



Lycopodium

The science of solving engineering problems

Delivering Projects in Africa

Africa Down Under

6 November 2020



About Lycopodium

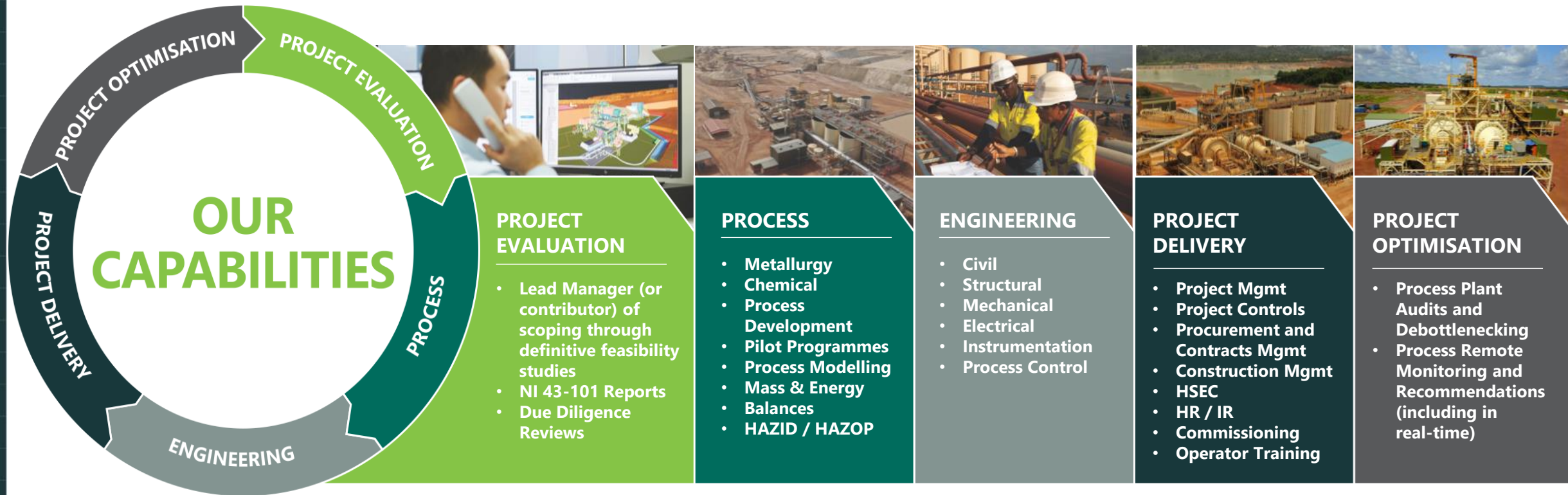
Lycopodium is an ASX Listed Australian headquartered, global engineering and project delivery organisation providing specialist services in the development and delivery of mineral resource studies and projects.

With global reach, our experience in Africa is unrivalled.

Renowned for our expertise in precious and base metals studies and projects, our vast capability extends to diamonds, iron ore, battery metals and industrial minerals, servicing the entire project lifecycle, from the initial scoping study through design to full project delivery and beyond, into operational optimisation and life-extension.

