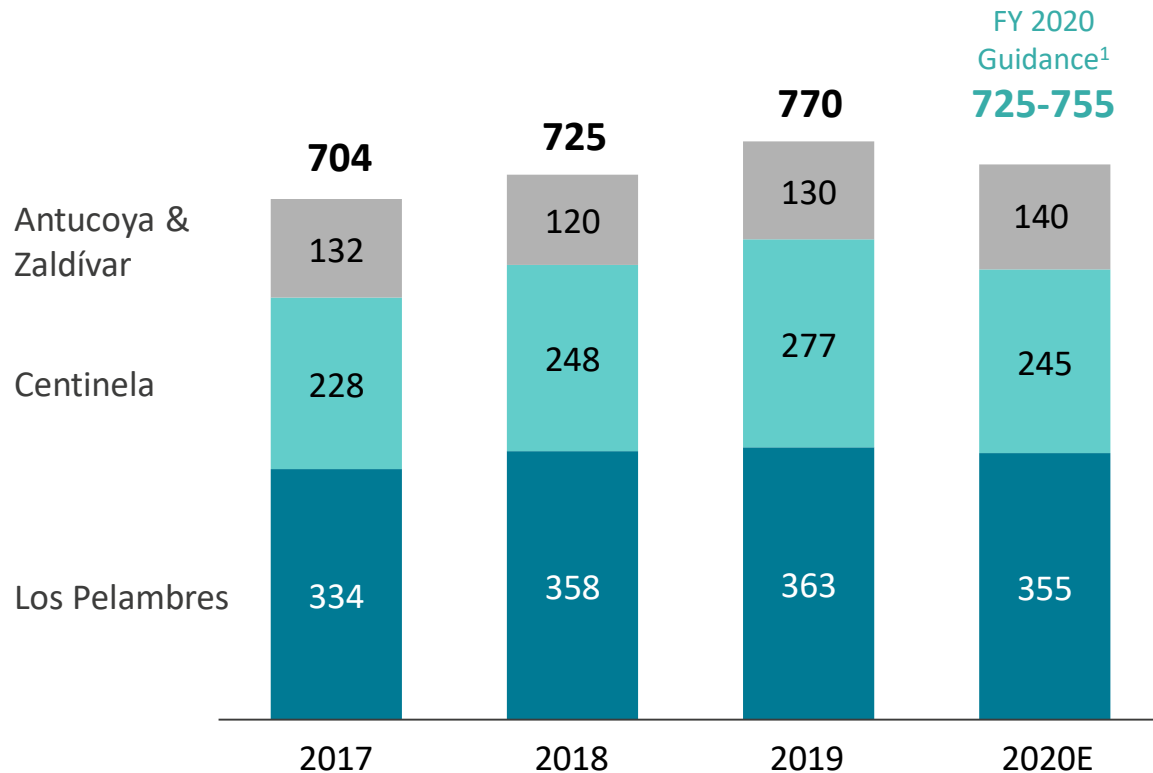
10-15,000 tonnes of
additional copper

- Approved during H2 2019
- Opening new pit at Centinela
- Deposit contains 1.4 billion tonnes of reserves
- Increased ore feed flexibility allows optimisation of plant operations
- Production starts in 2022
- Capex of \$0.17bn

1 The deposit contains 1.4 billion tonnes of reserves with a grade of 0.4% copper, 0.13 g/t of gold and 0.012% of molybdenum

2020 guidance

Copper production (kt)



Copper production

- Guidance 725-755kt
- Lower production due to lower grades, expected to reverse in 2021 as Centinela's grades increase

Cash costs

- Cash costs before by-products of \$1.70/lb
- Net cash costs of \$1.30/lb

Capital expenditure

- Total capex of \$1.5bn, including \$0.7bn on Los Pelambres expansion

¹ Includes each operation at mid-point of guidance range and Zaldívar on a 50% basis.

