



CAPABILITY STATEMENT

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ABOUT US

- + A specialised, privately held engineering group, with a global mining footprint.
- + We focus on fast-tracked design, fabrication and construction of fit-for-purpose minerals processing plants on a fixed price basis (EPC/LSTK).
- + Plants are pre-fabricated and assembled on site and the team specialises in delivering projects in developing countries and Tier-1 jurisdictions.

This expertise bridges our understanding of in-ground ore deposits with tailored recovery solutions, ensuring a compelling and economically viable proposition across the entire mining value chain, from Greenfield exploration projects to active production mines.

The Stark team have been professional throughout the design process. The quality of output for key deliverables has been to a high standard and provided in a timely manner. Adhoc requests have been addressed quickly and the team went above and beyond to obtain real operational examples to support technical requests. It was great to work with Ryan, Rheinhardt and the team.

Ben Holloway
**General Manager Projects and
Technology - Lithium**



WHY STARK RESOURCES

Unlock the full potential of your orebody
within your financial means.

We offer clients:

+ **ADVISORY SERVICES:**

Our advisory journey blends tailored consultation, championed test work scoping, and in-depth studies.

+ **ADVANCED OREBODY CHARACTERISATION:**

We analyse your orebody, recommend tailored recovery technology solutions and conduct objective test work at accredited laboratories independent of OEM sorting suppliers.

+ **UNBIASED TURNKEY SOLUTIONS:**

As an independent integrator, we incorporate next-generation ore sorting technologies to maximise your mining project's efficiency and profitability.

+ **SEASONED INDUSTRY EXPERTS:**

Our team is led by experienced mining professionals who've had extensive careers with major mining companies.

+ **A COLLABORATIVE PARTNERSHIP:**

We care about having a long-term partnership with you. It's not only about implementing cutting-edge technology, but also continuously optimising it.

+ **MINERAL PROCESSING PLANT BUILDS:**

Our designs are robust and pre-fabricated before shipping, ensuring seamless assembly on-site as well as the option to reconfigure and redeploy quickly and cost effectively. We require short lead times and deliver reliable solutions that are both fit-for-purpose and built in-house to last.



We're so happy to be working with Stark Resources. We're impressed by their competence, experience, dedication, and their ability to think outside the box and solve problems. Very important for early stage and low-cost oriented companies like ours, operating in challenging environments.

Thomas Häggkvist
Chief Executive Officer



AFRICA RESOURCES

OUR TEAM

STARK is staffed and managed by senior mining industry professionals, many of whom have previously enjoyed careers across disciplines such as geology, engineering, mine engineering, mineral processing, metallurgy, construction, and original equipment manufacturing (OEM) at large-scale operators.

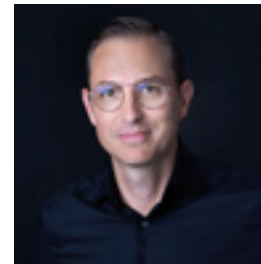
TOTAL EMPLOYEES 100+

LANGUAGES SPOKEN 15

STARK LOCATIONS 4

THE LEADERSHIP TEAM

The Stark Resources team is lead and supervised by senior mining industry professionals who have had extensive careers with major mining operators.



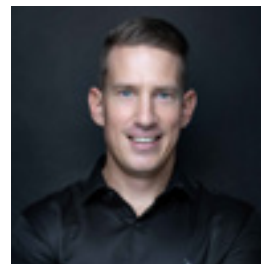
Geoffrey Madderson
CHIEF EXECUTIVE OFFICER
GERMANY



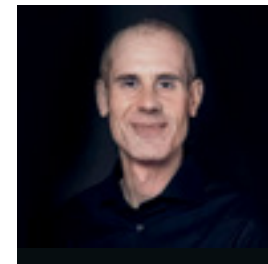
Jaco Prinsloo
CHIEF OPERATING OFFICER
SOUTH AFRICA



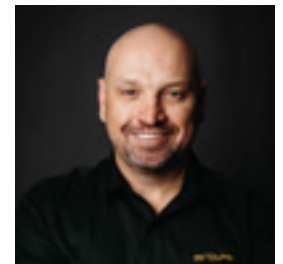
Fabian Riedel
CHIEF TECHNICAL OFFICER
GERMANY



Dian Heinrich Page
GROUP HEAD OF ADVISORY
GERMANY



Lode Theunynck
HEAD OF CUSTOMER EXPERIENCE
GERMANY



Rheinhardt Peens
MANAGING DIRECTOR
AUSTRALIA

OUR SOLUTIONS FOR CLIENTS

While each project is personalised – no two orebodies are the same – it's possible to classify most client needs by their stage along the mining lifecycle:

ADVISORY

Our team leverages a comprehensive gap analysis – encompassing geology, geotechnical engineering, mine planning and engineering, metallurgy, metallurgical test work, ore sorting tests, and mineral processing designs. We'll pinpoint avenues for optimal value generation.



