VULCAN ENERGY ZERO CARBON LITHIUM[™]

Annual General Meeting

Managing Director Dr. Francis Wedin





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Effect of rounding. A number of figures, amounts, percentages, estimates, calculations of value and fractions in this Presentation are subject to the effect of rounding. Accordingly, the actual calculation of these figures may differ from the figures set out in this Presentation.

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Technical information. Vulcan has so far only carried out a pre-feasibility study (the results of which were announced to the ASX in the announcement "Positive PFS & Maiden JORC Ore Reserve: Zero Carbon Lithium ™ Project" dated 15 January 2021) ('PFS') and a definitive feasibility study for Phase One of its Zero Carbon Lithium ™ Project ('Project') (the results of which were announced to the ASX in the announcement "Vulcan Zero Carbon Lithium ™ Project DFS Results, Resources and Reserves Update" dated 13 February 2023) ('DFS'). Vulcan has not yet carried out a definitive feasibility study for Phase Two of its Project. This Presentation includes information relating to both the PFS and DFS. Investors should not rely on the results of the PFS as Vulcan considers that the material assumptions underpinning that study are no longer up to date in light of the additional studies undertaken in preparing the DFS. The DFS is based on the material assumptions outlined elsewhere in the DFS announcement. While Vulcan considers all of the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the DFS will be achieved.

Funding Strategy. To achieve the range of outcomes indicated in the DFS, additional funding will be required. Investors should note that there is no certainty that Vulcan will be able to raise the amount of funding when needed. It is also possible that such funding may only be available on terms that may be dilutive to or otherwise affect the value of Vulcan's existing shares. It is also possible that Vulcan could pursue other financing strategies such as a partial sale or joint venture of the Project. If it does, this could materially reduce Vulcan's proportionate ownership of the Project.

Competent Person Statement: Please see Appendix 13 for the Competent Person Statement.

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Purpose

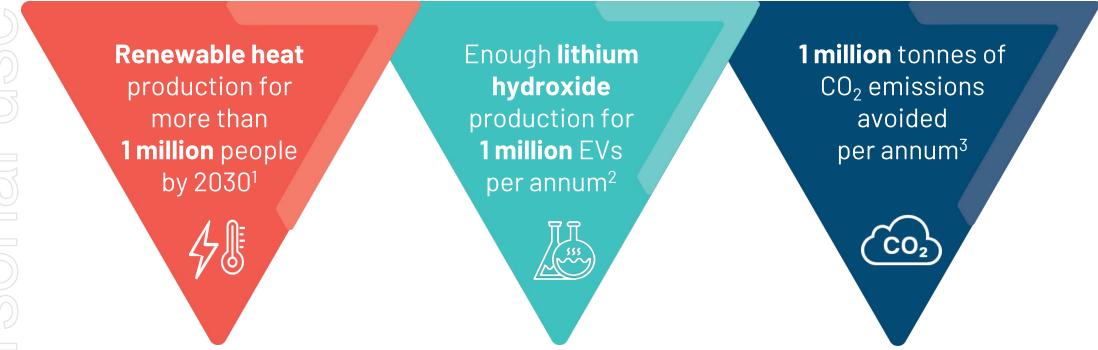
We will empower a zero-carbon future

Mission

Becoming Europe`s leading Zero Carbon Lithium™ business & enabling energy security through geothermal energy

OUR TARGETS

We are aiming to become the world's first integrated lithium chemicals and renewable energy producer with net zero greenhouse gas emissions. Vulcan's unique **Zero Carbon Lithium™** Project aims to produce both renewable geothermal energy, and lithium hydroxide for Electric Vehicle (EV) batteries, from the same deep brine source in the Upper Rhine Valley, Germany.



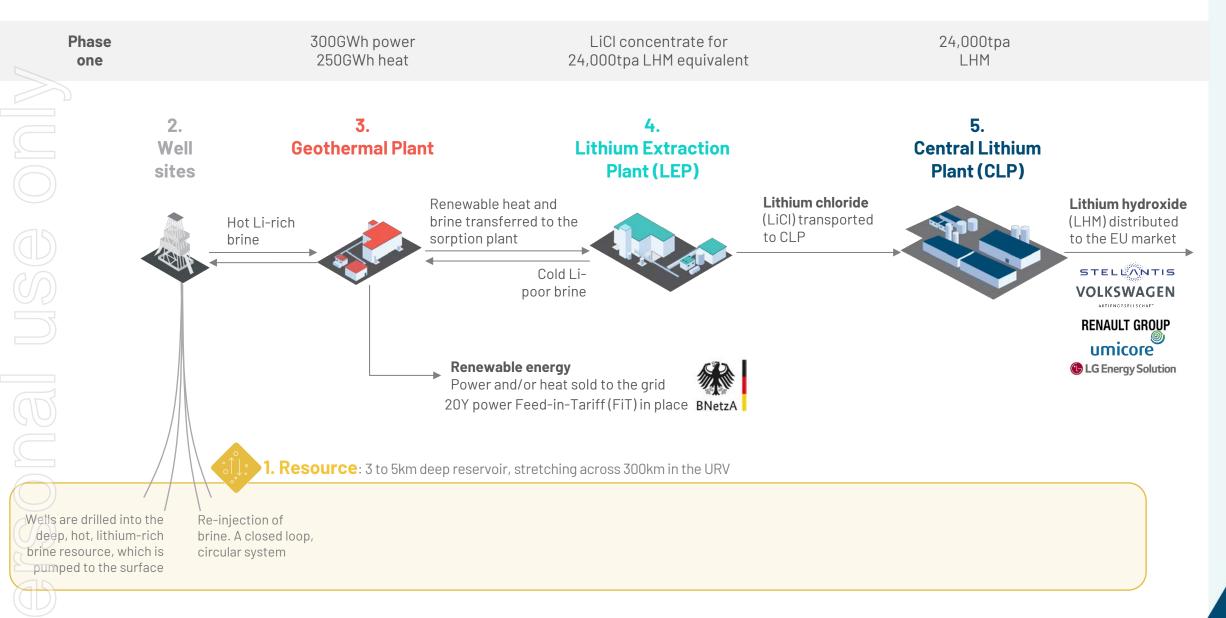
¹Based on average per capita heat consumption in Germany of 6,200 kWh (https://www.destatis.de/).and the estimated capacity for heat production from Vulcan's long term development areas, in a pure heat (no power) scenario. ²Based on Phase One production target of 24ktpa from DFS, Phase Two production target of approx. similar figure from PFS (refer to technical information statement), and Vulcan internal estimated average EV battery size and chemistry in Europe. ³CO₂ emissions avoidance target based on Minviro LCA data on Vulcan project and lithium industry peer averages in the same LCA.

WHY VULCAN?

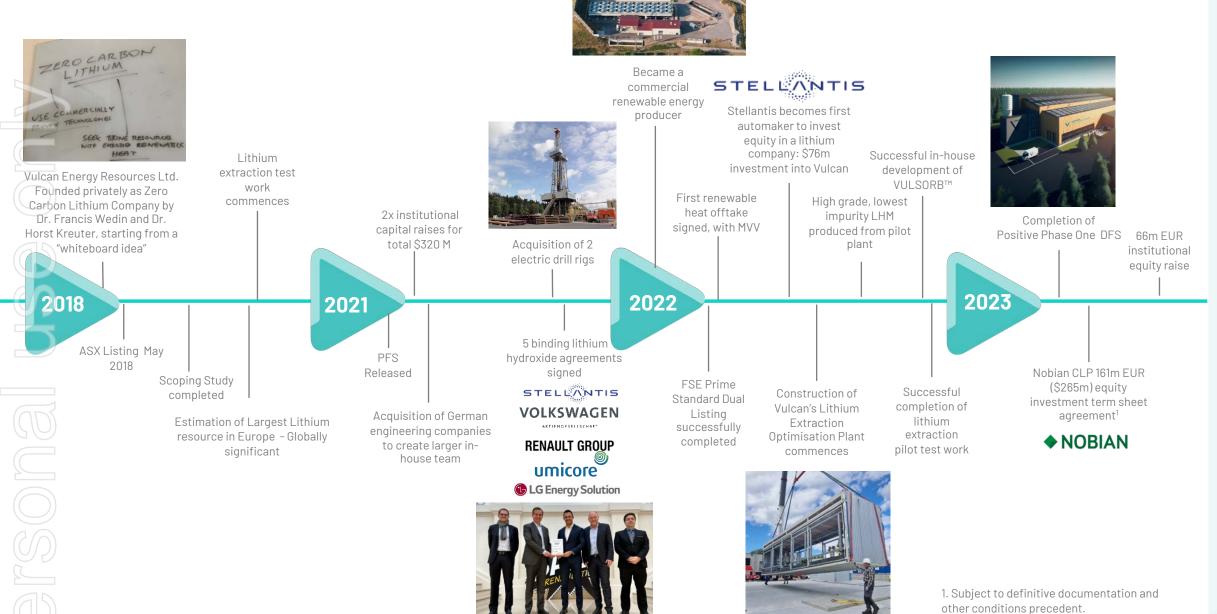
- ✓ World-leading product and brand carbon neutral, battery-grade lithium chemicals from Zero Carbon Lithium™ Project
- **Right place** located within the EU, fastest growing lithium market in the world
- **Long-life, sustainable asset, large growth potential** largest lithium resource in EU, globally significant, ability to grow in modular phases
- In-house IP VULSORB™ lithium sorbent means lithium extraction know-how is on-shored in EU and an in-house asset
- **Substantially de-risked** three years of lithium extraction and piloting testwork completed on producing wells
- **High quality EU offtakes** Stellantis, VW, Renault, LG, Umicore, provides support for debt funding
- **Renewable energy co-product** provides additional revenue and benefit to local communities
- **Exceptional team** in-house team of approx. 300 experienced personnel in development, execution and operations. In-house electric rigs for production well development.
- **Already a commercial producer** operating a commercial geothermal renewable plant and wells
- **Well advanced** DFS completed for Phase One integrated project, in bridging phase toward ordering long lead items
- **Well supported** substantial investors include Stellantis and HPPL. Government ECAs in Europe provided in principle support to financing.



WHAT ARE WE BUILDING?



OUR ACHIEVEMENTS TO DATE







- 1,400GWh li-ion battery manufacturing estimated capacity by 2030² for EV transition
- Predictions indicate Europe will see a **57-fold** increase in lithium demand³



- Zero local supply of lithium hydroxide. 80% reliant on China⁴
- Current supply of lithium is **CO**₂ intensive. Western automakers want low carbon sources⁵

The solution

CC2 NEUTRAI

- Vulcan is developing the only CO₂ neutral, zero fossil fuel lithium project in the world, producing lithium from Europe, for Europe⁸
- Vulcan's Zero Carbon Lithium[™] Project is the largest lithium resource in Europe⁹

¹https://ec.europa.eu/commission/presscorner/detail/en/ip_22_6462

2https://www.spglobal.com/marketintelligence/en/news-insights/research/investment-in-lithium-ion-batteries-could-deliver-5-point-9-twh-capacity-by-2030

tps://www.euractiv.com/section/economy-jobs/news/eu-unveils-critical-raw-materials-act-aiming-to-lessen-dependence-on-china/

https://www.bloomberg.com/news/articles/2020-12-03/eu-aims-to-have-30-million-electric-cars-on-the-road-by-2030?leadSource=uverify%20wall

⁵ Refer to next slide

⁶ Vulcan is not aware of any other such projects either in development or operation

¹According to public, JORC-compliant data ⁸. Vulcan is not aware of any other such projects either in development or operation.⁹. According to public, JORC-compliant data.

Vulcan has offtake agreements with some of the largest battery, cathode and EV producers in Europe.



VOLKSWAGEN

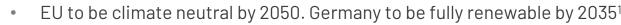




RENAULT GROUP

WHY DO WE NEED GEOTHERMAL RENEWABLE ENERGY IN EUROPE?

