



18 September 2024

Capability statement

General introduction





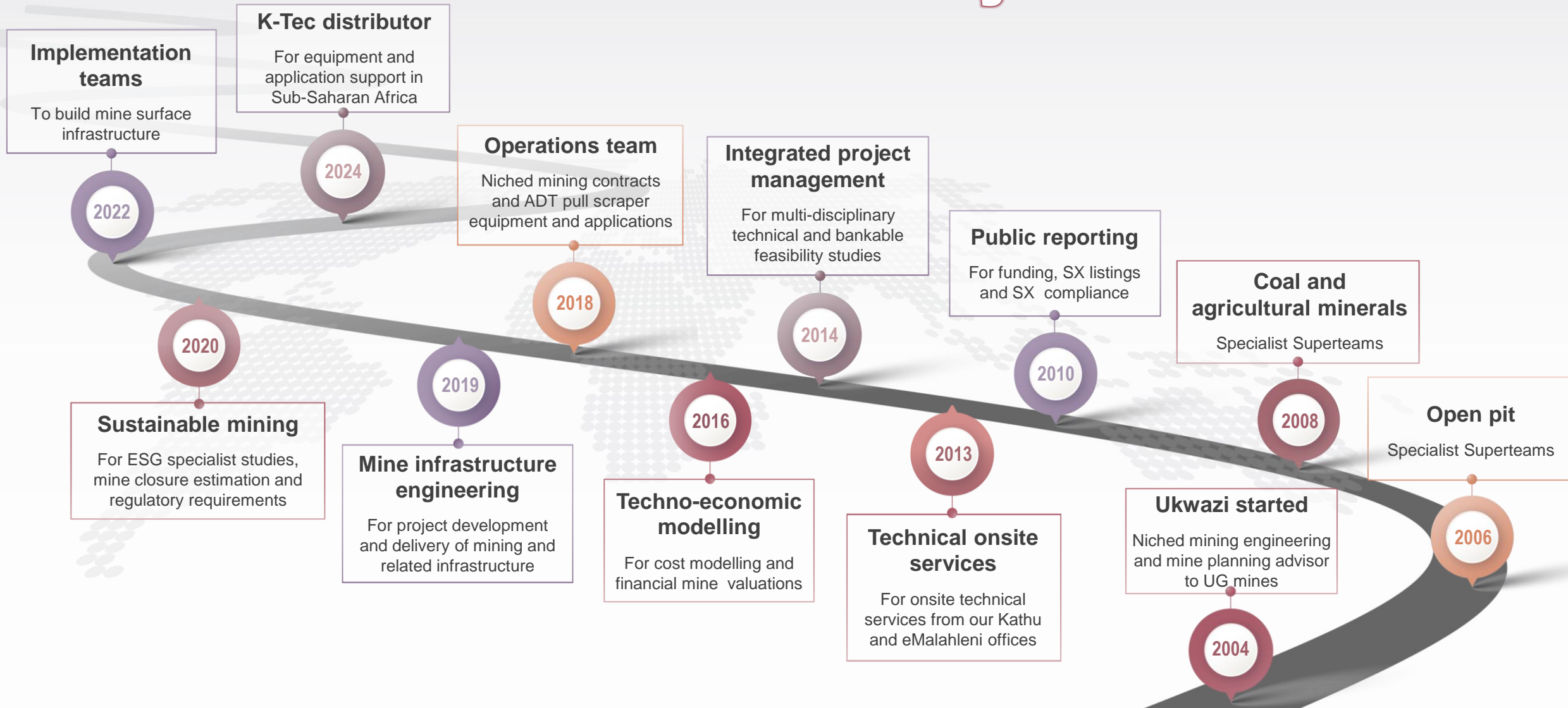
Agenda

1. Who we are
2. Our history
3. What we do
4. What differentiates us
5. Experience
6. Our major clients
7. International footprint
8. Notable projects

