



**StockPal  
Mines  
Unearthed  
Webinar  
Presentation**

**31 March 2021**



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## **Exploration Results and Feasibility Studies**

The information in this presentation that relates to exploration results for the Company’s Bunyu Project and Guinea Gold Projects and the Bunyu feasibility studies references the applicable announcement. Volt confirms that it is not aware of any new information or data that materially affects the information included in those announcements.

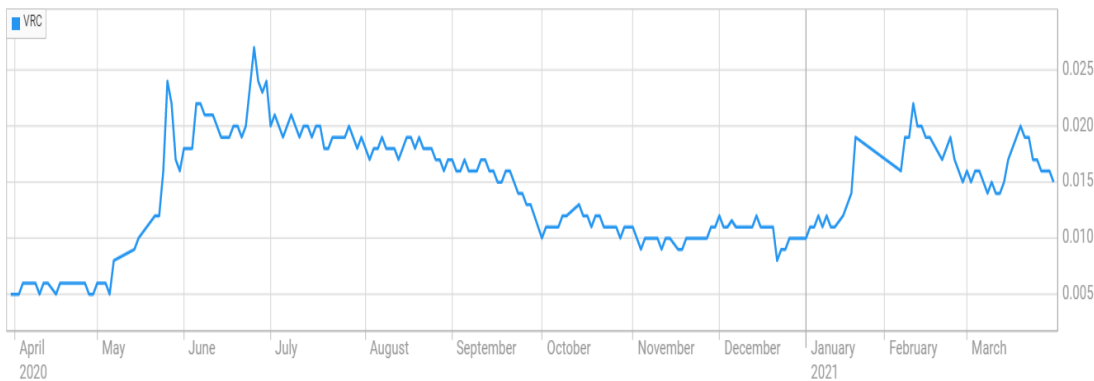
## Capital Structure

Share Price as at 30 March 2021	-	A\$0.015
Share Price Low (over 1yr)	-	A\$0.004
Share Price High (over 1yr)	-	A\$0.028
Shares on Issue	-	2.38b
Market Capitalization	-	A\$38.08m

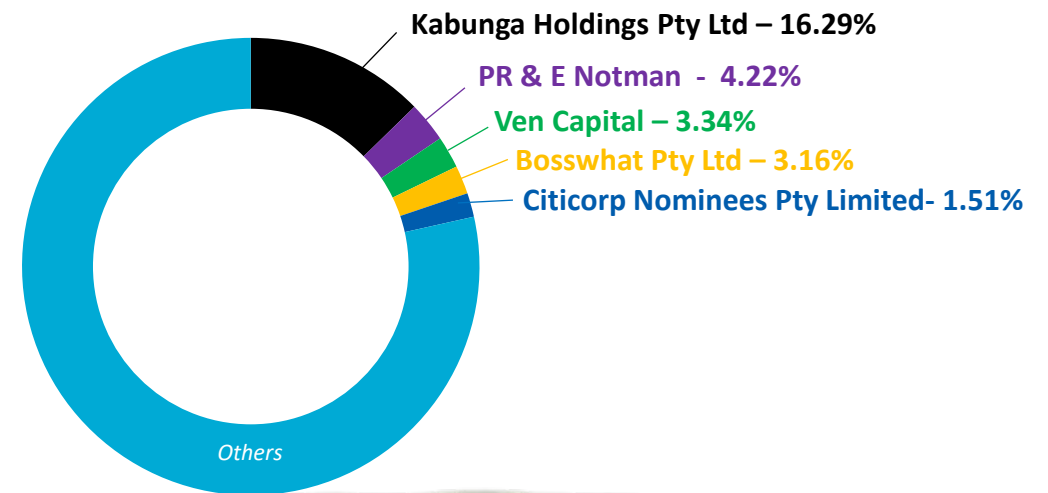
## Volt Directors and Executive Management Team

Trevor Matthews	-	Managing Director
Asimwe Kabunga	-	Non-Executive Chairman
Jack Fazio	-	Non-Executive Director
David Sumich	-	Chief Operating Officer/CFO
Susan Clark	-	Company Secretary

## Share Price History (1yr) – VRC.ASX



## Major Shareholders





- Volt is in a process to transition to be a graphite producer in Q2 2021 through the acquisition of a 70% interest in the Zavalievsky Graphite business
- On completion of the acquisition Volt will be one of the few ASX listed graphite producers
- Plans to progress the development of LIB anode material (SPG) to be in production by 2022
- Volt will become a fully integrated graphite mine and SPG producer based in Europe
- Experienced operations and technical staff, supply chain, European customer base, operating cashflows
- Opportunities for operational improvements, graphite product diversification and product expansion
- Large greenfield graphite project in Tanzania in Stage 1 development funding discussions
- Gold exploration underway on three gold projects in Guinea.