Our priorities for 2020



Continuing our record of zero fatalities



Sustainable long term operations



Delivering on guidance



Maintaining operating reliability and efficiency



Ensuring water availability at Los Pelambres



Mitigating risk of disruption due to social unrest in Chile



Further cost savings



Advancing growth projects



Progressing innovation portfolio



Returns to shareholders



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Investment case



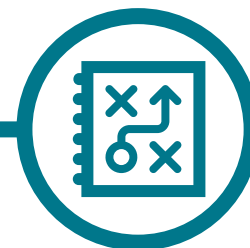
High quality assets

- Strong and growing production
- Large resource base
- Low cost and long-life assets
- Four mines in two “world-class” districts in Chile



Operating efficiency and cost control

- Cost and competitiveness programme
- Continuous productivity improvement
- Innovation for long term gains



Capital discipline

- Low net debt
- Protecting margins and profitability
- Consistent dividend policy



Robust platform

- Continuing to optimise mines
- Disciplined approach to acquisitions and disposals
- Returning cash to shareholders

CREATING VALUE FOR SHAREHOLDERS



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ANTOFAGASTA PLC

Appendix



Antofagasta at a glance

Group

- 65% owned by Luksic Group, 35% free float
- Market cap: \$11.0 billion (February 20st 2020)
- FTSE 100

Mining division¹

- Top 10 copper producer
- High quality assets with significant potential production growth
- Copper production: 770,000 tonnes
- Gold production: 282,300 oz
- Molybdenum production: 11,600 tonnes
- Net cash costs: \$1.22/lb
- All operations in Chile, one of the world's most developed and stable mining locations

Transport division¹

- Provides rail and road cargo services in Chile's Antofagasta Region
- Total tonnage transported: 6.5 million tonnes

Antucoya

- 70% owned
- Copper production¹: 72,200 t
- Remaining mine life²: 21 years
- Reserves³: 641 million t @ 0.34% Cu

Centinela

- 70% owned
- Copper production¹: 248,000 t
- Remaining mine life²: 48 years
- Reserves³: 2.2 billion t @ 0.42% Cu

Zaldívar

- 50% owned, operator
- Copper production¹: 94,600 t (100%)
- Remaining mine life²: 13 years
- Reserves³: 468 million t @ 0.46% Cu

Los Pelambres

- 60% owned
- Copper production¹: 357,800 t
- Remaining mine life²: 15 years
- Reserves³: 1.1 billion t @ 0.60% Cu, 0.019% Mo and 0.05g/t Au

Santiago

1 2019 figures
2 From 31 December 2018
3 As of 31 December 2018 on 100% basis



28%
of global
copper production

29%
of global
copper reserves

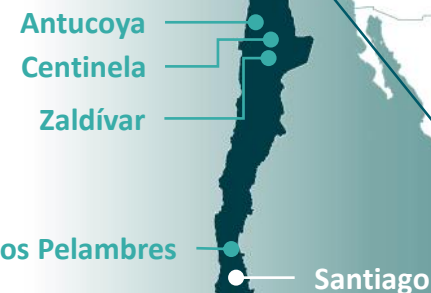
49%
of exports are
copper

Strengths and challenges

- Largest copper endowment in the world
- Copper key contributor to the economy
- History of stability with robust institutions
- OECD country
- Solid public finances and low national debt
- Moving from middle to high income economy
- To decrease income inequality

Social situation and following steps

- Oct 2019: Social unrest and demonstrations
- Apr 2020: National vote on rewriting constitution
- Oct 2020: Elect constitutional assembly members
- 12 months to propose a new constitution
- Q4 2021: National vote to approve new constitution



Key Indicators



GDP¹

\$474 bn
(PPP)



Population²

18.4
million



Per Capita GDP

1970: \$2,300
2018: \$25,800
(PPP)



Poverty rate³

1989: 47.0%
2017: 8.6%



Mining⁴

10.0% of
GDP



Principal Markets⁵

China 28%
USA 14%
EU 13%



Trade⁵

29 FTAs
(66 markets)



Inflation (CPI)⁶

2019: 3.0%

1 2018 World Bank
2 Censo 2017 Instituto Nacional de Estadísticas (INE)
3 Ministerio de Desarrollo Social (Encuesta Casen 2015)

4 Banco Central de Chile
5 Dirección General de Relaciones Económicas Internacionales Chile
6 CPI 2019: Instituto Nacional de Estadísticas (INE)

Drought in Central Chile

Context of the situation

- 2019, driest year of a 10-year drought in Choapa Valley
- Low rain and snow fall so low recharge of aquifers
- Surface and underground water availability affected

Water use at Los Pelambres

- 85% of water used is recirculated
- 15% is from the mine, and surface & underground
- Water use has been reduced further by:
 - Stronger pipeline leakage maintenance
 - Covering water storage ponds
 - Less use of the dust suppression system