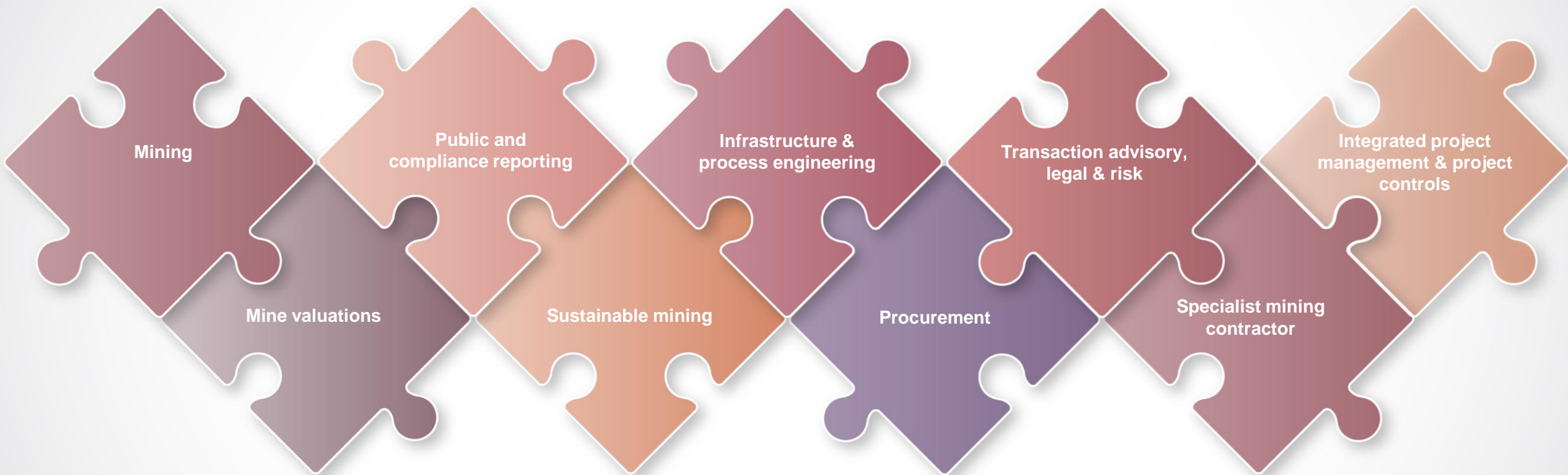
1. Who we are

- Ukwazi is a Zulu word that means “*to know*”
- We started in 2004: *20* years of organic growth as a leading *independent* technical advisory group
- We deliver *multi-disciplinary*, cohesive mining projects through *integrated* project management and controls
- We support our clients through the *project development and delivery* phases throughout the project *life cycle*
 - Strategic investigations, technical evaluations and concept studies
 - Pre-feasibility and trade-off studies
 - Bankable feasibility studies
 - Project approval and funding stages
 - We implement mining infrastructure and mines
- We provide ongoing operational *technical support*
- We have *Competent/ Qualified Persons* and *Competent Valuers sign off* on Mineral/ Ore Reserves and Mine Valuations
- The bulk of our work is with the mining *majors* across *EMEA*
- Our culture is to *collaborate* with our clients

2. Our history



3. What we do



4. What differentiate us



We are Nixed

- Our bespoke and inherent **bottom-up** approach to mining projects allows for an **integrated** approach to the mining value chain
- Our **cohesive** approach to **techno-economic viability** enables us to deliver great projects based on the **fundamentals** of the geology, while applying **pragmatic principles** for appropriate extraction methods, mine infrastructure, process technology, logistics and potential saleable products and markets



We are Multi-disciplinary

- An inherent **multi-disciplinary** approach is required for technical disciplines to function **cohesively** and to appropriately integrate technical functions.
- With **cohesive technical integration**, projects are more likely to reach their potential or be successful
- This seamless integration of technical disciplines is a **core focus** for us