**Electric vehicle uptake  
will drive >700% graphite  
demand growth by 2025.**

- Graphite is the KEY element in the anodes of batteries used in electric vehicles.
- 192 Lithium-ion battery gigafactories are expected now to 2030, with majority across Europe and China.
- Production capacity forecast to increase to 3,208.5 GWh by 2030.
- The global graphite market is expected to reach US\$21.6 billion by 2027.

Europe has become the new leader in EV growth in 2020  
 Li-ion battery capacity set to triple in 2020-2025

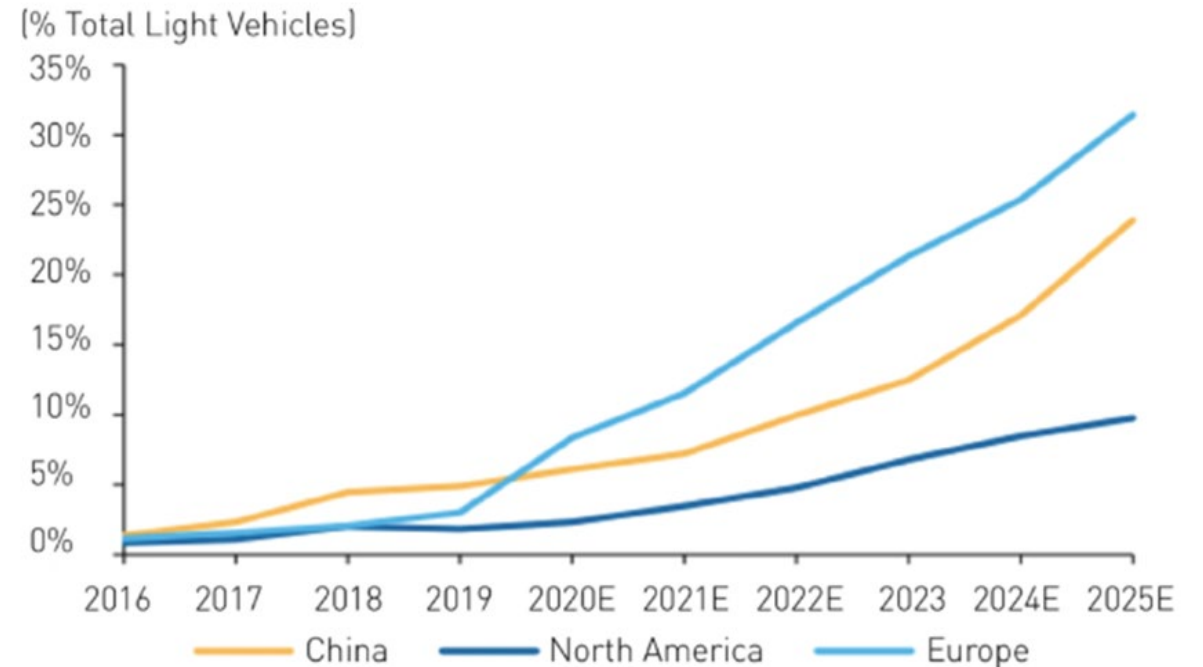
Europe had 137% more electric vehicles registered compared to 2019.