LARGE-SCALE PLANTS

The primary focus of these plants is to generate revenue, with a quick payback time. We aim to build these plants in less than a year, though the exact time-scale will depend on modules required, alongside the quality of surrounding infrastructure.



SMALL-SCALE PLANTS

These plants are designed to be revenue-generating from day one of handover, with a focus to help improve the understanding of a deposit, which has seen limited analysis, and prove potential profitability to funding houses, offtake partners, or potential Joint Venture partners.



BROWNFIELD OPTIMISATION

Are you already operating a profitable plant? We have first-class expertise to optimise your entire operation. We can implement a full diagnostic and install our modular solutions in as little as a few weeks, and with a rapid payback time.

HYBRID DMS AND ORE SORTING SOLUTIONS

The modular DMS is a distinct approach to traditional DMS. It allows for easy scalability and adaptability to varying processing requirements, making it a more sustainable and cost-effective solution in many mineral processing applications. The modular DMS is flexible and optimised for efficient operation and can include smart features to monitor real-time performance.

We are world-leading experts in the integration of ore sorting technology. Stark uses the most advanced orebody analysis techniques to check the ore sorting suitability in an ore body. We're able to secure ore sorters from a comprehensive range of suppliers within the market, and can proficiently implement a wide array of mining technologies. We can enhance and recalibrate virtually every aspect of your plant.



STARK'S APPROACH TO PROJECT EXECUTION

1

TEST WORK

We determine suitable technologies and parameters for your project by managing ore characterisation, amenability and bulk testing for comminution, as well as ore sorting, hydro metallurgical gravity and magnetic separation.

2

ENGINEERING STUDIES

The application of test work findings to create mechanical and electrical systems that enhance the extraction of valuable minerals. These studies consider the balance between time spent, financial investment, and the minimisation of technical and commercial risks. Our clients' preferences guide this balance.

3

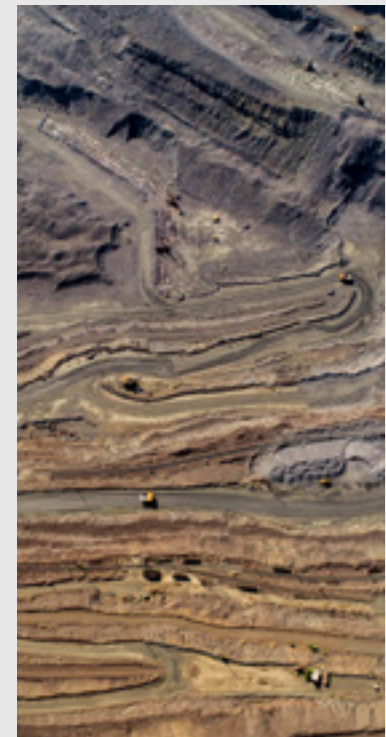
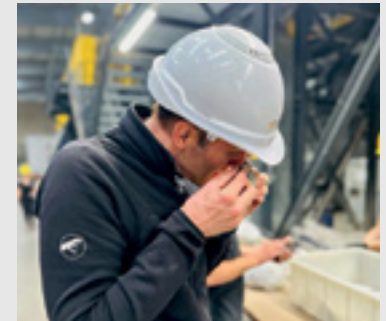
EXECUTION