The market



• EU wants to develop local sources of energy²

The crisis

- Dual crises: Ukraine war and climate crisis
- EU is now sourcing gas from Norway and other areas in the EU. Domestic energy sources are key³
- 55% of Germany's gas came from Russia pre-Ukraine invasion⁴
- European emissions need to fall dramatically to avoid climate breakdown and meet carbon neutral by 2050⁵

The solution

 CG_2

NEUTRA

- Fraunhofer: Geothermal renewable energy can meet a quarter of Germany's heating needs⁶
- German Govt. announced in November '22 the need for 100 new Geothermal projects targeting 10 TWh of geothermal output by 2030⁷
- The Upper Rhine Valley Brine Field has the hottest geothermal resource in central Europe
- Vulcan is already commercially producing geothermal, baseload energy in Germany
- Vulcan is ramping up with the aim to supply a million households with renewable energy by 2030.⁸

³ https://www.consilium.europa.eu/en/infographics/eu-gas-supply/

https://www.reuters.com/business/sustainable-business/germany-aims-get-100-energy-renewable-sources-by-2035-2022-02-28/

² https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/european-green-deal/repowereu-affordable-secure-and-sustainable-energy-europe_en

⁴ https://www.cleanenergywire.org/factsheets/germanys-dependence-imported-fossil-fuels#:~:text=Germany%20%2D%20GAS,imports%2C%20according%20to%20the%20BGR.%E2%80%8B

⁵ https://climate.ec.europa.eu/eu-action/climate-strategies-targets/2050-long-term-strategy_en

⁶ Roadmap deep geothermal energy for Germany – recommendations for action for politics, business and science for a successful heat transition.

<u>https://www.thinkgeoenergy.com/germany-aims-for-100-new-geothermal-projects-by-2030/</u> ⁸ Based on average per capita heat consumption in Germany of 6,200 kWh (https://www.destatis.de/).and the estimated capacity for heat production from Vulcan's long term development areas, in a pure heat (no power) scenario.

POLICY TAILWINDS IN VULCAN'S FAVOUR

The recently released Critical Raw Materials¹ and Net Zero Industry Acts² present a strong focus on fast-tracking the permitting process and funding for technologies of relevance to the strategic autonomy of the EU economy

	Critical Raw Materials Act - Proposed Framework	Net Zero Industry Act - Proposed Framework	Implications for Vulcan
Overview	 Establishing a framework for ensuring a secure and sustainable supply of critical raw materials "Strategic project" status, indicating the status of the highest national significance possible 	 Establishing a framework for strengthening Europe's net-zero technology products manufacturing ecosystem Net Zero Resilience Projects shall get the status of the highest national significance possible 	 Should it be granted, Strategic Project and Net Zero Resilience Project status could significantly streamline project progress
Permitting	 One stop-shop for permitting handled by one national authority, with all permitting documentation to be sent out to a centralised system Permit granting process shall not exceed 24 months for Strategic Projects 	 Limit to permit granting procedures for Net Zero Resilience Projects are set to 12 months for the construction or expansion of Net Zero Resilience Projects, with a yearly production output of more than 1 GW. Environmental impact assessments to not exceed a period of 30 days from the date of project submission. 	 Potentially fast track and streamline the permitting process
Funding	 Better coordination and synergy creation between the existing funding programmes at Union and national level as well as ensuring better coordination and collaboration with industry and key private sector stakeholders. Potential public funding support, in the form of guarantees, loans or equity and quasi-equity investments. 	 Member States to provide financial support to address financing gaps in the form of: a) guarantees to decrease borrowing costs b) off-take guarantees for tech made in Europe Innovation Fund auctions to allocate grants to Net Zero industry projects 	 Potential EU & State grant/subsidies Assistance with other financing alternatives

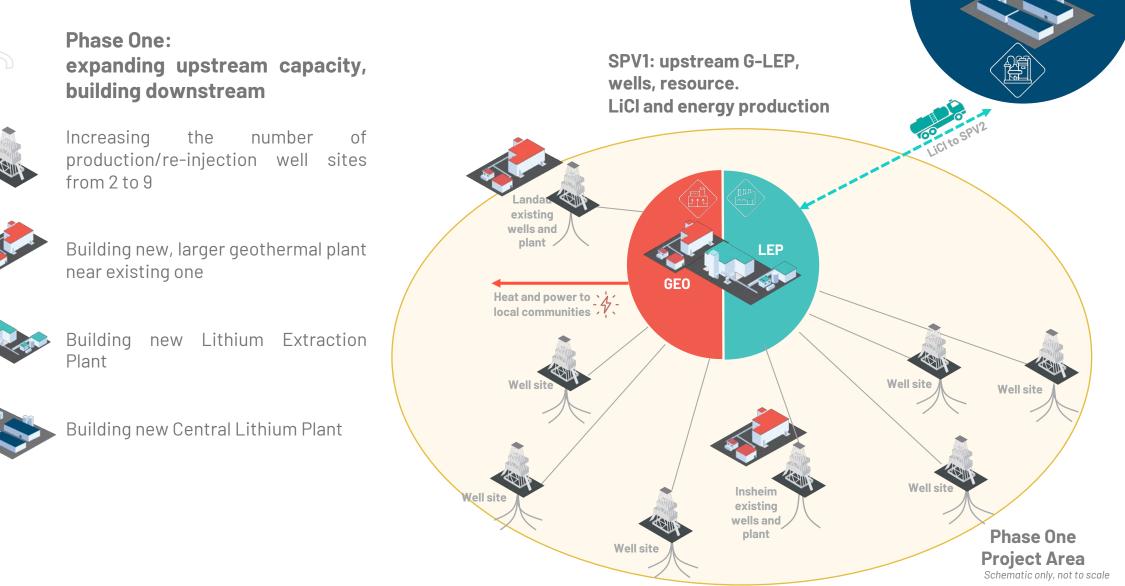


ZERO CARBON LITHIUMTM PROJECT



PHASE ONE UPSTREAM-DOWNSTREAM INTEGRATED PRODUCTION STRUCTURE

SPV2: downstream CLP Frankfurt 24Ktpa LHM



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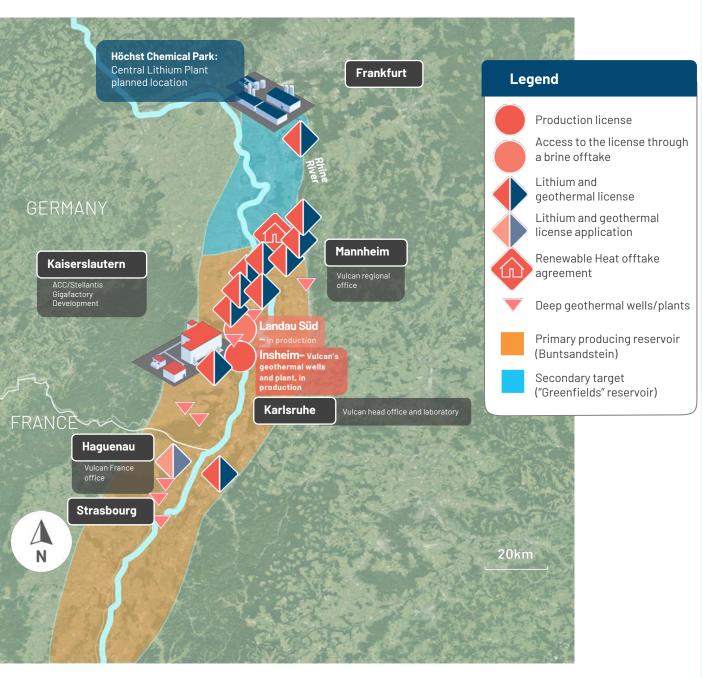
THE UPSTREAM RESOURCE

Vulcan's Upper Rhine Valley Brine Field (URVBF), consisting of 15 licenses for a total area of 1,583 km², represents Europe's largest lithium resource¹, with 26.6Mt contained LCE from 10 of its 15 German licenses.

Large, **300km-long** graben system containing consistent sedimentary-hosted geothermal-lithium reservoir.

There are currently **36 geothermal plants** operating in Germany and **42 active projects**². The Federal Government targets to reach 100 plants by 2030³

URVBF area is a **mature, producing field**, with **>1,000 oil & gas and 24 deep geothermal wells** already drilled in the URV

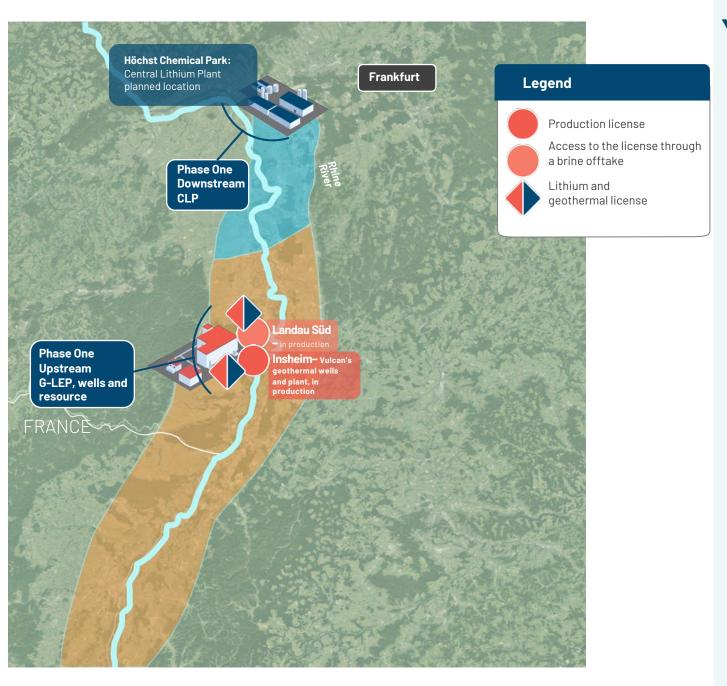


Phased growth approach, starting from core of field where Vulcan already owns production/re-injection wells in operation.

Phase One focuses on the core of the field including existing production wells.

Large resource allows for further modular expansion

 \checkmark



INCREASING UPSTREAM BRINE PRODUCTION

Well-known area

- >1,000 oil & gas and 24 deep geothermal wells already completed in the URVBF.
- In our Phase One project area, 4 deep geothermal wells have been in operation for more than 10 years.

In-house expertise, team and assets

- Vulcan has established its own in-house geothermal drilling company, Vercana, due to a high demand for geothermal renewable energy projects.
- Two electric rigs acquired in-house.
- Contract labour company acquired.

Conservative approach

- Targeting brine production from sandstone only, where seismicity risks are remote, in line with industry best-practice.
- Using conservative flow rates estimates, with an average flow rate (69I/s), below nearby projects (>100I/s), leaving room for upside.
- Brownfield development, Vulcan is increasing the number of its existing production well sites from 2 to 9 during Phase One project build.

Execution

Duration: expected 2.5 years starting H2 2023, part of Phase One CAPEX. Vulcan has secured a number of pre-EIA approvals for its sites and has also secured land to start wells.





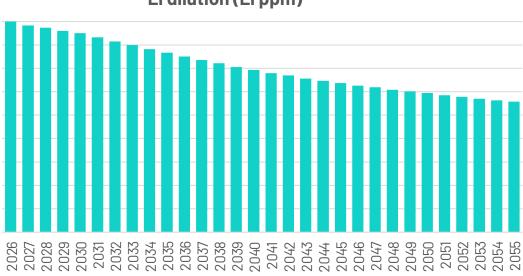


LONG LIFE, SUSTAINABLE UPSTREAM PRODUCTION

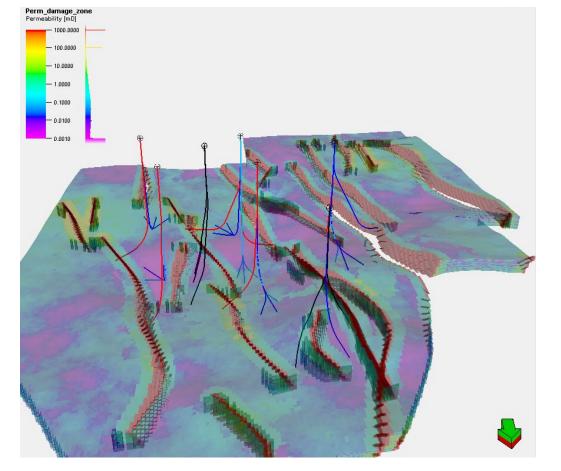
State-of-the art reservoir management principles from 0&G industry

Lithium dilution at the well sites modelled over 30 years and remains above cut-off, with only ~1.6% annual grade decrease. Production levels could be increased by adding new wells in the future, not modelled here¹.