EV Unit Sales and Growth

	China	EU	US
2019	1,189,290	562,000	325,710
2020	1,366,000	1,367,000	329,000
2021E*	1,800,000	1,900,000	576,000
2021 E Growth*	31.77%	38.99%	75.08%

\*CLSA and Macquarie as of 12/31/2020

EV Sales as % of Total Light Vehicle Sales



Source: Macquarie. Data as of December 2020

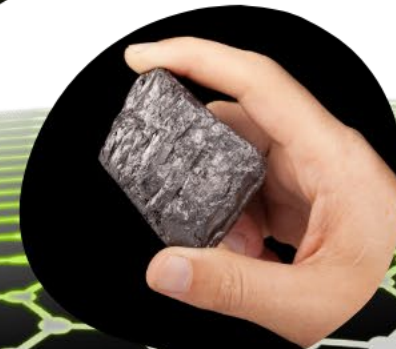


**VOLT**  
RESOURCES



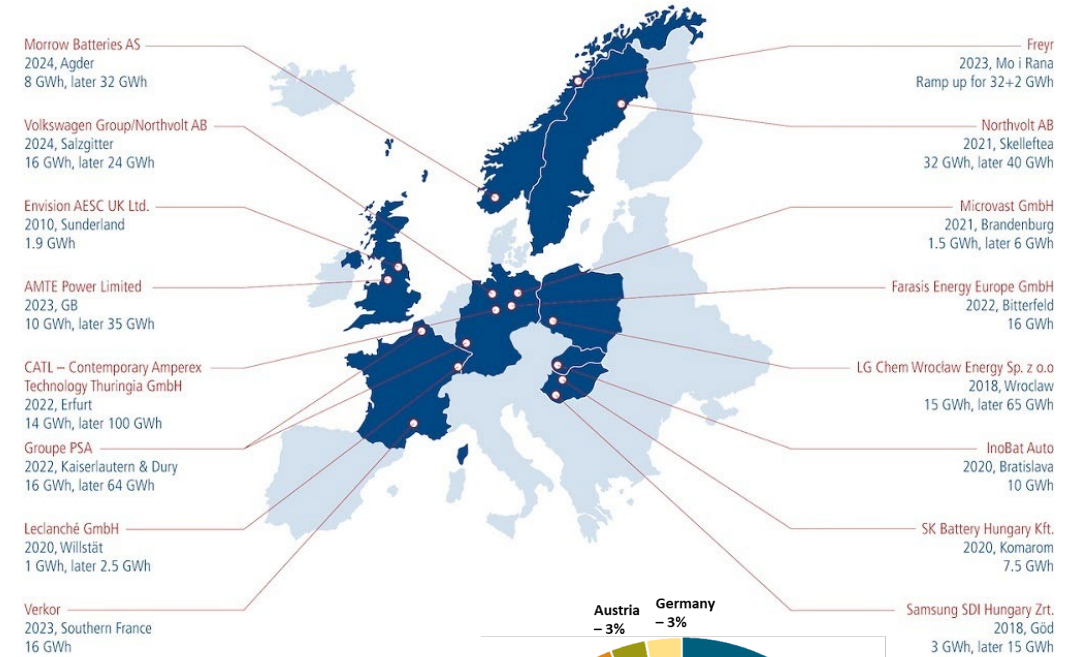
## VOLT'S PROJECTS

- ✓ **ZG Graphite Group Proposed Acquisition (70%)**
- ✓ **Bunyu Graphite Project**
- ✓ **Guinea Gold Projects**

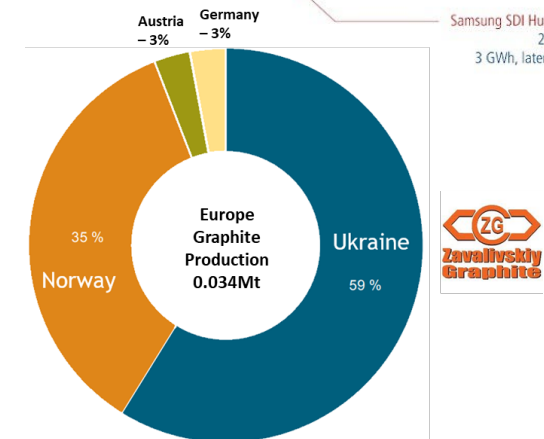


- Volt has signed term sheets with 4 shareholders for a 70% interest in the ZG Group in Ukraine which includes a operating graphite mine and processing plant with nameplate capacity of 30,000 tpa.
- The US\$7.5m purchase price is payable in two instalments of US\$3.75m. The first instalment is due on completion of the transaction and second is six months after the date that completion occurs. Due diligence is in progress.
- Proximity to key markets in Europe with significant developments in Lithium-ion Battery (“LIB”) production to supply the growing EV market planned over the next decade.
- The ZG Group has plans to install a processing plant and equipment to commence production of spheronised purified graphite (SPG) for the European LIB market within the next 12 months.
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- The Zavalievskiy mine’s strategic location has already attracted interest from LIB cell manufacturers and major car makers.
- Currently produces a high value “green” purified 99.5% TGC product.
- The graphite business (operating 87 years) has the potential to generate material cash flow which could make Volt internally funded for corporate costs and working capital into the future.

