

Alba's Line 6: Paving a New Era of Growth and Prosperity

“24 November 2019 is a historical day for Alba as we were honoured with the presence of His Majesty King Hamad Bin Isa Al Khalifa, the King of the Kingdom of Bahrain, for gracing us with His Majesty's presence to officially inaugurate Line 6 Expansion Project and accompanied by His Royal Highness Prince Salman bin Hamad Al Khalifa, the Crown Prince, First Deputy Prime Minister and Deputy Supreme Commander”, said the Chairman of Alba's Board of Directors, Shaikh Daij Bin Salman Bin Daij Al Khalifa, in a statement issued during the fourth quarterly Board meeting for 2019, held on Sunday 01 December 2019 at Alba.

Adding further, Shaikh Daij Bin Salman Bin Daij Al Khalifa stated:

“Aluminium Bahrain B.S.C. Alba's Line 6 Expansion Project is a game-changer and marks a turning point for Alba and a new era of growth and prosperity for the Kingdom of Bahrain.

His Majesty's official inauguration of Alba's mega project places Alba in the lead within the aluminium industry with its transformation - making it the world's largest smelter ex-China.

I also take the opportunity to thank all our partners on this project: Emirates Global Aluminium (EGA) for using the proprietary DX+ Ultra Technology in Line 6, Bechtel - EPCM contractor for Reduction Line 6, GE and GAMA Consortium - the EPC contractor for Power Station (PS) 5 and Siemens - the Power Distribution System contractor for PS 5 and all the contractors involved in this Project, specifically to the local contractors who have all contributed towards the success of this Project.

With Line 6 fully on stream, we are now actively seeking to expand our products' portfolio and increase our sales with a major emphasis on the US market.

In addition, we aim to have a strong finish in 2019 as our production will top 1.35 million metric tonne, for the first time in Alba's history thanks to the safe and progressive ramp-up of Line 6, while at the same time, we intend to achieve 15 million working-hours without Lost Time Injury by year-end 2019.”

During this meeting, Alba's Board of Directors approved the minutes of the previous meeting, which was held on 25 September 2019 as well as reviewed the reports of the Executive Committee, Board Audit Committee and the Nomination, Remuneration and Corporate Governance Committee. In addition, the Board approved the 2020 Annual Operating Plan and Q3 2019 Financial Statements. Updates were also



given by the Executive Management on Safety, Operational and Financial Performance on the back of current market conditions and Project Titan – Phase IV as well as overall Industry Outlook.

In addition to the Chairman of the Board, Shaikh Daij Bin Salman Bin Daij Al Khalifa, the Alba Board of Directors comprises six directors appointed by Bahrain Mumtalakat Holding Company – Mr. Yousif Abdulla Taqi, Mr. Osama Mohammed Al Arrayedh, Mr. Yaser E. Humaidan, Dr. Mohamed Kameshki and Mrs. Suha Karzoon. The two directors appointed by Sabic Industrial Investments Co. (SIIC) are Mr. Ahmed Mohammad A. Al Jabr and Mr. Ali Al Shamrani and two elected directors, Mr. Omar A. Al-Amoudi and Mr. Mutlaq Al-Morished.

ENDS

Photo Caption

Aluminium Bahrain B.S.C. (Alba) fourth quarterly Board meeting for 2019 on Sunday 01 December 2019 at Alba.

About Alba

Bahrain was the first country in the Arab region to start an aluminium smelter. Starting-out as a 120,000 metric tonne per annum (mtpa) smelter in 1971, Alba today is a 1-plus million-metric tonnes smelter. Alba's product portfolio comprises high-grade aluminium and Value-Added Products that include standard and T-ingots, extrusion billets, rolling slabs, properzi ingots and molten aluminium

Alba is listed on both the Bahrain Bourse and London Stock Exchange, and the Company's shareholders are Bahrain Mumtalakat Holding Company (69.38%), SABIC Industrial Investment Company (20.62%) and the General Public (10%).

Entering its fifth decade of commercial operations, Alba is rightly regarded as a pioneer in the industrial history of both - the Gulf region and Bahrain - carving an enviable reputation in Safety, Employee Development and sustainable operations.

About Line 6 Expansion Project

Alba's Line 6 Expansion Project was inaugurated by His Majesty King Hamad Bin Isa Al Khalifa the King of the Kingdom of Bahrain on 24 November 2019. Line 6 Expansion Project has made Alba the world's largest smelter ex-China. Potline 6 will boost Alba's per-annum production by 540,000 metric tonnes, bringing Alba's total production capacity to 1.54 million metric tonnes per year.

With a CAPEX of approximately US\$3 billion, the Line 6 Expansion Project was the largest brownfield expansion in the region. The Project comprised: construction of sixth pot line utilising EGA's proprietary DX+ Ultra Technology, a 1,792 MW Power Station (Power Station 5) and other industrial services.

Bechtel was the EPCM contractor for the Line 6 Expansion Project smelter. For Power Station 5 (PS5), GE and GAMA Consortium was awarded the EPC contract, while Siemens was the Power Distribution System contractor.

Alba started 106 pots in Line 6 on 26 March 2019 followed by another 106 pots on 18 April 2019. Alba Potline 6 was commissioned on 13 December 2018 with the delivery of the First Hot Metal ahead of its schedule. Alba also announced an achieved savings of more than US\$370 million in the execution of Potline 6 – corresponding to 16% savings of its allotted budget.



The Line 6 Expansion Project achieved a total of 60,893,000 working-hours without Lost Time Injury as on 21 November 2019.

One of Bahrain's flagship asset, the Line 6 Expansion Project will be transformational to Bahrain and its people. Alba will continue to focus on the local and regional downstream cluster and seek opportunities to contribute further to the economic diversification of the Kingdom.

MILESTONES

POWER EXPANSION PROJECT - 2018

Energisation of 33KV Substation	30 May
Energisation of 220 KV Substation	30 September
Alba Gas Station Handover	15 October
Rectifier Energisation	25 October
First Fire of Gas Turbine – Unit 1	30 October
Complete Rectifier Short Circuit Test	03 November

POWER EXPANSION PROJECT - 2019

Commercial Operation Date 1	25 August
Commercial Operation Date 2	26 October

LINE 6 SMELTER - 2018

First Cathode Sealing Operation	31 January
Handover of 1 st 36 Pots in Potroom F to operations	25 November
Handover of 1 st 36 Pots in Potroom F to operations	25 November
Start Short Circuit Test	26 November
Start Anode Bake Furnace Dry-Out	28 November
First Pot Energisation	13 December
First Green Anode	15 December
First Cold Charge of Furnace 3 in Casthouse 4	26 December

LINE 6 SMELTER - 2019

Successful testing of 40 pots	16 February
Started operations of 106 pots	26 March
Started operations of additional 106 pots	18 April
Start Short Circuit Test (southern 212 pots)	31 May
Safe Start-Up of the last pot (#424)	21 July
Last Hot Metal	31 July

Alba External Grievance Mechanism



Alba, in line with the Performance Standards of the International Finance Corporation (IFC), a World Bank affiliated lending organisation, has launched its External Grievance Mechanism to receive and facilitate the resolution of the affected communities' concerns and grievances about Alba's Environment and Social (E&S) performance.

External grievances about Alba's E&S performance can be logged via the [Alba Integrity Line](#) - an independently operated confidential reporting hotline in multiple languages - via a toll-free phone system or via the intranet 24 hours a day, every day.

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