Heat modelling shows no material decrease over time.

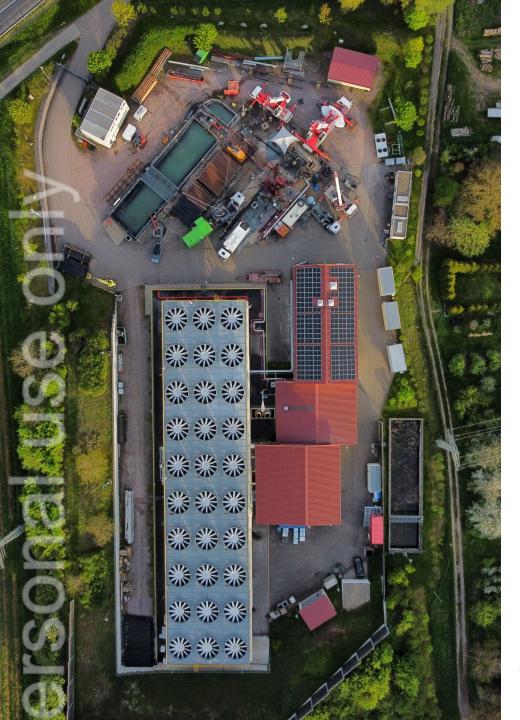


Li dilution (Li ppm)



Li concentration

¹Production and dilution is based on reservoir estimation, modelling and simulation, and is subject to further review as further development wells are drilled to increase brine production from Phase One area. Dilution is based on weighted average of two areas. Note: See the DFS announcement dated 13 February 2023, material assumptions on Appendix 14 of the 13 February 2023 presentation, risk factors in appendices 6 and 7 and Competent Persons Statement. ²Output of 24ktpa is estimated as at the fully ramped up commencement of production as shown above.



INCREASING RENEWABLE ENERGY PRODUCTION

Long established industry with strong growth potential

- Geothermal energy: 16GW of power & 107GW of heat capacity deployed worldwide¹
- There are currently 36 geothermal plants operating in Germany, 42 active projects (c. 84 wells), and the Federal Government is targeting to reach new 100 projects by 2030²
- Vulcan owns an existing geothermal renewable energy plant with over 10 years of successful production
- The plant is supplying ~6,500 households with renewable power
- Extensive operational experience in-house
- Plants are simple and "off the shelf" from vendors

With more wells comes more geothermal renewable energy

Phase One will utilise Vulcan's existing operational capacity, and increase geothermal renewable energy production:

- o Insheim: 4.2MW power capacity
- Additional total planned generation capacity: 33MW power capacity, 30MW heat capacity

¹Global geothermal market and technology assessment (irena.org);

² <u>Geothermie_Eckpunktepapier_ressortabgestimmt (bmwk.de)</u>;

LITHIUM EXTRACTION: PROVEN, SUSTAINABLE METHODS, IN-HOUSE IP

Commercially proven methods, combined. Testwork phase complete

- Vulcan is using sorption to extract lithium; invented in the '70s and used commercially worldwide since 1996, including by top 5 producer Livent and multiple Chinese producers.
- Increasingly the "new normal" way of extracting lithium. Chile has declared new lithium projects will have to use these methods¹.
- 3 years of testwork and 2 years of in-house piloting on URVBF brines successfully completed at multiple well locations. Technology de-risked on our brine chemistry.
- Lithium hydroxide better than battery grade already produced.

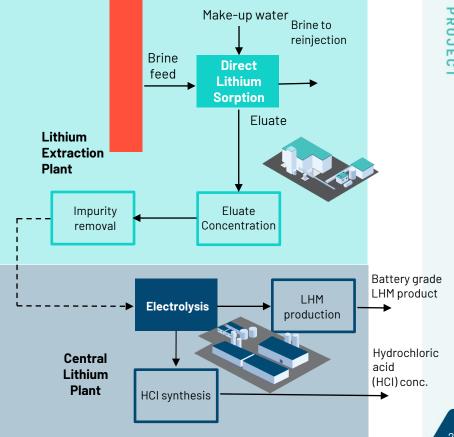
In-house intellectual property

- Commercially available Li-sorbents are mostly manufactured in China and Russia, which have been successfully tested by Vulcan, however, Vulcan has developed its own sorbent, VULSORB[™], which has demonstrated better performance.
- Vulcan is manufacturing VULSORB™ in France, thereby onshoring the critical parts of its supply chain in Europe.

Sustainable, quick process

- Inputs to sorption are heat, salinity and water, all of which naturally occur in the URVBF brine. Process takes hours, instead of months with legacy methods.
- Vulcan's process driven by renewable heat in the brine, major advantage over existing producers who use fossil gas to heat up the brine prior to sorption, and legacy production methods, which use large quantities of reagents.
- Produces very pure LiCl product, important for processing for battery EV industry.





Phase One commercial: sorption-type LEP

- To be constructed next to new Phase One geothermal plant
- Total targeted capacity to be 24,000tpa LHM equivalent in LiCl form
- From the LEP, LiCI concentrate solution will be trucked to the CLP
- Modular build allows for further phased development across other phases in URVBF
- Targeting Phase One start of production in late 2025

In-house designed Optimisation Plant under construction, planned to start operation mid-year, training staff in precommercial environment prior to start of commercial production for **targeted operational readiness in 2025**

Optimisation plant also built to start sending significant volume of product to offtakers for pre-qualifications



Planned new commercial Phase One geothermal and LEP development. Top: construction of optimisation plant onsite

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LITHIUM PROCESSING: PROVEN, SUSTAINABLE METHODS, STRONG PARTNERS

Proven chlor-alkali type process, sustainable inputs, no fossil fuels

• Vulcan to use the electrolysis process to convert lithium chloride into lithium hydroxide. Electrolysis produces very pure lithium hydroxide product, important for battery EV industry. Main input is green power, in contrast to legacy methods which use large quantities of reagents and fossil fuels.

This is similar to the **well-known chlor-alkali process used for >100 years** to produce caustic soda (sodium hydroxide) from sodium chloride, since cells for lithium chloride electrolysis are the same

Chlor-alkali electrolysis process: there are **36 active plants in Germany**, c. 5.4Mt chlorine production capacity, of which 3.4Mt is using the exact same membrane technology as Vulcan.

Experienced partners



Vulcan is working closely with NORAM, lithium chloride electrolysis experts in charge of detailed engineering.
NORAM brings their extensive experience of testing production of lithium hydroxide from lithium chloride through electrolysis **Testwork** with Electrosynthesis (partly owned by NORAM) completed, better than battery grade specification LHM successfully produced from Vulcan's LiCl.



- Term sheet for JV agreement signed with Nobian, for strategic partnership and project level equity investment.¹
- Nobian has a strong pedigree in chlor-alkali operations and a heritage stretching back over 100 years. Nobian has a production site at the Hoechst Industrial Park, where Vulcan's site is also planned, providing additional synergies.
- Nobian and Vulcan have been collaborating for 15 months.

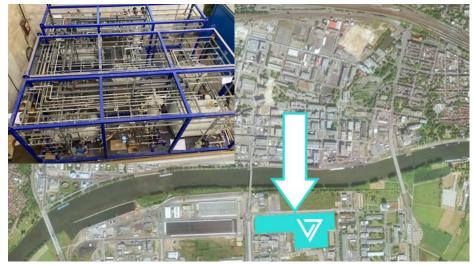


- CLP planned to be located in Frankfurt (Höchst Industrial Park). Close to 100,000sqm secured.
- - Targeted 24,000tpa LHM capacity with space for further modular expansion.
 - Conversion of LiCl to battery grade LHM using electrolysis. By-products HCl and Sodium Hypochlorite. Significant synergies with existing chlor-alkali producers in the same chemical park, e.g. Nobian.
 - Höchst is one of Europe's largest industrial estates and is home to around 90 chemical and pharmaceutical companies.
 - Targeting late 2025 for commercial start of operations.
 - Optimisation plant under construction, planned to start operation in H2, training staff in pre-commercial operational setting, will send significant volume of product to offtakers for pre-qualifications. Intended to ensure commercial operational readiness.