## Battery cell production in Europe



Graphic: ©Solar Promotion GmbH | As of: August 2020 | Source: Battery-News.de





- The largest JORC Mineral Resource in Tanzania with 461Mt @ 4.9% TGC and an Ore Reserve of 127 Mt @ 4.4% TGC.<sup>2</sup> Huge upside potential with exploration covering less than 6% of the project area.
- Two stage development strategy with Stage One significantly de-risking the Stage Two expansion through a lower risk small mine and plant development to obtain operational experience, trained workforce, supply chain and product sales development.
- Stage One is a 400,000 tpa plant @ 6.26% TGC feed grade to produce 23,600 tpa of graphite products and Stage Two planned to produce 170,000 tpa.
- Financial analysis from the Feasibility Study released in July 2018 for Stage One delivers favourable NPV and IRR over a payback period of 4.4 years, Pre-tax NPV (10%) of US\$18.6M and Pre-tax IRR 21.0%. Total EBITDA of US\$93.6M over 7 year Stage 1 project period – average annual EBITDA of US\$13.1M.<sup>1</sup>
- Stage Two Expansion is based on the Pre-feasibility Study released in December 2016, which has a 1.4 year payback, post tax NPV of US\$890m, average annual EBITDA of US\$195m.<sup>2</sup>
- Environmental Impact Assessment Certificate and Mining Licences received covering both Stage One and Two.
- Advanced discussions with African development banks.

1. Refer to ASX announcement titled “Positive Stage 1 Feasibility Study Bunyu Graphite Project” dated 31 July 2018.  
 2. Refer to ASX announcement “Pre-feasibility Study Completed” dated 15 December 2016.



- The Company owns six permits covering 348.7km<sup>2</sup> in the highly prospective **Birimian Greenstone Belt** in the Siguiri Basin
- The six permits fall under the Kouroussa, Mandiana and Konsolon Projects
- The Kouroussa and Kouroussa West permits border the Predictive Discovery (PDI) gold project which announced an intercept of **6.58g/t @46m**
- Grab samples from Monebo and Nzima were sent to SGS Mali for analysis returning grades of up to **14.5g/t** at Nzima and **8.89g/t** at Monebo.<sup>1</sup>
- A review of Konsolon legacy data found multiple gold in soil anomalies between 1 to 2.5km in length across this permit. The review found high grade gold results including **20.25g/t, 12.87g/t, 5.12g/t and 4.97g/t**.<sup>1</sup>
- Auger drilling programmes on four permits in progress.



1. Refer to ASX announcement dated 23 July 2020 titled "Guinea Gold Projects Exploration Update".



“We have  
never been in a  
better position  
than what  
we are now”

- The proposed acquisition of the ZG Group will change Volt’s status from graphite explorer/developer to producer. Benefits include:
  - Plans in place to install processing plant and equipment to commence production of spheronised purified graphite (SPG).
  - Zavalievsky mine’s strategic location for the future supply of SPG and other graphite products to the European markets
  - Potential to generate material cash flow from the operating mine and plant in Ukraine.
  - The graphite business has attracted interest from LIB cell manufacturers and major car makers.
  - Currently produces a purified 99.5% TGC grade product.
- The Bunyu flake graphite project with one of the largest graphite resources in the world, 461Mt graphite resource and 22.6Mt contained graphite. All key approvals in place and advanced funding discussions for Stage 1, expanding to 170ktpa with excellent economics for Stage 2.
- Highly prospective gold projects in Guinea currently undergoing an auger drilling campaign on four permits
- A management team with successful experience in developing and commercialising junior exploration companies through to operation.
- Volt will grow shareholder value through sustainable exploration, development and mining of graphite, gold and other minerals.



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