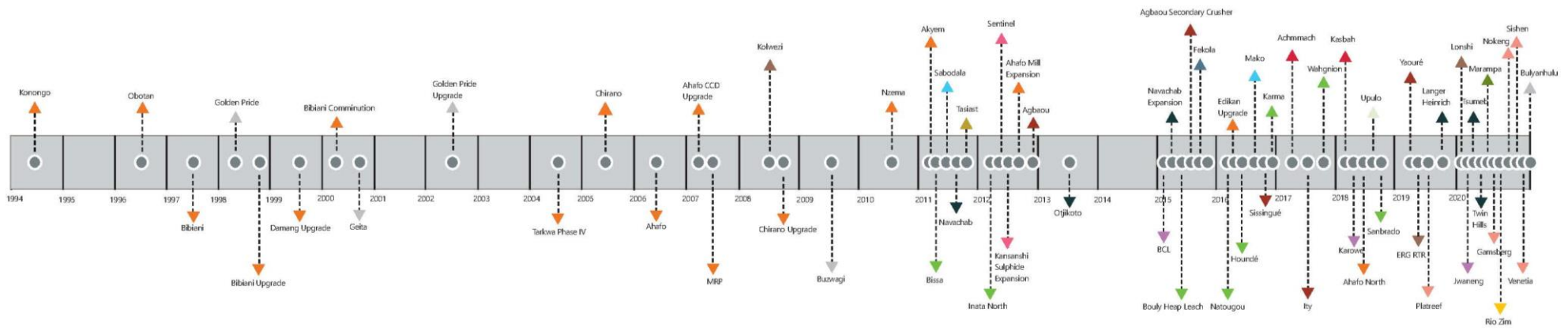
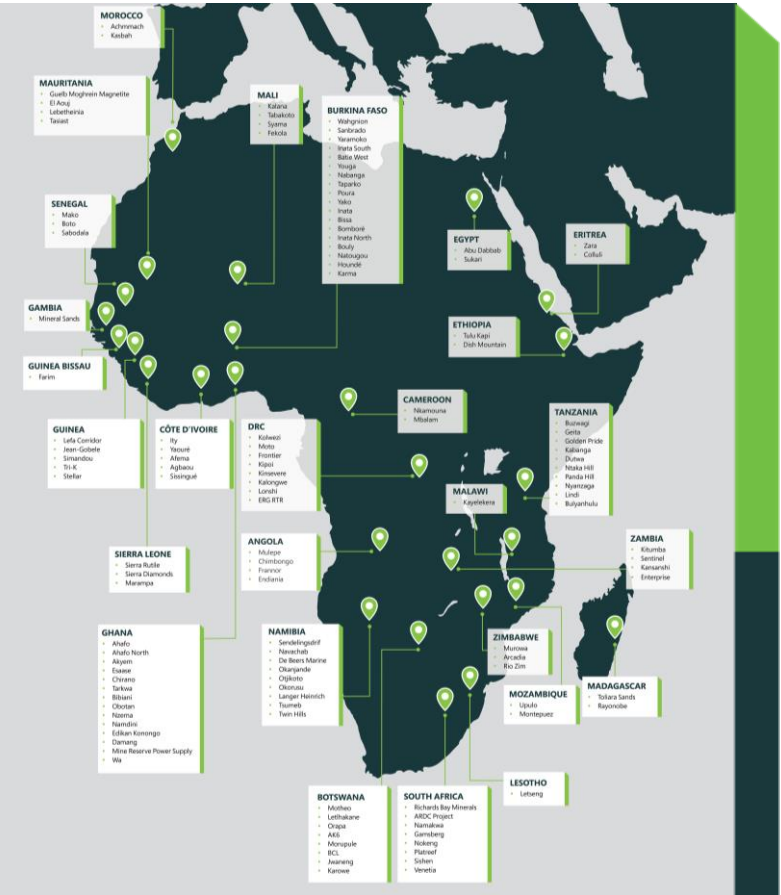
We work with our clients to safely deliver innovative, fit-for-purpose solutions, focused on optimising return on investment and lowest total cost of ownership.

Resource Sector Capabilities



African Specialists

- Over 25 years of experience
- 46 major projects – 27 countries
- 17 major projects in the past five years alone
- Without exception – rapid production ramp-up to full nameplate capacity



Recent African Project Success – On Budget, On Schedule

Project	Client	Location
Sanbrado	West African Resources	Burkina Faso
Wahgnion	Teranga	Burkina Faso
Ity	Endeavour	Côte d'Ivoire
Sissingué	Perseus	Côte d'Ivoire
Mako	Resolute	Senegal
Houndé	Endeavour	Burkina Faso
Natougou	Semafo	Burkina Faso
Fekola and Expansion	B2Gold	Mali
Bouly/Bissa	Nordgold	Burkina Faso
Agbaou	Endeavour	Côte d'Ivoire
Akyem	Newmont	Ghana