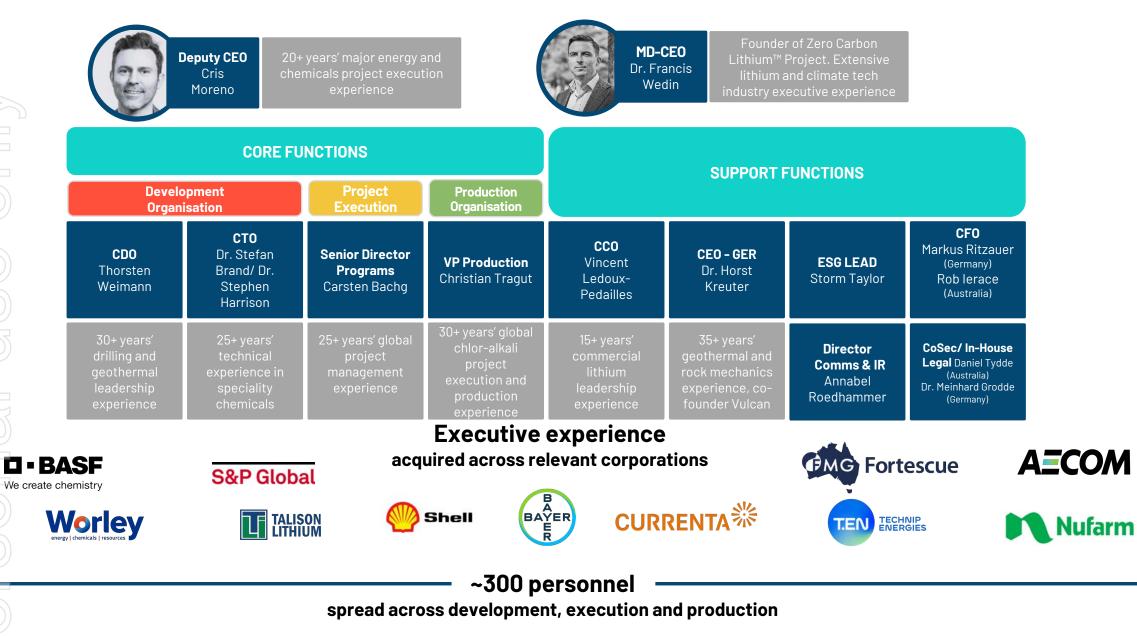
Commercial CLP



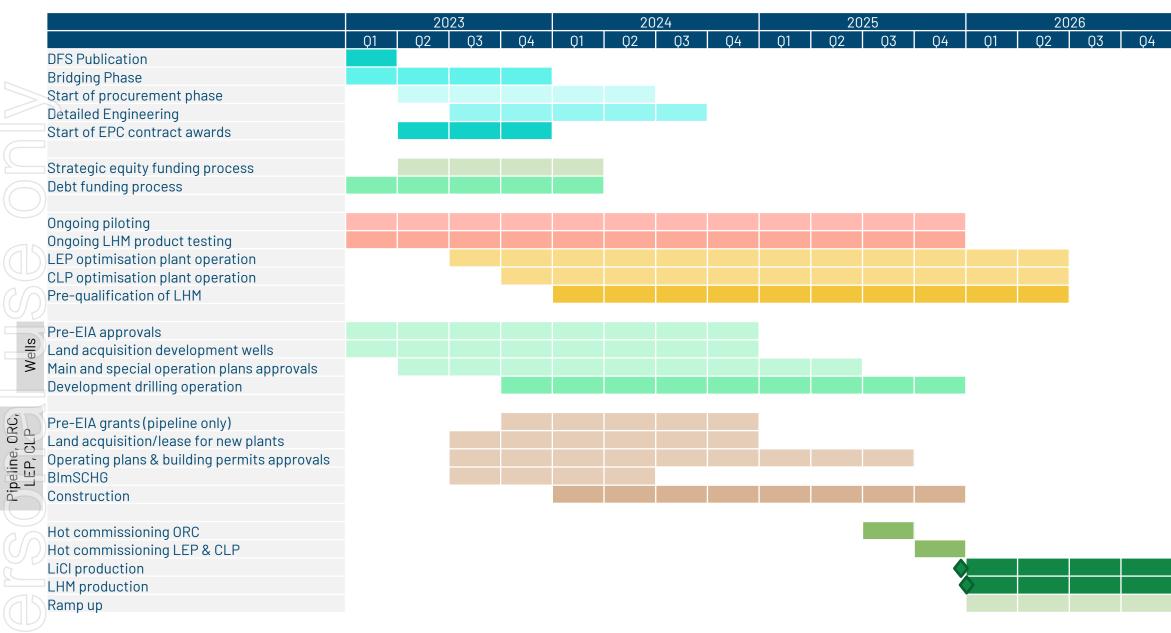
Optimisation plant under construction



EXPERIENCED TEAM READY TO DELIVER



TARGET PROJECT TIMELINE – COMMERCIAL PHASE ONE



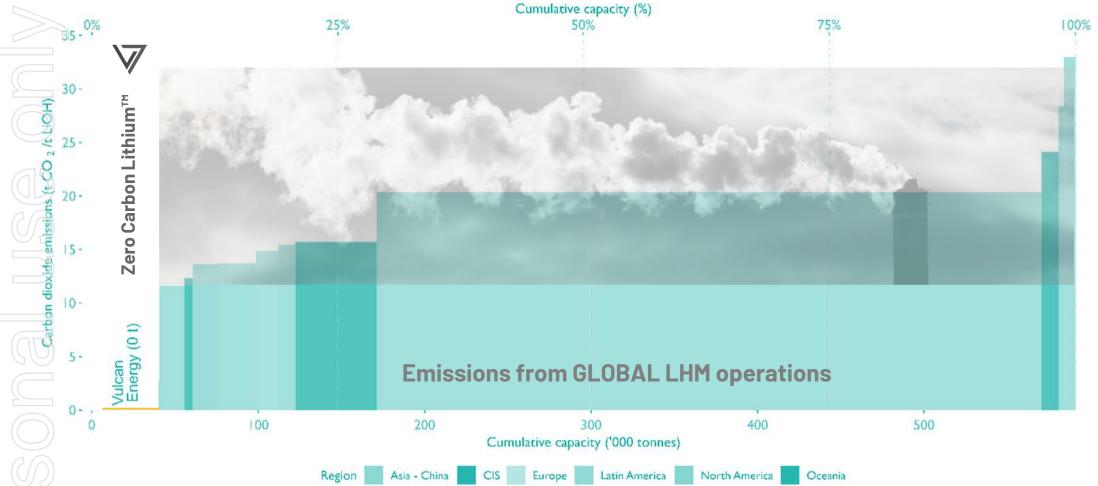


ENVIRONMENT, SOCIAL, GOVERNANCE



AIMING FOR LOWEST CO_2 FOOTPRINT IN THE LITHIUM INDUSTRY

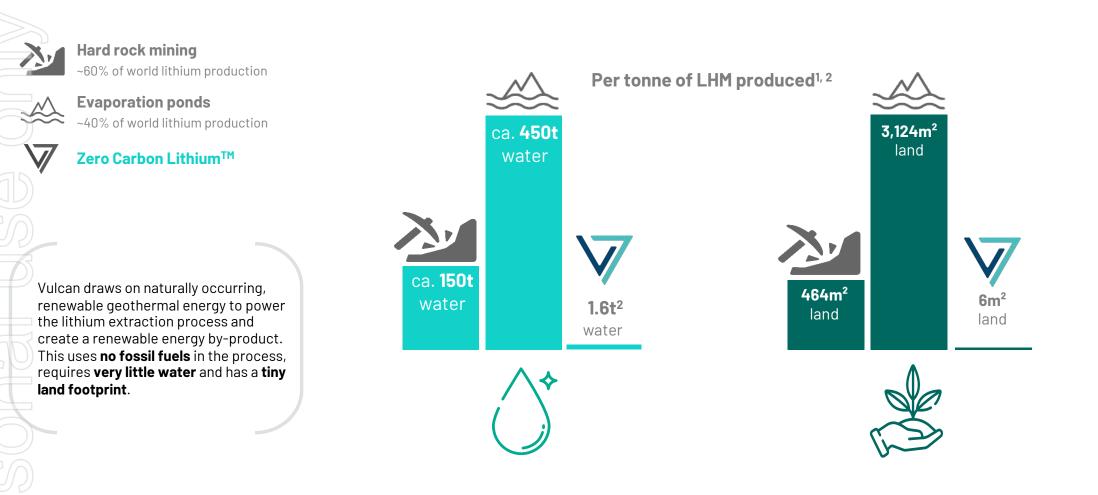
- Vulcan is developing the first and only net zero carbon lithium project in the world¹
- Globally significant decarbonisation opportunity through Vulcan's Zero Carbon Lithium™ Project



¹Sources: Fastmarkets projection for industry. Vulcan CO₂ value provided by Minviro. The CO₂ assessment is a cradle-to-gate study. It starts with the cradle: extraction of geothermal brine. Thermal energy of the brine is extracted and used for electricity and steam generation. Generated electricity is assumed to be exported to the German electrical grid. Part of the heat is exported for district heating, substituting natural gas use, and the rest of the heat is used for internal processes. It is assumed that of the electricity used throughout all processes 50% is sourced from the German grid and 50% is procured from additional wind generated electricity, on top of wind-based electricity that is already present in the German grid mix. Electricity, steam, hydrochloric acid (30% concentration) and sodium hypochlorite (15.8% concentration) are co-products of the lithium hydroxide monohydrate product. All co-products are accounted for using system expansion, meaning no allocation is required. The climate change impact for the lithium hydroxide monohydrate product for the assumptions described above is -1.7 kg CO₂ eq. per kg LiOH H₂O using ISO-compliant methods for LCAs. Vulcan has amended to net zero for the purposes of the presentation, to clarify that this is not a carbon removal project. Vulcan is not aware of any other net zero carbon, zero fossil fuels lithium projects either in operation or development.

AIMING FOR LOWEST WATER AND LAND FOOTPRINT IN LITHIUM INDUSTRY

Engineered to have industry-leading environmental performance: our core mission



1 Industry peer data generated from Minviro Life Cycle Assessment (see Vulcan ASX announcement, 4 August, 2021) 2 Vulcan Energy's DFS, 13 February 2023

The Company's environmental credentials set out in this slide (and elsewhere in this Presentation) are based on the Company's Studies.

There is no guarantee that the Company will be able to achieve the targeted metrics.

OTHER LEADING ESG CREDENTIALS

SUSTAINALYTICS

Low ESG Risk Rating from Sustainalytics (01/2023) First amongst peers and in the 2nd quartile Chemicals Industry 9,5kT CO₂ avoided from renewable energy generated at NatürLich Insheim in 2022.



Partnership with Karlsruhe Zoo Foundation supporting local biodiversity projects



Voluntary TCFD reporting company since 2021



ESG linked KPIs including individual and shared targets



Certified Carbon Neutral International Organisation from 2021¹



4 InfoCentres opened in Insheim, Landau, Karlsruhe, Mannheim and 1 mobile Infocentre for local community engagement



TNFD Forum Member assisting with framework development.

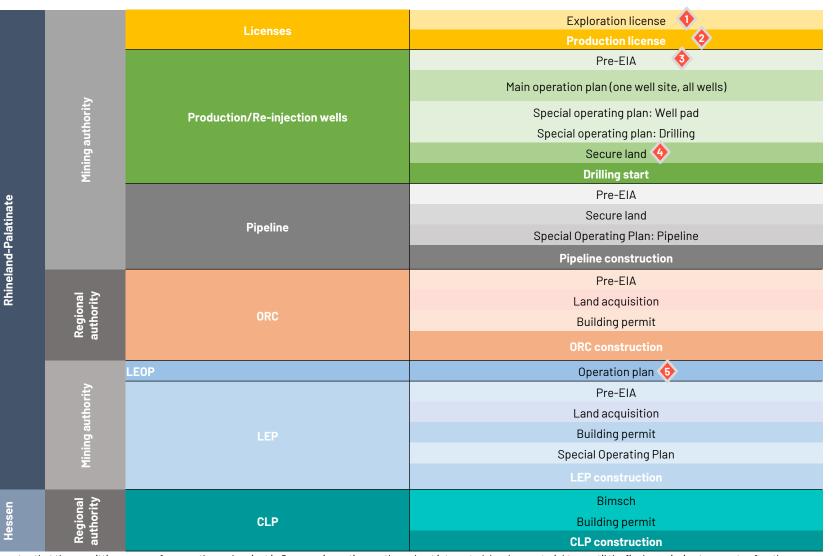


UNGC Member (Since February 2022)



Vulcan Group is certified as a carbon neutral organisation for 2021 under the Climate Active and South Pole certifications

PERMITTING PROGRESS ON TRACK



¹Vulcan notes that the permitting process for a geothermal project in Germany is continuous throughout integrated development, right up until the final permission to operate after the plants are built. Vulcan has initial approvals in place, and the permitting is progressing with finalisation expected within the planned development timeline. There is no guarantee that Vulcan will receive all of its permits within the planned time period or at all.

EIA = Environmental Impact Assessment

Permitting progress

Multiple exploration licenses granted

Insheim geothermal production license acquired

 Multiple pre-EIAs granted in Taro sector, negates need for full EIA for Phase One in this sector

Land acquired for Vulcan's first expansion drilling

LEP Optimisation Plant operation plan approved

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SOCIETAL ACCEPTANCE

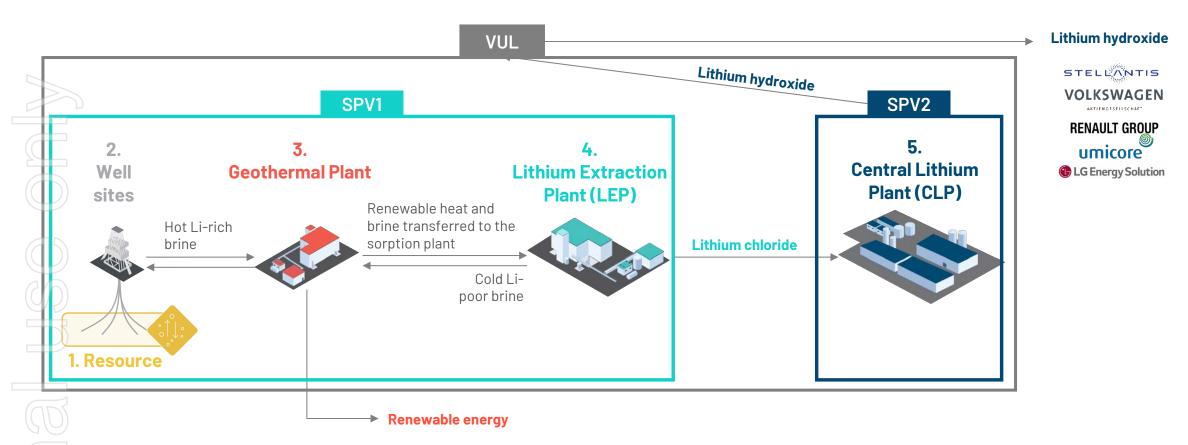
- The Project is developed in cooperation with local communities, as Vulcan directly engages with them to understand and meet their needs.
- Vulcan is doing a substantial amount of work to consult as well as inform the public:
 - 4 Info-Centres have been set up across the region,
 - information meetings held regularly
 - thematic stalls organised in public spaces.
- Majority of local city councils have been voting in favour of Vulcan's work programme for Phase I.
- The project generally enjoys widespread support from the public, in favour of the tangible benefits of the renewable heat and local climate job creation.







