

orelogy[™]
an idoba company

**African
Case Study**

**African
Project Experience**



A large background image featuring a sunset over a savanna. The sky is a gradient of orange and red, with a large, bright sun partially obscured by a semi-transparent blue circle. In the foreground, the silhouettes of three giraffes are visible against the sunset, along with the silhouette of a tree on the left.

**African
Project Experience**

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Partners in Mine Planning

orelogy is a specialist mine planning consultancy with extensive experience in the planning and management of a resource. orelogy personnel have operational and consulting experience throughout the world, in a range of different commodities.

Established in 2005, orelogy is an agile and innovative consultancy that adopts a partnership approach with clients to develop practical solutions within a strategic framework. This approach ensures the delivery of key client outcomes.

In February 2022 orelogy was acquired by idoba.

idoba is an innovation ecosystem that identifies and solves problems by connecting technology offerings, expertise, and (mostly but not exclusively) energy and resources sector technical capability, to co-create a better future.

We now provide idoba with crucial mining domain knowledge as part of their vision to co-create a better and more sustainable future, in mining and beyond.

orelogy consulting services

Services include:

- Scheduling Studies
- Study & Project Management
- Technical Reports
- Cost Modelling (OPEX and CAPEX)
- Equipment Assessment
- Due diligence, Audits and Peer Review

Our number one goal is to unlock the true value of your mining project



orelogy Scheduling Software

orelogy are “scheduling experts” and in seeking improved ways to deliver practical solutions to our clients, we in 2008, developed EVORELUTION - a best-of-breed, open-pit mine scheduling solution.

In 2014 Maptek, a world leading mining software provider, acquired EVORELUTION from orelogy and rebranded as 'Maptek Evolution'. This is an Open-pit scheduling software that delivers practical high value schedules. Maptek Evolution is a fully featured scheduling solution, that includes reserve engine capability, block model manipulation, strategic and LOM scheduling, reporting and visualisation tools.

orelogy quote

“Our scheduling expertise has been embraced by orelogy's clients in their studies and continues to exceed expectations by delivering robust and practical mine schedules that maximise value.”

Steve Craig
CEO orelogy



African Projects – Past and Present

COMPANY	PROJECTS	COMMODITY	COUNTRY	WORK
Fire finch	Morila	Gold	Mali	Desktop Review, Pre-Feasibility Study, General Mine Planning
Swakop Uranium	Husab	Uranium	Namibia	Pre-Feasibility Study Review, Bankable Feasibility Study + Site implementation assistance
Allied Gold	Sadiola Kurmuk Bonikro Agbou	Gold	Mali, Ethiopia, Cote d'Ivoire	Pre-Feasibility Study, Bankable Feasibility Study + various supporting roles
Peak Resources Ltd	Ngualla	Rare Earths	Malawi	Scoping Study, Pre-Feasibility Study, Feasibility Studies
Bannerman Resources Ltd	Etango	Uranium	Namibia	Scheduling Study
Paladin Energy Ltd	Langer Heinrich	Uranium	Namibia	Life-of-Mine Scheduling Study
African Iron Ltd	Mayoko	Iron Ore	Republic of Congo	Definitive Feasibility Study (Mining)





African Projects – Past and Present

COMPANY	PROJECTS	COMMODITY	COUNTRY	WORK
Equatorial Resources Ltd	Mayoko-Moussondji Iron	Iron Ore	Republic of Congo	Pre-Feasibility Study
Endeavour Mining Ltd	Hounde	Gold	Burkina Faso	Study Review & Bankable Feasibility Study
Barrick Gold Corporation	Lumwana Copper Mine	Copper	Zambia	Bankable Feasibility Study & Operational Assistance
Goldbelt Resources	Inata Gold	Gold	Burkina Faso	Bankable Feasibility Study, Fleet Evaluation & Contractor Evaluation
Wega Mining	Arunfrui Gold	Gold	Ghana	Project Review
Atomic Resources	Ngaka Coal	Coal	Tanzania	Pre-Feasibility Study
Macquarie Bank	(confidential)	Gold	Ghana	Project Review
Kaboko Mining Ltd	Peco	Manganese	Zambia	Mine Planning Assistance
Perseus Mining Ltd	Edikan Gold Mine	Gold	Ghana	Drill & Blast Study, General Mine Planning Assistance





Case Studies

- Detailed Mine Planning Engineers in Added Value - Extract Resources.
- Smart Scheduling Improves Balla Balla Project Value by \$192 Million - Aurox Resources.
- Holistic Scheduling Facilitates 15 Mine Life - Australian Premium Iron.

References

With regard to our capabilities and past performances, we are more than happy for you speak with our clients about our service delivery process (diligence, agility, innovation etc).

Please let us know if we can supply references on an as-needs basis.

**Contact orelogy,
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