Engagement with authorities and communities

- Working with authorities and communities to find ways to alleviate impact of water shortage in the short, medium and long term
- Prioritising water for human consumption
- Pumping water into the Choapa river from underground
- Minimising water losses by through maintenance of canals and waterways
- Providing food, and moving livestock to less water stressed areas



Production and metals prices

Group production¹

	2016	2017	2018	2019	2020E ¹
Copper ('000 tonnes)					
Los Pelambres	355.4	343.8	357.8	363.4	350-360
Centinela Concentrates	180.4	163.9	155.5	195.5	240-250
Centinela Cathodes	55.8	64.5	92.5	81.1	
Antucoya ⁽²⁾	66.2	80.5	72.2	71.9	80-85
Zaldívar ⁽³⁾	51.7	51.7	47.3	58.1	55-60
Group total	709.4	704.3	725.3	770.0	725-755

	2016	2017	2018	2019	2020E ¹
Gold ('000 ounces)					
Los Pelambres	57.8	55.4	63.2	59.7	50-60
Centinela	213.0	157.0	146.9	222.6	130-140
Group total	270.9	212.4	210.1	282.3	180-200

	2016	2017	2018	2019	2020E ¹
Molybdenum ('000 tonnes)					
Los Pelambres	7.1	10.5	13.3	11.2	10.0-11.0
Centinela	-	-	0.3	0.4	2.5-3.0
Group total	7.1	10.5	13.6	11.6	12.5-14.0

Metal prices

	2016	2017	2018	2019
Copper (\$/lb)				
Realised	2.33	3.00	2.81	2.75
LME	2.21	2.80	2.96	2.72

	2016	2017	2018	2019
Gold (\$/oz)				
Realised	1,256	1,280	1,256	1,416
Market	1,248	1,258	1,270	1,393

	2016	2017	2018	2019
Molybdenum (\$/lb)				
Realised	6.8	8.7	12.4	10.8
Market	6.5	8.2	11.9	11.4

Unit cash costs

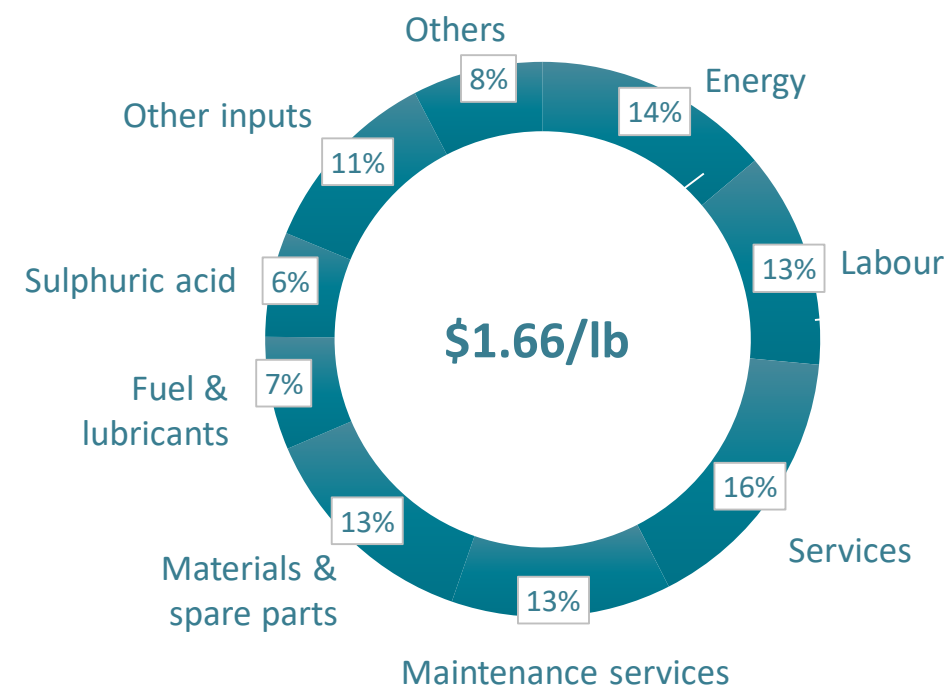
Group cash costs¹

	2016	2017	2018	2019	2020E ¹
Group cash costs (\$/lb)					
Los Pelambres	1.06	1.02	0.91	0.91	1.00
Centinela	1.19	1.36	1.51	1.26	1.50
Antucoya	1.83	1.68	1.99	2.17	1.90
Zaldívar	1.54	1.62	1.94	1.75	1.70
Cash costs before by-products credits (\$/lb)	1.54	1.60	1.72	1.65	1.70
By-products credits (\$/lb)	(0.34)	(0.35)	(0.43)	(0.43)	(0.40)
Net cash costs (\$/lb)	1.20	1.25	1.29	1.22	1.30