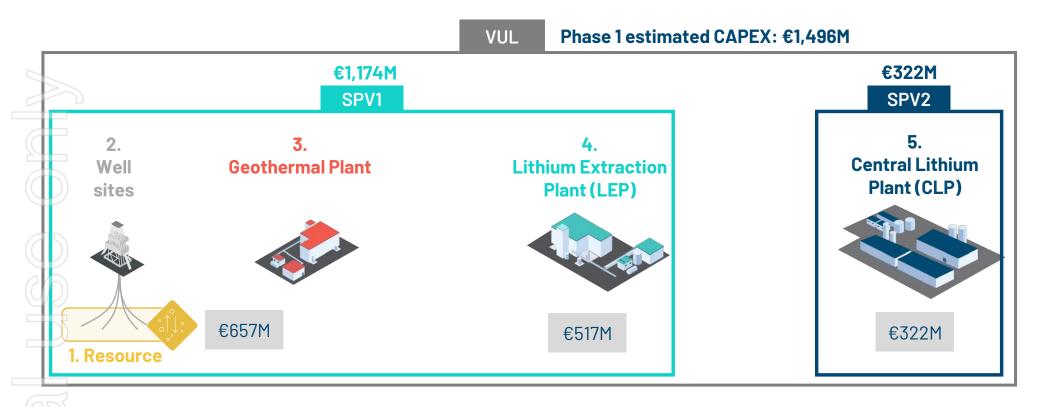
PHASE ONE PROJECT VALUE FLOWS



SPV1 includes the plant and infrastructure associated with the production of renewable energy and lithium chloride (LiCl) and includes land, wells, pipelines, geothermal and lithium extraction plants. SPV1's output includes renewable energy and LiCl, the latter which is sold to SPV2.

SPV2 includes the CLP which converts LiCl into LHM, with a by-product of HCl. LHM will be sold to the Vulcan parent company which will then distribute it to Vulcan's offtakers.

CAPEX BREAKDOWN¹

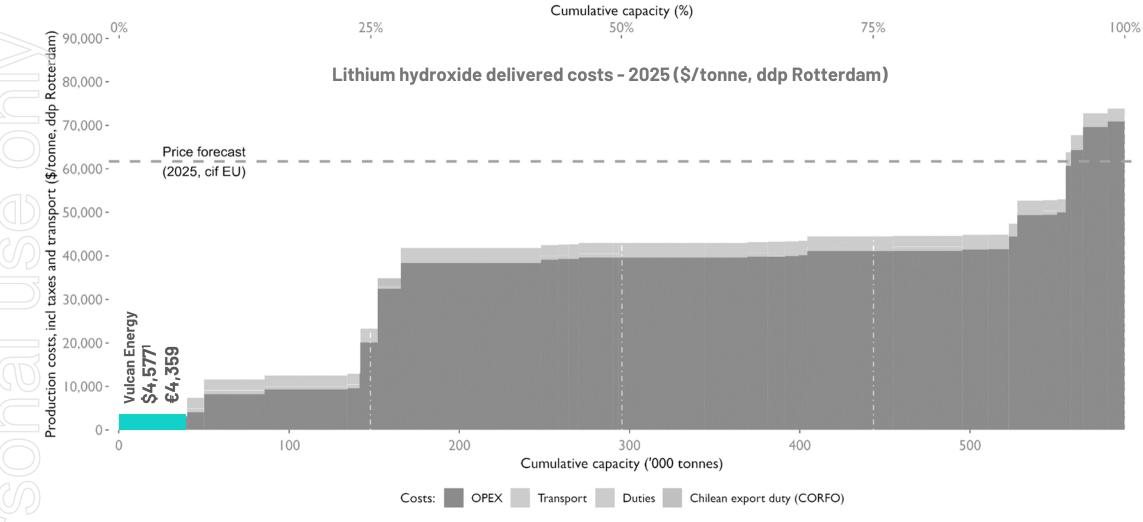


CAPEX includes renewable energy generation, lithium extraction and lithium processing plant and infrastructure. Value improvement opportunities being assessed as part of bridging engineering phase.

Based on Vulcan Energy's DFS . These are targets and may not be achieved. Please refer to the Forward-Looking Statement disclaimer. Estimate Accuracy Based on Design Maturity: SPV Geothermal Est at +/-20%, SPV Lithium Est at +20/-15%. SPV Lithium planned to have the original DFS estimate at Class 3 accuracy (+/-15%), however several value improvements opportunities were identified late in the DFS and sufficient engineering was not able to be completed to achieve Class 3, therefore these opportunities have a lower accuracy than the original estimate, therefore giving an approximate DFS Phase accuracy of (+20/-15%). These opportunities are planned to be developed to the same detail and accuracy as the original estimate in the next phase

GLOBAL COST CURVE LHM – PROJECTED 2025

Vulcan's Zero Carbon Lithium[™] Project has the potential to be one of **the lowest cost integrated LHM projects** in the world.



¹Projected cost curve provided by Fastmarkets and Vulcan's OPEX estimate provided by the Company. Vulcan's OPEX converted from € to \$ using 1.05 EUR/USD FX. Vulcan has used a projected cost curve by Fastmarkets as it is the Price Reporting Agency (**PRA**) for lithium for the London Metals Exchange, and as in Vulcan's view it would be invalid to compare Vulcan's future projected costs with current costs from other companies. Fastmarkets' estimate of a project's costs uses a bottom-up approach based on assumptions about the operations. On top of this, costs for transport to a common location and any duties that would be applied are added to allow comparison from different sources.

ZERO CARBON LITHIUM[™] PROJECT

STRATEGIC SUPPLY PARTNER CONTRACTS

- High quality of European-focused offtake partners.
 - Average EUR 30,283/t price used by Vulcan over 20 year period, from a basket of fixed, floor-ceiling and fully floating price mechanisms in current offtake agreements, and using future forecast from Fastmarkets.
- Provides assurance to lenders during payback period.

€50M Equity investment Binding lithium hydroxide offtake agreement, initial 10-year term.

Binding lithium hydroxide offtake agreement, initial 5-year term.

Binding lithium hydroxide offtake

Binding lithium hydroxide offtake

agreement, initial 5-year term.

agreement, initial 5-year term.

GROUP

STELLA

umicore

C LG Energy Solution

RENAULT GROUP

Binding lithium hydroxide offtake agreement, initial 6-year term.



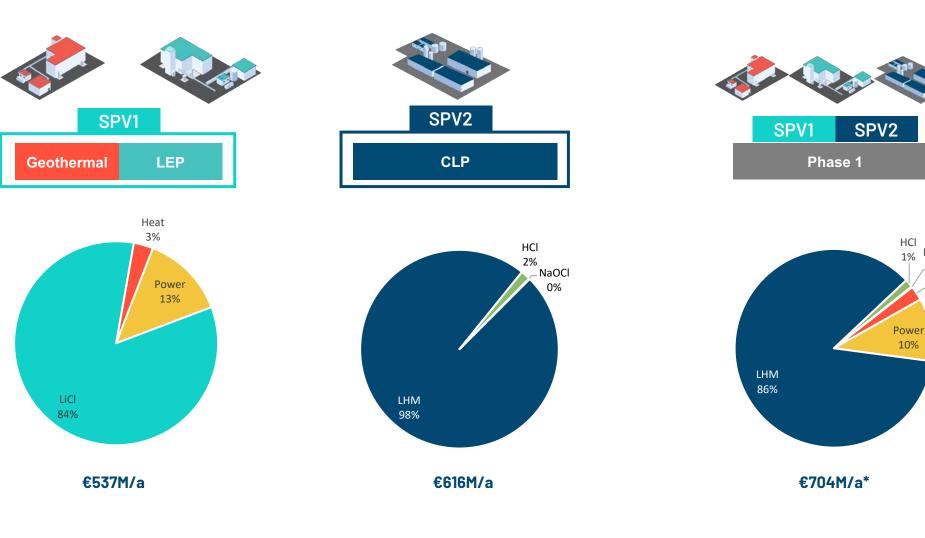
Lithium hydroxide price forecasts¹- €/t

•••••• 20y average realised price

The average forecast realised price per tonne of LHM is taking into consideration Fastmarkets long term price forecast (min 57.5% LiOH)(\$/kg, EU & US) and combining it with Vulcan's pricing concluded in offtake agreements which includes price floors and ceilings, fix prices, and price indexed on indexes like Fastmarkets. Therefore, the average realised price forecast varies from the Fastmarkets long term price forecast. The average realised price forecast is taken into consideration in our financial model and is used to underpin forecast revenues. Lithium prices are subject to unpredictable fluctuations, driven in part by changes in the balance of global supply and demand as well as international, economic and geopolitical trends and developments. Any decrease or significant volatility in the price of or demand for lithium could have a detrimental effect on Vulcan Group's business.

TARGET REVENUES – 20Y AVERAGE¹





NaOCI

0%

Heat

3%

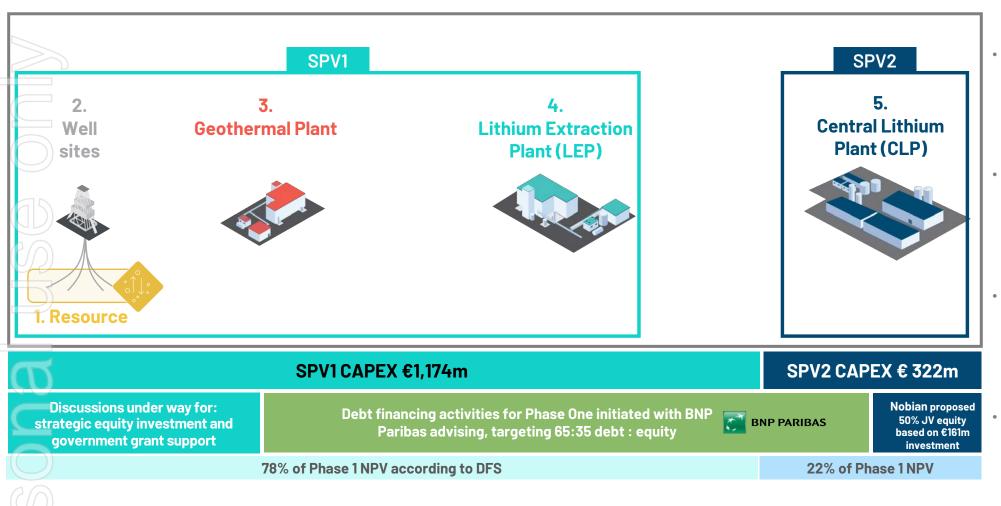
1 Vulcan Energy's Phase One DFS, 13 February 2023. * Consolidated revenue.

TARGET PROJECT ECONOMICS¹

	SPV1	SPV2	SPV1 SPV2
	Geothermal LEP	CLP	Phase 1
Revenues €M/a	537	616	704
Net Op. Cash Flow €M/a	339	104	437
NPV pre-tax m€	3,022	895	3,917
NPV post-tax m€	1,998	572	2,584
IRR before Tax	34.1%	35.5%	34.4%
IRR after Tax	26%	26. 1%	26.1%
Payback in years	3.5	3.3	3.3
Total Capex m€	1,174	322	1,496
Geothermal	657		657
LEP	517		517
CLP		322	322
Avg Opex €/t LiOH	2,656	1,704	4,359

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PHASE ONE PROPOSED FINANCING STRATEGY AND PROGRESS UPDATE



 Debt market sounding exercise completed with positive feedback from banks and ECAs.

- Government backed ECAs from France, Italy and Canada have indicated strong support, including "untied" strategic financing from the French ECA, bpifrance.
- Nobian term sheet envisages 161m EUR (approx. A\$265m) cash equity contribution by Nobian into the CLP SPV2 at a project level, to fund CLP CAPEX.²
- Based on Vulcan's targeted 65:35% debt : equity ratio, the envisaged project level equity funding would fully fund the equity requirement for the CLP.