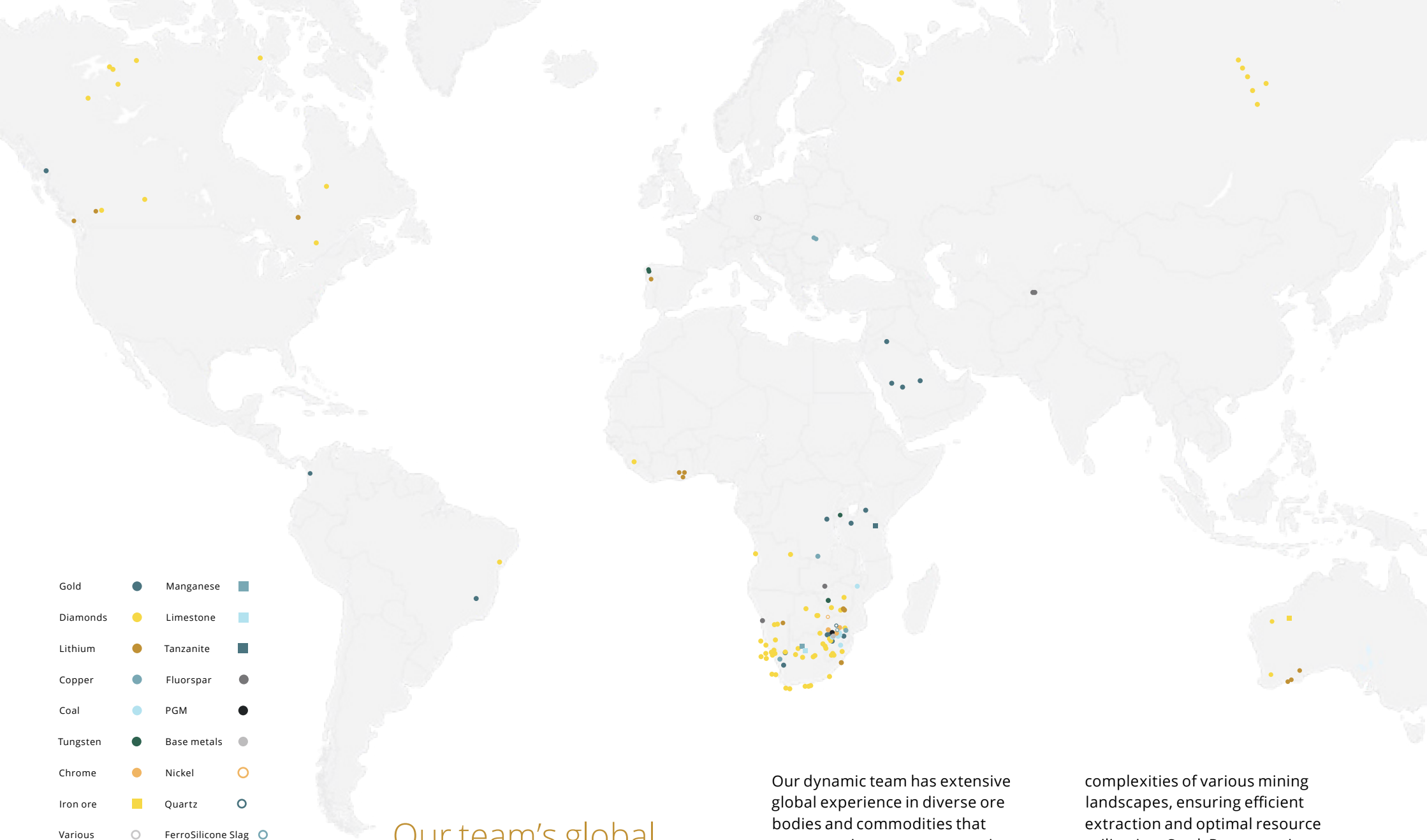
Fast-track your project execution to minimise the period between capital investment and revenue generation. We recognise that every mining project is unique, our agile approach to execution allows us to adapt and respond swiftly to evolving circumstances.

4

OPTIMISATION

We specialise in identifying processing challenges within mining operations and providing comprehensive solutions and implementing next-generation technologies to optimise inefficiencies. Our goal is to ensure operational efficiency and enhance overall performance.