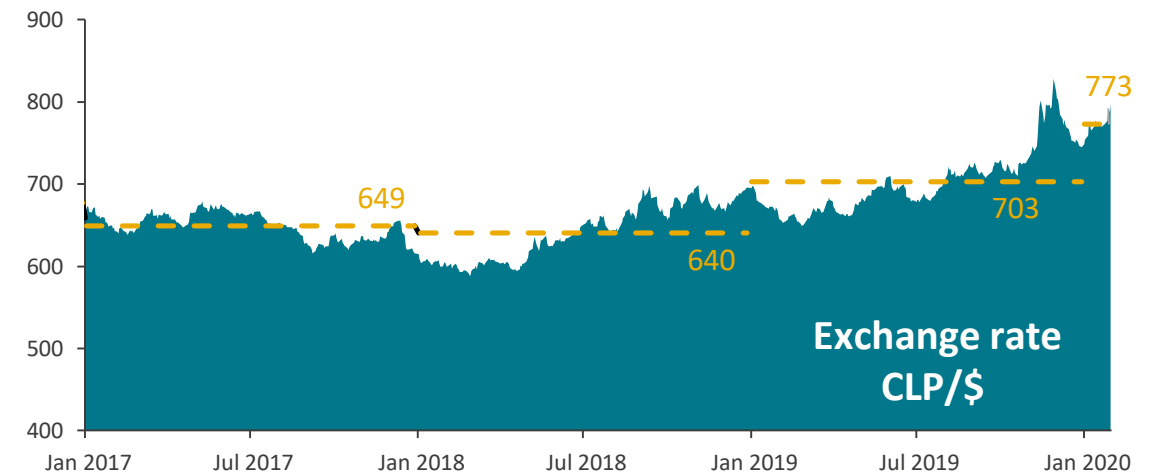
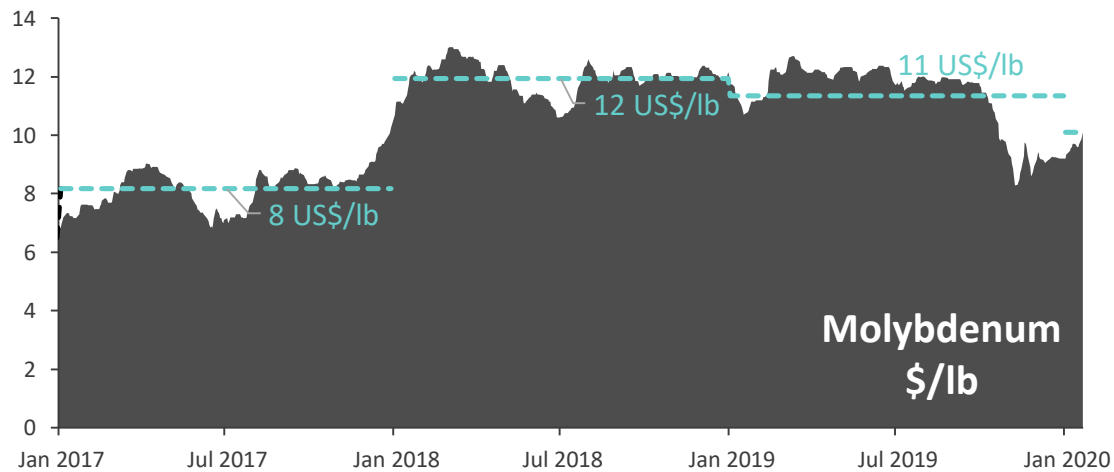
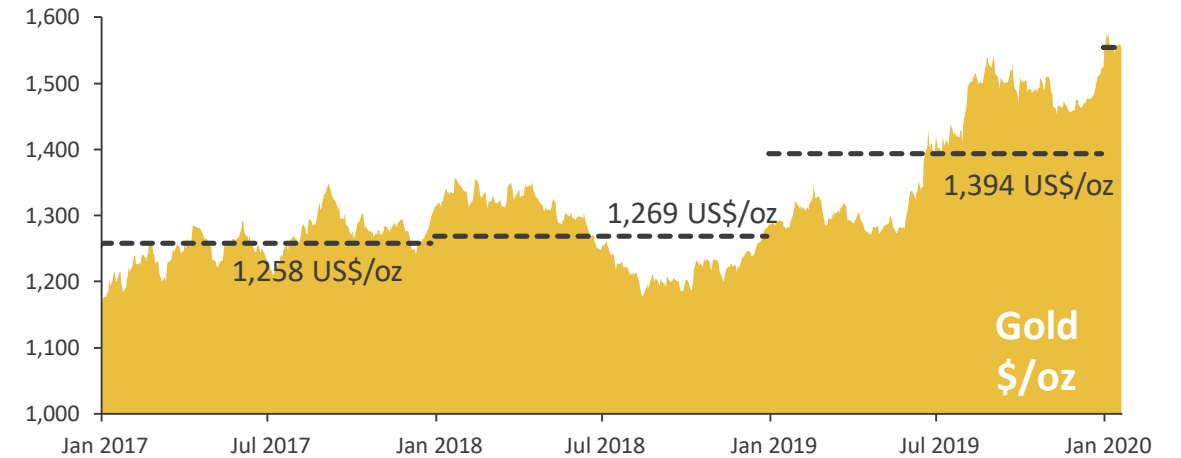
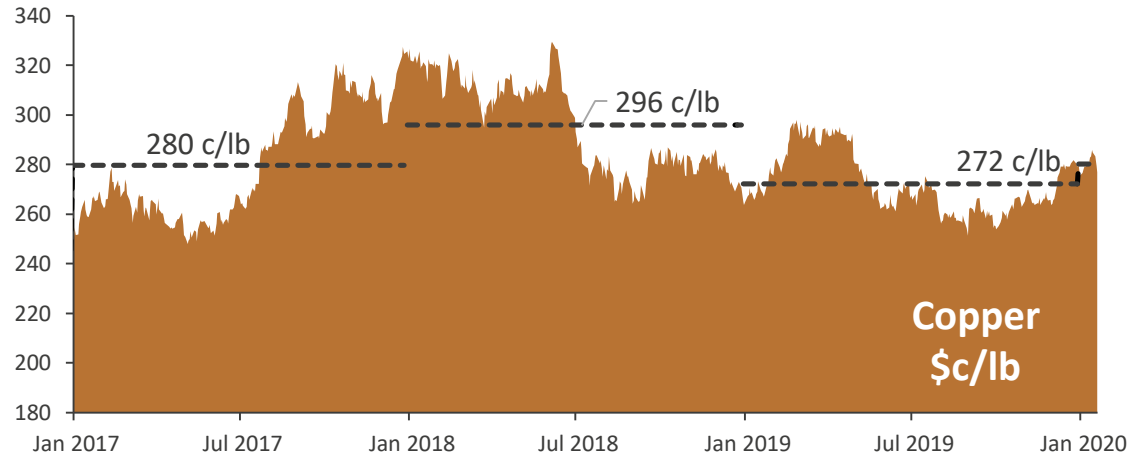
	2016	2017	2018	2019	2020E ¹
Los Pelambres cash costs (\$/lb)					
Cash costs before by-products credits (\$/lb)	1.36	1.44	1.52	1.40	1.45
By-products credits (\$/lb)	(0.30)	(0.42)	(0.61)	(0.49)	(0.45)
Net cash costs (\$/lb)	1.06	1.02	0.91	0.91	1.00