Project-level equity investment, and EU government-backed debt financing, is consistent with Vulcan's stated funding strategy.

There are no guarantees that Vulcan will be able to raise the funding required for the further implementation of its Zero Carbon Lithium[™] Project. For further information please see the risk factors in Appendices 6 and 7. 2. Equity investment subject to execution of definitive agreements, see announcement of 27 April 2023 for further information.







KEY TAKEAWAYS

The first integrated renewable energy, lithium extraction and lithium hydroxide refining project development, seeking to supply the battery electric vehicle industry from Europe, for Europe.

World-leading sustainability credentials: engineered specifically to be world-first zero Scope 1 fossil fuels, net zero GHG emissions, very low water consumption project.

Compelling financial model from DFS.

Company moving Phase One Project into **bridging engineering** phase, assisted by Hatch Ltd.

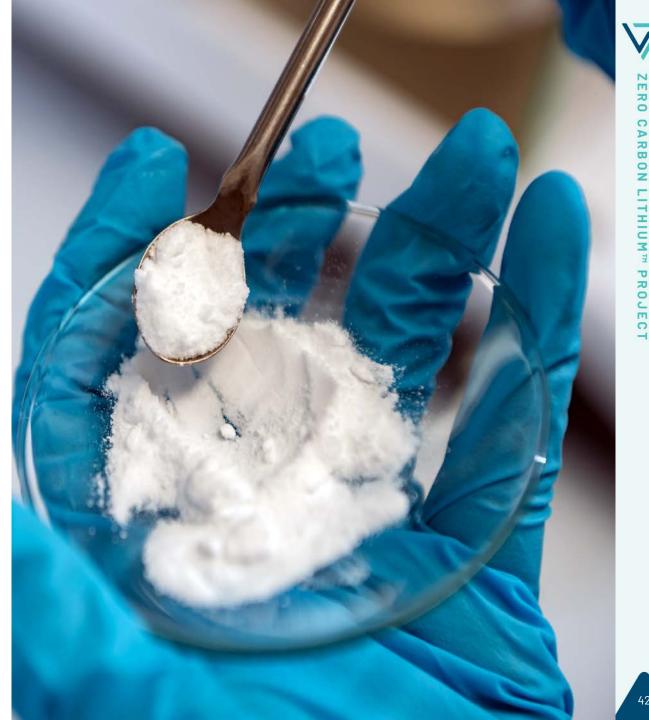
Focus going forward on transitioning to project execution and operations company.

Optimisation Plant to assist with **building operational readiness**.

Team focused on **further de-risking** during project development, particularly during permitting process.

Targeted start of production end-2025.

Financing process for Phase One has commenced, and is progressing on track.



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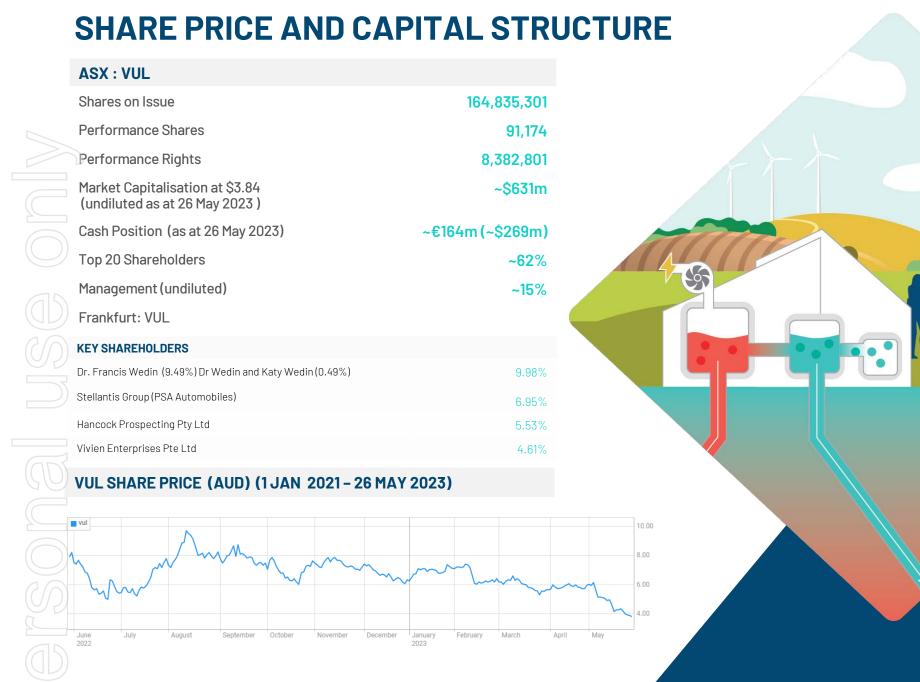
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ZERO CARBON LITHIUM™ PROJECT

Thank you

Questions?

Contact our media and investor

relations team info@v-er.eu

@VulcanEnergyRes|www.v-er.eu|info@v-er.eu ASX:VUL FSE:VUL



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APPENDICES



APPENDIX 1: BOARD OF DIRECTORS



Dr. Francis Wedin Managing Director & CEO

Founder of Vulcan Zero Carbon Lithium[™] Project. Lithium industry executive since 2014. Previously Executive Director of ASX-listed Exore Resources Ltd. Track record of success in lithium industry as an executive since 2014, including the discovery of three resources on two continents. PhD in Geology, MBA in Renewable Energy, global experience in battery metals sector.



Annie Liu **Non-Executive Director**

Annie was the Executive Director of Purchasing for the Ford Model e Line, for all electric products and technology. Annie started her 20+ year career as an engineer at Microsoft before moving to Tesla where she progressed to Head of Supply Chain, Battery and Energy at Tesla. Annie is experienced in building and leading teams from product incubation stage to scale up and mature market bringing a unique blend of entrepreneurial initiative and ability to meet organisation and market growth needs.

A wealth of multi-disciplinary experience across the span of industries that we cover



Gender-balanced, majorityindependent Board of Directors



Gavin Rezos

Executive Chair/CEO positions of three companies that grew from start-ups to the ASX 300. Extensive international investment banking experience. Investment banking Director of HSBC with senior multiregional roles in investment banking, legal and compliance functions. Currently Chair of Resource and Energy Group, principal of Viaticus Capital, Non-Executive Director of Kuniko Limited and Non-Executive Chair Resources & Energy Group Limited.



Dr. Heidi Grön **Non-Executive Director**

Dr. Grön is a chemical engineer by background and an accomplished business leader with over 22 years' experience in the chemicals industry. Since 2007, Dr. Grön has been a senior executive with Evonik, one of the largest specialty chemicals companies in the world, with a market capitalization of €14B and 32,000 employees.



Dr. Günter Hilken **Non-Executive Director**

Dr. Hilken has over 35 years' experience in and a deep understanding of the German chemicals, renewables and infrastructure investment sectors and, through leading industry advocacy associations, the German Government at the State and Federal level. Dr. Hilken is a Senior Advisor to Macquarie Asset Management, Director of Currenta and President and Chairman of the Board of the German Federation of Industrial Energy Consumers (VIK).



Ranya Alkadamani **Non-Executive Director**

Founder of Impact Group International. A communications strategist, focused on amplifying the work of companies that have a positive social or environmental impact. Experience in working across media markets and for high profile people, including one of Australia's leading philanthropists, Andrew Forrest and Australia's former Foreign Minister and former Prime Minister, Kevin Rudd,



Josephine Bush Non-Executive Director

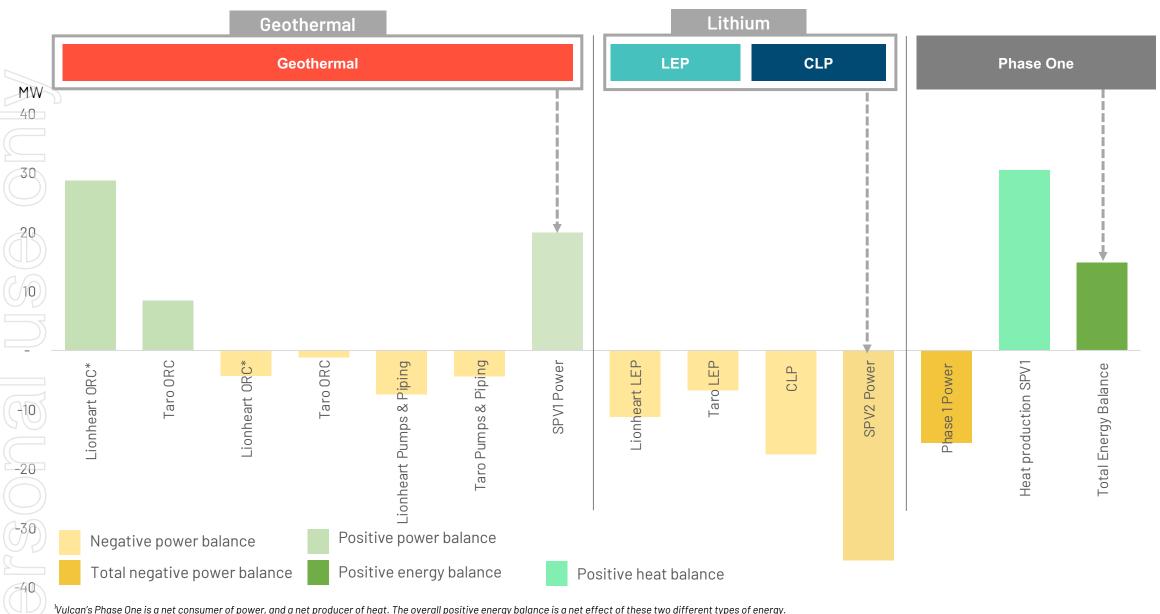
Member of the EY Power and Utilities Board, Led and delivered the EY Global Renewables and Sustainable Business Plan and spearheaded a series of major Renewable Market Transactions. Successfully advised on the first environmental vieldco London Stock Exchange listing, Greencoat UK Wind PLC. Ms. Bush is a Chartered Tax Advisor, holds an MA Law degree from St Catharine's College, Cambridge, and brings a wealth of experience in ESG strategic advisory.



Mark Skelton Non-Executive Director

Mr Skelton has more than 35 years' experience including a 29-year tenure at BP and then at Fortescue Metals Group (Fortescue) in Project Development and general management. A senior leader and advisor with a proven record in delivering major projects, business transformation and developing organisational capability within the mining, energy and oil and gas industries, Mr Skelton has extensive project experience in Australia and internationally.

APPENDIX 2: ENERGY BALANCE: NET POSITIVE PRODUCER OF RENEWABLE ENERGY¹



¹Vulcan's Phase One is a net consumer of power, and a net producer of heat. The overall positive energy balance is a net effect of these two different types of energy.