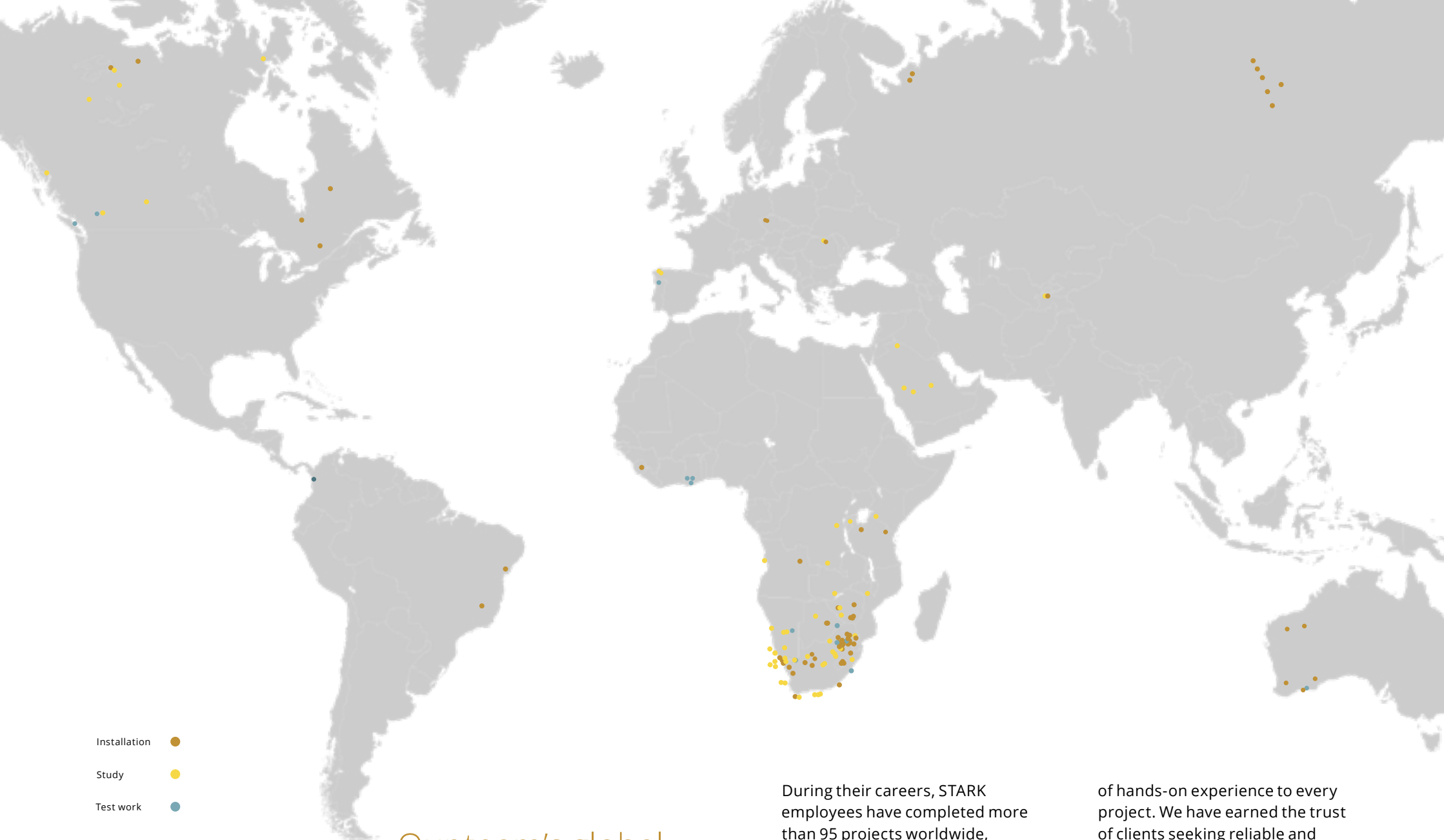




Our team's global experience in **COMMODITIES**

Our dynamic team has extensive global experience in diverse ore bodies and commodities that spans continents, encompassing a wide spectrum of geological formations and mineral resources. With a proven track record, we excel in navigating the

complexities of various mining landscapes, ensuring efficient extraction and optimal resource utilisation. Stark Resources is committed to delivering innovative solutions, leveraging our in-depth knowledge to drive success in the ever-evolving mining industry.



- Installation ●
- Study ●
- Test work ●

Our team’s global
experience in
PROJECT WORK

During their careers, STARK employees have completed more than 95 projects worldwide, showcasing a comprehensive portfolio of installations, studies, and client-specific test work. etc. Fuelled by a commitment to excellence, we bring a wealth

of hands-on experience to every project. We have earned the trust of clients seeking reliable and innovative solutions. Partner with us to benefit from our proven track record in driving success across diverse mining projects on a global scale.

OUR 2030 VISION

We have a bold vision of how the world of mineral recovery can look by 2030.



Smart technology and digital solutions are used to explore and liberate opportunities.



We're pursuing a perfectly balanced processing eco-system that leads to high-resource recovery with minimal impact.



Advanced technologies, like ore sorting, are creating synergies with traditional methods.



Trucks use carbon neutral energy. Chemicals aren't needed.



Plants are fuelled and powered by self-generated solar and wind energy.



The mining space is transformed into a natural habitat once resources are recovered.

LOCATIONS WORLDWIDE

GERMANY

Stark Resouces GmbH
Elbring 10
22880 Wedel
Germany

📍 53.56689142092943, 9.730723018622447

SOUTH AFRICA

Limeroc Business Park
Erf 6 Peach Tree X23
Knoppieslaagte Rd.
Centurion, 0157

📍 -25.906719595592786, 28.034183752401223

AUSTRALIA

Level 2
10 Ord Street
6005 West Perth
Western Australia

📍 -31.95064384396577, 115.84270217876866

UNITED KINGDOM

Sovereign House
Port Causeway
Bromborough, Wirral
United Kingdom
CH62 4TP

📍 53.34454621855661, -2.9764317154937183






EXPEDITED MINERAL PROCESSING SOLUTIONS

Any questions? We are always at your service.

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