	2016	2017	2018	2019	2020E ¹
Centinela cash costs (\$/lb)					
Cash costs before by-products credits (\$/lb)	1.75	1.81	1.89	1.83	2.00
By-products credits (\$/lb)	(0.56)	(0.45)	(0.38)	(0.57)	(0.50)
Net cash costs (\$/lb)	1.19	1.36	1.51	1.26	1.50

Cash costs before by-product credits HY 2019



Market data



Reserves and resources as of 31 December 2018

	Tonnage (millions tonnes)		Copper (%)		Molybdenum (%)		Gold (g/t)		Attributable Tonnage (millions tonnes)	
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017
Ore reserves										
Los Pelambres	1,132.2	1,193.4	0.60	0.60	0.019	0.020	0.05	0.05	679.3	716.0
Centinela Concentrates (Esperanza Sulphides, including Esperanza Sur)	1,845.2	1,873.4	0.42	0.42	0.012	0.012	0.14	0.14	1,291.6	1,311.4
Centinela Cathodes	326.0	191.5	0.40	0.39	-	-	-	-	228.2	134.0
Centinela Total	2,171.2	2,064.9	0.42	0.42	-	-	-	-	1,519.8	1,445.4
Antucoya	640.7	676.4	0.34	0.33	-	-	-	-	448.5	473.4
Encuentro	-	112.2	-	0.53	-	-	-	-	-	112.2
Total	3,944.1	4,046.8	0.46	0.46	-	-	-	-	2,647.6	2,747.1
Group Joint Ventures										
Zaldivar	467.5	428.5	0.46	0.51	-	-	-	-	233.7	214.2
Total Group Ore Reserves	4,411.6	4,475.3	0.46	0.47	-	-	-	-	2,881.4	2,961.3
Mineral resources (including ore reserves)										
Los Pelambres	6,113.4	6,024.1	0.50	0.51	0.017	0.016	0.05	0.05	3,668.0	3,614.4
Centinela Concentrates (Esperanza Sulphides & Esperanza Sur)	3,962.0	3,177.7	0.39	0.38	0.012	0.011	0.13	0.12	2,773.4	2,224.4
Centinela Cathodes (El Tesoro)	551.8	307.5	0.40	0.38	-	-	-	-	386.3	215.2
Antucoya	1,253.7	1,291.8	0.30	0.30	-	-	-	-	877.6	904.3
Encuentro ¹	-	1,117.4	-	0.44	-	-	-	-	-	1,117.4
Polo Sur	1,514.5	1,514.5	0.34	0.34	-	-	-	-	1,514.5	1,514.5
Penacho Blanco	340.2	340.2	0.37	0.37	-	-	-	-	173.5	173.5
Mirador	86.4	95.4	0.32	0.33	-	-	-	-	78.5	85.6
Los Volcanes	1,904.2	1,904.2	0.50	0.50	-	-	-	-	971.1	971.1
Llano-Paleocanal ¹	-	64.2	-	0.46	-	-	-	-	-	49.5
Brujulina	87.2	87.2	0.49	0.49	Nickel (%)		Total precious metals (g/t Au+Pt+Pd)		44.5	44.5
Sierra	52.0	52.0	0.69	0.69					52.0	52.0
Twin Metals	2,509.1	2,371.7	0.52	0.52	0.171	0.173	0.473	0.465	2,085.0	1,967.0
Group Joint Ventures										
Zaldivar	818.6	613.0	0.41	0.48	-	-	-	-	409.3	306.5
Total Group										
Measured + Indicated	10,566.8	10,484.6	0.46	0.47	-	-	-	-	7,385.6	7,663.9
Inferred	8,626.4	8,476.2	0.43	0.43	-	-	-	-	5,648.3	5,576.0
Total Group Mineral Resources (including ore reserves)	19,193.2	18,960.8	0.45	0.45	-	-	-	-	13,033.8	13,239.9

1 Encuentro and Llano-Paleocanal included in Centinela from 2018

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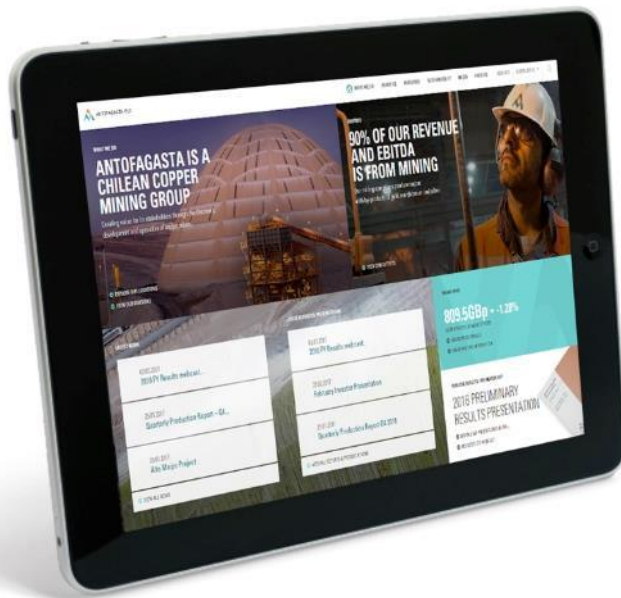
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