APPENDIX 3: DLE/DLS PROJECTS AND ASSETS - REFERENCES

	Livent	https://s22.q4cdn.com/453302215/files/doc_presentations/2022/2022.11-Livent-Investor-Presentation.pdf
	Lanke Lithium	https://www.linkedin.com/pulse/from-catamarca-qinghai-commercial-scale-direct-lithium-alex-grant/ http://www.asianmetal.com/news/1665421/Lanke-lithium-plans-to-launch-commercial-production-of-battery-grade-lithium-carbonate
\geq	Zangge Lithium	https://www.linkedin.com/pulse/from-catamarca-qinghai-commercial-scale-direct-lithium-alex-grant/
Jintai Lithium https://www.linl		https://www.linkedin.com/pulse/from-catamarca-qinghai-commercial-scale-direct-lithium-alex-grant/
	Eramet/Tsingshan	https://www.eramet.com/sites/default/files/2022-05/2022-05-Eramet%20Investor%20Presentation-May%202022.pdf
_	Standard Lithium	https://www.standardlithium.com/projects/arkansas-smackover
	Rio Tinto	https://www.rinconmining.com/wp-content/uploads/2021/10/Rincon-FINAL-E-210921-FINAL.pdf
\leq	CTR	https://www.cthermal.com/projects
_	Berkshire Hathaway	https://www.ft.com/content/c9760a4e-1a76-11e9-9e64-d150b3105d21
11	Lake Resources/Lilac	https://lakeresources.com.au/wp-content/uploads/2023/01/lke_kachi-resource_11-jan-23.pdf
	Compass Minerals	https://s22.q4cdn.com/834578860/files/doc_presentations/2022/12/DB-Lithium-Battery-Supply-Chain-Conf-v4-(12.02.22).pdf
	E3 Metals	https://www.e3lithium.ca/_resources/presentations/corporate-presentation.pdf?v=0.084

APPENDIX 4: EUROPEAN LITHIUM PROJECTS PEER COMPARISON REFERENCES

C	OMPANY ¹	CODE	PROJECT	STAGE	RESOURCE CATEGORY	RESOURCES M TONNES	RESOURCE GRADE (LI20)	CONTAINED MT LCE TONNES	INFORMATION SOURCE
E	uropean Metals	ASX: EMH	Cinovec	PFS Complete	Indicated & Inferred	708.2	0.43	7.39	Annual Report June 22
R	Rio Tinto	ASX: RIO	Jadar	PFS Complete	Indicated & Inferred	144	1.80	6.12	Annual Report Dec 21
Ir	nfinity Lithium	ASX: INF	San Jose	PFS Complete	Indicated & Inferred	111.2	0.61	1.68	Annual Report June 22
/ </td <td>avannah Resources</td> <td>AIM: SAV</td> <td>Barroso</td> <td>DFS Underway</td> <td>Measured, Indicated & Inferred</td> <td>27.0</td> <td>1.06</td> <td>0.71</td> <td>Corporate Presentation December 2022 – Company Website</td>	avannah Resources	AIM: SAV	Barroso	DFS Underway	Measured, Indicated & Inferred	27.0	1.06	0.71	Corporate Presentation December 2022 – Company Website

Note 1: Data provided for lithium focused peers with comparable project size and stage and published resource information

APPENDIX 5: KEY RISKS TECHNOLOGY / EXECUTION / RESOURCE

Risk Description	Mitigation
Technology: VULSORB™ industrial manufacturing capability still to be demonstrated.	Currently in discussions with a local toll manufacturer to manufacture VULSORB [™] , who is already supplying Vulcan for its Optimisation Plant. Similar to other sorbents which have also been tested in Vulcan's pilot plants, are commercially available and could be used instead.
Technology: VULSORB™ + pressurised operation has limited pilot scale testing so far.	If pressurised operation is not seen as successful, the Project can revert back to the proven atmospheric mode of operation, which has many thousands of hours of successful testwork.
Technology: Electrolysers – widely used in salts industry but not yet commercially used on lithium salts.	Extensive Demonstration Plant testwork conducted by NORAM and other companies on LiCl electrolysis over many years. Planned to be further backed up by operational tests in Electrolysis Optimisation Plant, using a commercial scale electrolyser, which is aimed to optimise process parameters and operating conditions.
Technology: Optimisation Plant operational data after design freeze in April could lead to change during Bridging or Execution Phase	Extensive pilot plant data already provides some risk mitigation. Expedite Optimisation Plant data during bridging and execution to optimise process parameters and operating conditions.
Execution: Delay in order of Long Lead Items (LLI) of Equipment packages and award of EPC/EPCm contracts and further supply chain issues	All LLI have been identified and clear schedule to be awarded and clear advancement of vendor data to support 3D model to achieve 60% model review ASAP. Bridging moving to E&P Phase rather than just Engineering and clearly identified LLI and award of EPCm, see Hatch updated Bridging phase scope and deliverables.
Execution: Some critical decisions by authorities on permitting pathway - risk of delay. There is no guarantee that Vulcan Group will be able to obtain all required approvals, licences and permits for lithium and geothermal renewable energy production in time or at all.	Proactive engagement with authorities, selection of sites outside of environmentally sensitive areas.
Execution: Brine production expansion drilling programme dependent on continued success of land purchase,permits and then significant ramp up in capability and capacity.	Proactive engagement with local stakeholders and authorities, focus on first areas in schedule
Execution: Bridging phase is front-end loaded with numerous intensive and parallel work streams including approvals, engineering, contracts and procurement, financing to meet early milestones and protect overall execution phase.	Project Directorate in place and on the ground, Integrated Level 2 schedule now developed showing key links between projects and what risk and workstream pushes what
Execution: Speed and ramp up of Project Execution teams to deliver projects	Vulcan group rolling out transition to Functional Organisation with Execution focus, Project Directorate and other key roles identified and recruitment ongoing
Execution: The target execution schedule (27 months from detail design to start of production) is a tight schedule	27 months is well benchmarked across other key Battery related projects in Europe and globally, key execution risks need mitigating early on and supported by early decision making
Economics: FX EUR/USD: all LHM offtakes are linked to a PRA with a USD index or a fixed price in USD	Commercial team to explore converting offtakes to EUR-linked pricing index when the European lithium market matures.
Economics: DFS CAPEX estimate is combination of Class 3 (+/-15%), accuracy and Order of Magnitude accuracy for the late Value Improvements.	DFS Phase took budgetary quotes at the top of the commodity cycle with high inflationary conditions. Key budgetary quotes related to HP mode equipment were re-budgeted by suppliers and included in DFS Cost Estimate. Contingency and Design Allowance are included where applicable. These opportunities are planned to be developed to the same detail and accuracy as the original estimate during Bridging and an Open Book Estimate (OBE) approach is planned to be used during Bridging to understand trends against DFS.
Resource: Brine flow rate risk	Due to field development plan simulation results, lower "per well" brine flow rate has been shown to be more optimal for lithium sweep, therefore more conservative brine flow rate assumptions have already been used, of 69I/s average (>100I/s in PFS). This is in line with the Vulcan's current geothermal wells and plant in operation. Use of 3D seismic targeting fault zones correctly and optimised for flow are expected to further reduce risk. Finally, measures such as side-track/double-completion drilling can be used to increase flow rates.
Resource: Unforeseen geological conditions impacting total resource	Integration of 3D seismic data into work plan. Expedite new production/re-injection well drilling to further reduce risk.
Resource: Seismicity events during ramp up of the field	Incorporate experience of the team in managing seismicity from Vulcan's existing geothermal operations, including extensive monitoring and "traffic light" system of warnings. Manage ramp-up sensibly and conduct best practice seismicity risk studies prior to commencing ramp up.

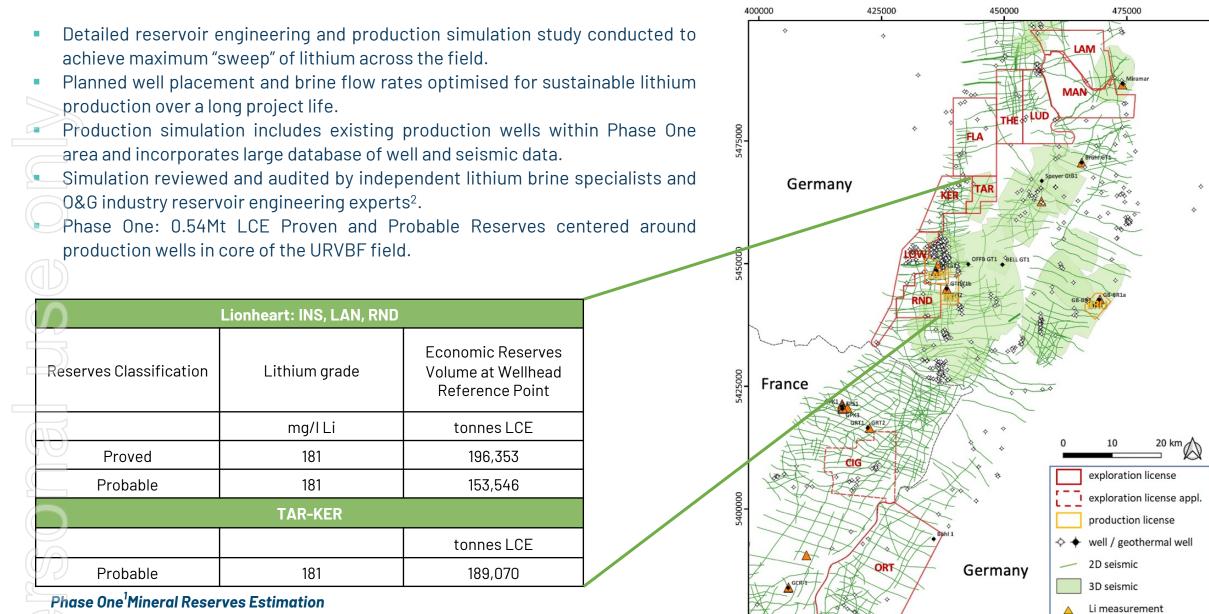
APPENDIX 6: KEY RISKS GENERAL

Risk Description	Vitigation				
Markets: General demand for lithium hydroxide may decrease as a result of new market or technological developments and other factors. Any such factors resulting in a decrease in the general demand for lithium lithium hydroxide may base a detrimental effect on Vulcan Group's business.	Vulcan closely monitors developments in the battery industry, and preferred battery chemistries. Vulcan notes that, whilst EU customers are investing in battery manufacturing which requires lithium hydroxide, other current battery types such as LFP us ithium carbonate, which Vulcan can switch the back-end of its process to making with relative simplicity. Future battery-types such as solid state, use LiCl, which Vulcan produces as a precursor, giving flexibility.				
programizations in response thereto and countermeasures implemented by Russia have adversely affected, and may continue to adversely affect, the availability and price of equipment, components and energy, supply chains,	Vulcan has the ability to produce most of the power it needs and consume it internally, so is somewhat insulated from sharp price increases in power. Vulcan does not directly consume any fossil fuels, providing further mitigation. Vulcan will seek to we with suppliers to mitigate effects of equipment and materials price fluctuation, however there may still be supply chain interruptions and increases in the cost of equipment.				
ESG: Vulcan Group may fail to achieve its sustainability ambitions or fail to maintain current or obtain potential uture ESG ratings and sustainability-related certifications, each of which could have a material adverse effect on the business, assets, results of operations, financial condition, prospects and reputation	Vulcan has appointed a Head of ESG and has a Board Director with very extensive ESG-related experience. Vulcan engages wit expert third party consultants, including ERM and Baringa, to provide up to date advice on the changing ESG landscape, to ensu t maintains its status as an ESG-leader. In addition, Vulcan is ensuring that sustainability related topics are embedded within i engineering and procurement practices including setting executive individual and group KPI's with ESG baseline metrics.				
supply and demand as well as international, economic and geopolitical trends and developments. Any decrease or significant volatility in the price of or demand for lithium could have a detrimental effect on Vulcan Group's s	Vulcan has put in place a series of binding, take or pay lithium hydroxide offtake agreements for the first five years, and in one case the first ten years, of production. These offtake agreements are based on a basket of different mechanisms, providing some downside protection against lower prices. Vulcan is also targeting a very low OPEX, meaning it would be somewhat protected against lower prices.				
Markets: Any decrease in the price or demand for geothermal energy may have a detrimental effect on Vulcan Broup's business	The portion of revenue derived from geothermal energy in Vulcan's financial model is very minor. In addition, Vulcan expects to sell power under a 20 year feed-in tariff under the German Renewable Energy Law. Finally, because Vulcan is a consumer as we as a seller of energy, the effect of lower prices would also be offset by lower OPEX costs.				
Financial: Significant future funding will be required by Vulcan Group to support the further implementation of its Gero Carbon Lithium™ Project. If Vulcan Group is unable to obtain additional financing as needed on acceptable Lerms or at all, it may need to abandon its development plans or reduce and/or change their scope which may, in turn, adversely affect Vulcan Group's operations.	Vulcan is taking a multi-pronged approach to financing, which involves assessing the possibility for equity financing at a projec evel (geothermal, lithium extraction, lithium refining, or a combination), equity financing at a top-co level, debt financing and grant funding from public bodies. Vulcan is working with a multi-disciplinary team at BNP Paribas on a debt financing process, and has already attracted non-binding letters of intent from Export Credit Agencies in Europe. Vulcan is expecting support at a German Federal and European level. Additionally, Vulcan aims to be supported by its existing shareholders, including institution investors and large corporates.				
reconnical: The resource estimates relating to vulcan Group's current and future projects are subject to certain assumptions and interpretations which may prove to be inaccurate. Any material deviations may result in alterations to development plans which may in turn, adversaly affect Vulcan Group's operations	Vulcan plans to regularly update its models as it gathers new data, including from the drilling of development wells in the Phase One areas, the sampling of brines from these wells, logging of core, and 3D seismic acquisition and processing. Resource estimates are planned to therefore be updated and refined accordingly, allowing Vulcan to progressively mitigate the risk as the project develops.				
Financial: As it is envisaged to incur significant debt in the future, an increase in interest rates would likely increase b	Because of its sustainability credentials, Vulcan expects to qualify for so-called "green financing", which can involve a reduced porrowing interested rate. This would provide some mitigation for rising interest rates. In addition, Vulcan is in discussions with European public funding institutions, including the lending arm of the EU and Export Credit Agencies.				
	Vulcan has a granted utility patent and several patents pending, as well as granted and pending trademarks in a number of urisdictions. Vulcan will continue to engage expert IP counsel to protect its rights going forward.				