We operate in Superteams

- Our organisational design is based on **Superteams**. This allows for specialised cross-functional teams to execute complex assignments **efficiently and effectively**
- This approach is supported by our culture of **radical collaboration** within and between Superteams, and across multi-disciplinary groupings of industry experts

5. Our experience



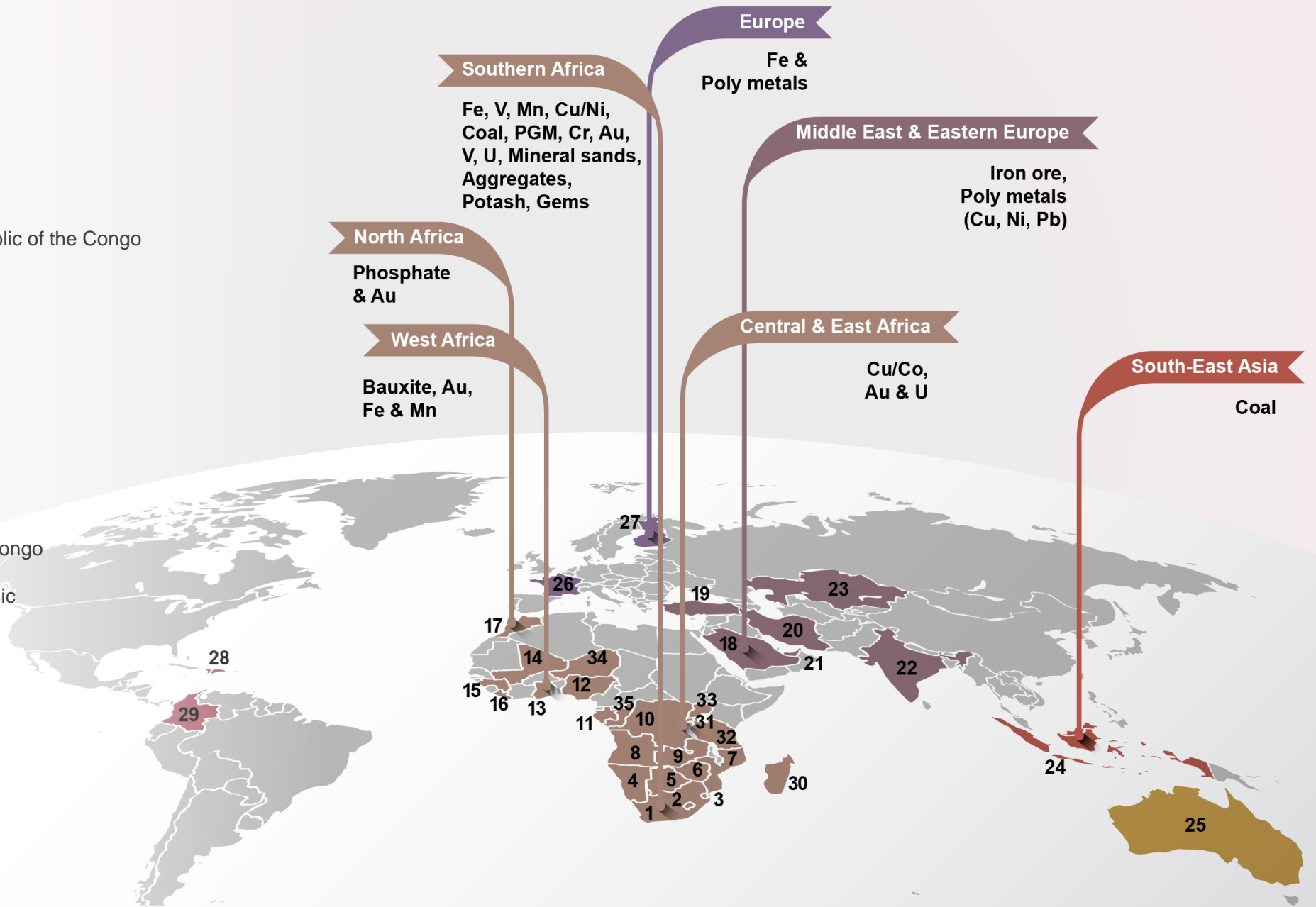
 Thermal	 Metallurgical	 Anthracite	 Lignite	92 238 U Uranium
27 58.9 Co Cobalt	28 58.6 Ni Nickel	29 63.5 Cu Copper	30 65.3 Zn Zinc	82 207.2 Pb Lead
23 26.9 Al Aluminium	23 50.9 V Vanadium	24 51.9 Cr Chromium	25 54.9 Mn Manganese	26 55.8 Fe Iron
46 102.91 Rh Rhodium	46 106.4 Pd Palladium	78 195.1 Pt Platinum	79 196.9 Au Gold	47 107.8 Ag Silver
ZrSiO₄ Zircon	FeTiO₂ Ilmenite	TiO₂ Rutile	 Aggregates	 Industrial Minerals
 Kimberlite Diamonds	 Alluvial Diamonds	 Tanzanite	 Rubies	 Emeralds