APPENDIX 6: KEY RISKS GENERAL CONT.

Risk Description	Mitigation
echnical: Battery raw materials and geothermal energy exploration and development are high-risk Indertakings and there is no assurance that Vulcan Group's exploration activities will result in the commercial Extraction of lithium or sustainable production of geothermal renewable energy.	Vulcan uses modern geothermal industry best practice by incorporating 3D seismic data and analysis and has a world class team, with considerable local geological expertise to advance its exploration and consequently its production to progress towards sustainable production.
Social acceptance: Vulcan's projects may face opposition from local residents and other stakeholders, which nay result in delays, additional costs, discontinuation of construction or operations and uncertainty.	All large-scale infrastructure projects require strong community engagement to ensure any concerns are addressed. Vulcan takes this extremely seriously and has resourced an experienced public and stakeholder relations team with deep local knowledge. We use geothermal industry best practice, and we are commencing community engagement in the various areas where we intend to develop projects. Our current engagement to date, which clearly and transparently explains our process to develop renewable heat and power, combined with sustainable lithium extraction has informed our view that we will achieve stakeholder acceptance and manage delays.
Loss of key personnel: Vulcan may lose its directors or other key personnel or may be unable to recruit or retain gualified personnel for key positions. Without such directors or key personnel Vulcan Group may not be able to successfully manage, develop and operate its business	Vulcan strives to create a safe, attractive, rewarding and engaged workplace to retain and incentivise its staff, including regularly engaging with staff through surveys and external remuneration consultants in an attempt to maintain this environment.

APPENDIX 7: PHASE ONE PRODUCTION STUDY AND RESERVES



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Phase 2 Reserves currently not updated since 2021 PFS, to be updated during current Phase 2 feasibility studies Refer to Competent Person Statement. 고

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APPENDIX 8: UPPER RHINE VALLEY BRINE FIELD: MINERAL RESOURCE

Licence	Reservoir	Classification	GRV km ³	Avg. NTG	Avg.	Avg. Li	Elemental Li	LCE ³
				%	Phie	mg/L	t	kt
					%			
Mannheim	BST	Indicated	4	90	10	153	54,111	288
	BST	Inferred	32	65	9	153	290,312	1,545
Ludwig	BST	Indicated	7	90	10	153	93,220	496
	BST	Inferred	22	65	9	153	199,226	1,060
Therese	BST	Indicated	2	90	10	153	29,907	159
	BST	Inferred	22	65	9	153	200,708	1,068
Flaggenturm	BST	Indicated	7	90	10	181	115,215	613
	BST	Inferred	37	65	9	181	391,201	2,082
Kerner	BST	Indicated	5	90	10	181	76,242	406
	BST	Inferred	13	65	9	181	132,558	705
Kerner (East)	*MUS, BST, ROT	Indicated	4.3	73	8	181	66,708	355
Taro	*MUS, BST, ROT	Indicated	14.5	73	8	181	237,362	1,263
Landau (South)	*MUS, BST, ROT	Measured	7.4	73	8	181	102,383	545
	BST	Indicated	1.2	90	11	181	22,220	118
Insheim	*MUS, BST, ROT	Measured	9	73	8	181	127,779	680
Rift (north)	*MUS, BST, ROT	Measured	10.1	73	8	181	134,132	714
	*MUS. BST. ROT	Indicated	11.9	73	8	181	178.000	946
Ortenau	*MUS, BST, ROT	Indicated	57	73	8	181	659,013	3,507
	BST	Inferred	105	73	8	181	1,883,212	10,024
						mg/L		kt
Total LCE		Measured				181		1,939
		Indicated				178		8,151
		Inferred				172		16,484

Total URVBF Resource: Inferred 16.5Mt LCE @ 172mg/I Li, Indicated 8.2 Mt LCE @ 178 mg/I Li, Measured 1.94 Mt LCE @ 181 mg/I Li.

Total Phase One Resource (Measured and Indicated): 4.6 Mt LCE @ 181 mg/I Li

Total Resource (all classifications): 26.6 Mt LCE @ 175 mg/l Li

Refer to Competent Person Statement.

Note 1: Mineral Resources are not Ore

economic viability.

above.

Reserves and do not have demonstrated

Note 2: The weights are reported in metric

tonnes (1,000 kg or 2,204.6 lbs). Numbers may 📻 not add up due to rounding of the resource

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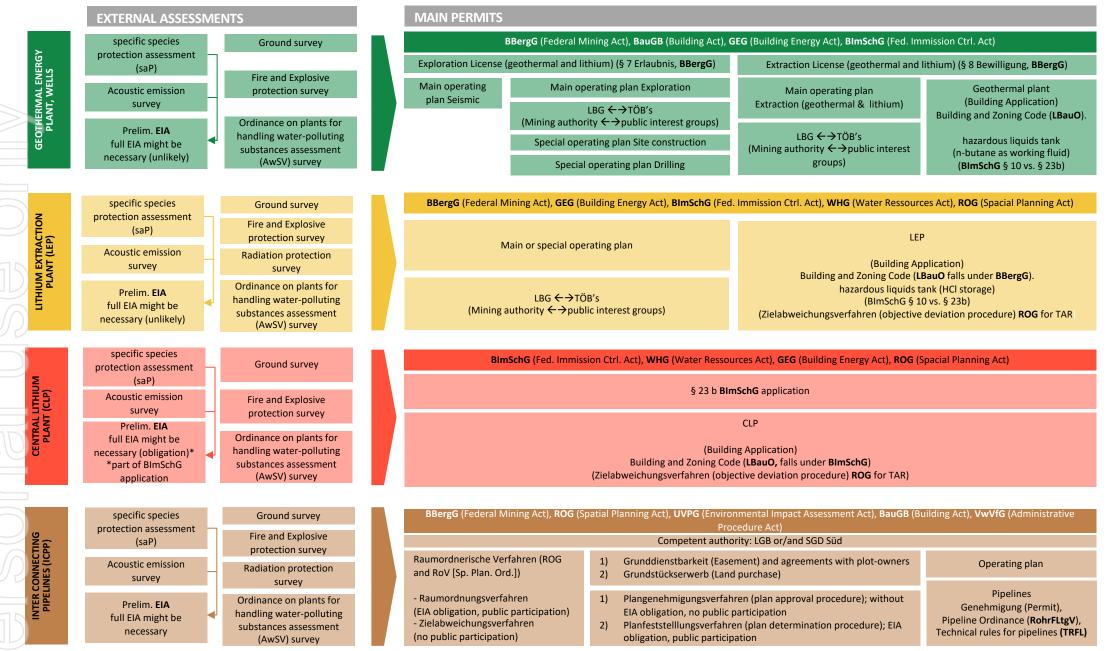
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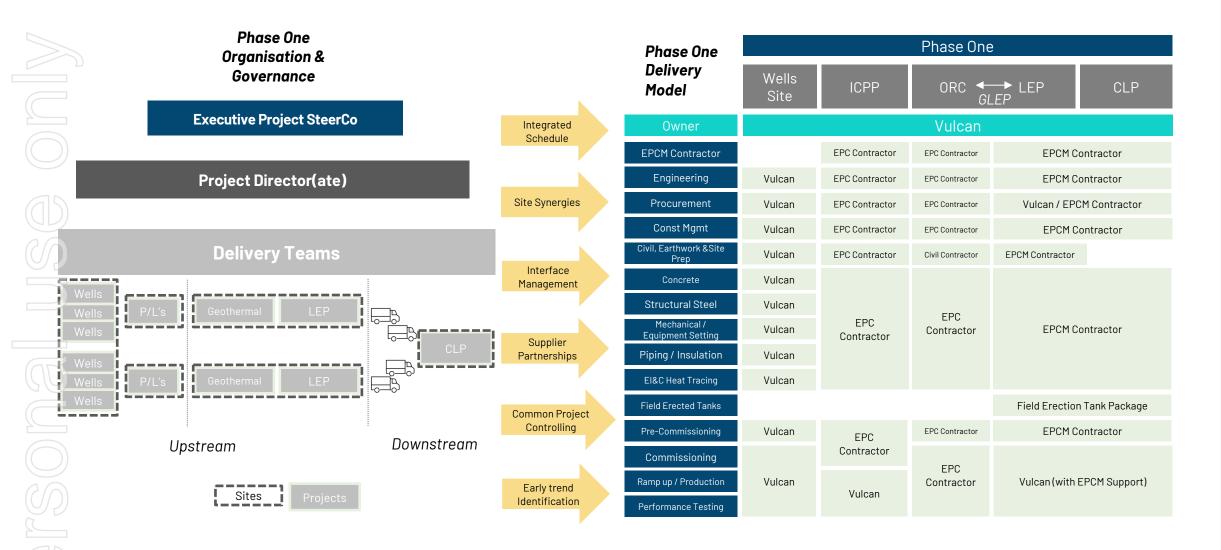
APPENDIX 9:PERMITTING PROCESS



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APPENDIX 10: INTEGRATED PROJECT DELIVERY MODEL

Strategy moving towards project execution and delivery model



APPENDIX 11: FINANCIAL DEFINITIONS

- CAPEX = Capital Expenditure in tangible and intangible assets
- EBIT = Earnings before interest and taxes
- EBITDA = Earnings before interest, taxes, depreciation and amortisation
- IRR = Internal Rate of Return
- Net Income (EAT) = Earnings after tax
- NPV = Net Present Value
- NPV_8 = Net Present Value using a discount rate of 8%
- OPEX= Operating expenditure including reagents, operating supplies, maintenance supplies, water, steam, nitrogen, energy, labour, trucking, services and other costs. Operating expenditure excludes corporate overhead costs for DFS Phase One purposes.
 - Operating Margin = Profit on sales after costs of production, expressed as a percentage
 - Payback = Period of time required for the return on an investment to repay the total initial investment

APPENDIX 12: THE ZERO CARBON LITHIUM[™] PROJECT: A CIRCULAR PROCESS



APPENDIX 13: COMPETENT PERSON STATEMENT

The information in this presentation that relates to estimates of Mineral Resources and Ore Reserves is extracted from the following ASX announcement:

• "Vulcan Zero Carbon Lithium™ Project Phase One DFS results and Resources-Reserves Update", released on 13 February 2023.

The above announcement is available to view on Vulcan's website at www.v-er.eu.

Vulcan confirms that, in respect of estimates of Mineral Resources and Ore Reserves included in this presentation:

it is not aware of any new information or data that materially affects the information included in the original market announcement, and that all material assumptions and
 technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed;

the form and context in which the Competent Persons' findings are presented in this presentation have not been materially modified from the original market announcement; and

all material assumptions underpinning the production targets (and the forecast financial information derived from such production targets) included in this presentation continue to apply and have not materially changed.