6. Some of our clients



7. Our global footprint

1. South Africa
2. Lesotho
3. Swaziland
4. Namibia
5. Botswana
6. Zimbabwe
7. Mozambique
8. Angola
9. Zambia
10. Democratic republic of the Congo
11. Gabon
12. Nigeria
13. Ghana
14. Mali
15. Guinea
16. Liberia
17. Morocco
30. Madagascar
31. Rwanda
32. Tanzania
33. Uganda
34. Niger
35. Republic of the Congo
28. Dominican republic
29. Colombia
18. Saudia Arabia
19. Turkey
20. Iran
21. UAE
22. India
23. Kazakhstan
24. Indonesia
25. Australia
26. France
27. Finland



8. Some notable projects

Glencore <u>MER</u> preparation, <u>CP sign-off</u> (KCC, Mutanda, Nkana and Mufulira) as part of 2011 Glencore listing, various NI43-101 ITR's, annual IARs, CP sign-off for 10-year cycle	DeBeers/ Petra diamonds <u>C-cut BC</u> mine design; implementation and various <u>SLC</u> project optimisations and updates for Koffiefontein, Finch and Cullinan	Wesizwe <u>Bankable feasibility studies</u> , <u>CPR</u> published 2021 (JSE section 12) and ongoing technical and optimisation studies	South32 Various technical and bankable feasibility studies since 2008, plus <u>Future Mine study</u> large UG multi-disciplinary study; projects implemented in phases from 2023 onwards	Anglo American Various <u>concept</u> , <u>PFSA/PFSB</u> , <u>BFS</u> to implementation
Anglo American Kolomela mine <u>BFS</u> in 2008, mine establishment in 2011. Ongoing LOM studies, technical studies and <u>expansion</u> pits successfully implemented	Shiva Transactional due diligence, Mineral Resource <u>CPR</u> and <u>NI43-101 ITR</u> and multi-disciplinary concept study	GoviEx Multi-disciplinary <u>BFS</u> for large multi-pit Zambian uranium project	Anglo American Part of the technical teams (and CPs) to prepare <u>CPRs</u> to comply to SAMREC and JSE section 12 for successful group listing of Thungela in 2011 (7 mines)	Karo Zimbabwe PGM technical mine studies, <u>CPR</u> , mine implementation scheduled for 2025/ 2026
Tharisa Minerals Tharisa mine <u>BFS</u> completed in 2007; SE listing in 2007, saleable products from 2009. Currently investigating transition to UG	Seriti New Vaal Block 1 <u>BFS</u> completed in 2021 for a large opencast dragline operation	Thungela <u>BFS</u> for MRD's, Navigation and Elders including mining contract management from establishment to steady state production. Various concept and pre-feasibility studies	Afrimat Ongoing technical <u>site services</u> on a number of iron ore and manganese pits	UMK <u>Mine closure study</u> integrated with specialist studies and detailed backfill strategy planning with ongoing mine closure estimates

Thank you