Established Client Relationships in Africa

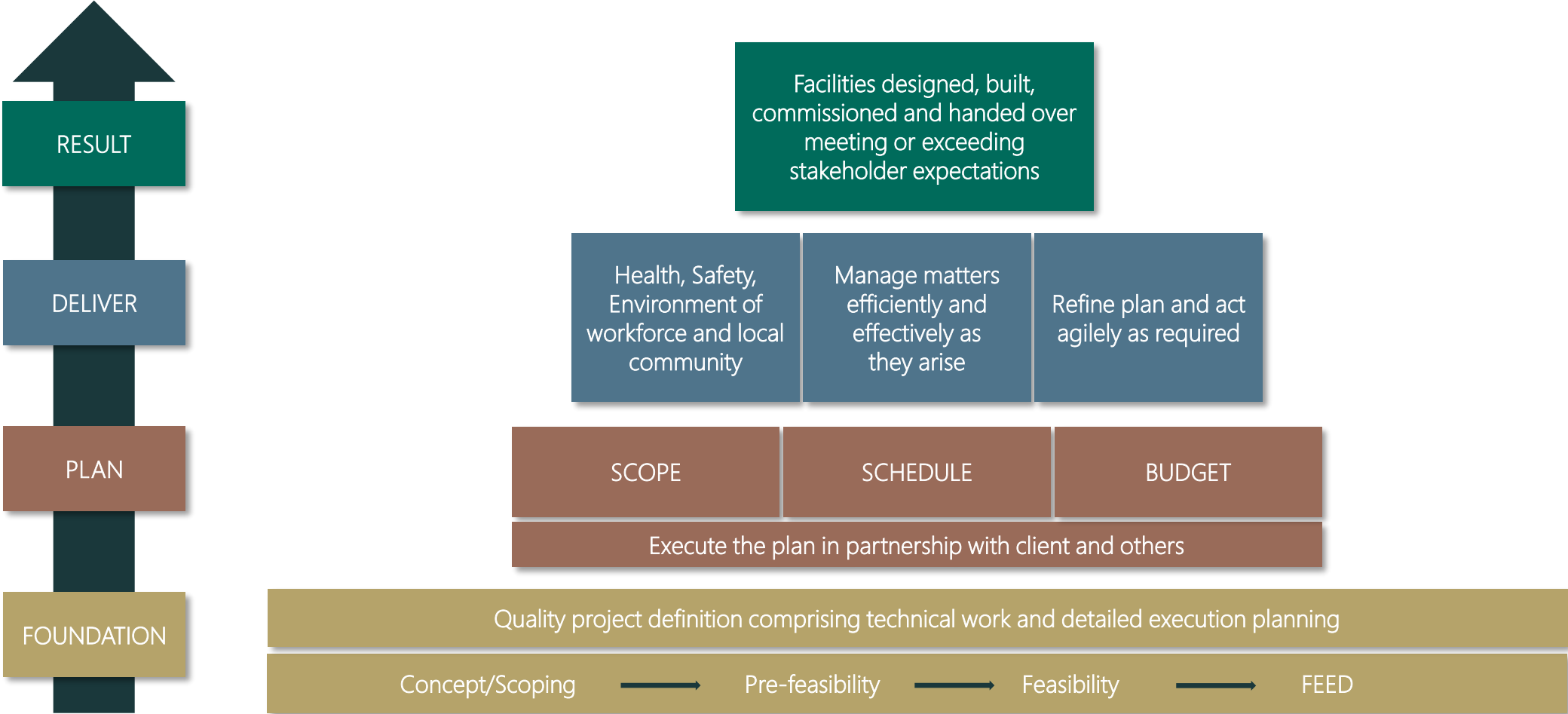


Why our Clients Come Back

- Consistency
- Fit-for-purpose
- Execution
- Continuous improvement
- Our experience provides surety of outcome



Delivering in Africa – Building Blocks for Success



The Benefit of Experience

- Logistics
- Engineering challenges
- Metallurgy – our foundation is **Process**
- Integrating regional infrastructure and logistics
- Partnerships and community engagement
- Execution
- Skills development



The Power of Partnership

- COVID-19 has been a trial for everyone
- Partnerships are not only contractual
- Fraternity



COVID Case Study – Yaouré

- Full-scale construction commenced in September quarter 2019
 - COVID-19 manifested globally only a few months later
- Construction remains on time and on budget
- How?
 - fewer crew changes (our site people were heroes)
 - changed the way we interact with vendors
 - strict isolation and distancing protocols on site
 - testing
- On track for ‘stretch target’ of first gold in December 2020, contracted date January 2021
- This success only possible through strong and established relationship, working alongside our client, **Perseus Mining**, to drive best-for-project outcomes



Yaouré Team on Site

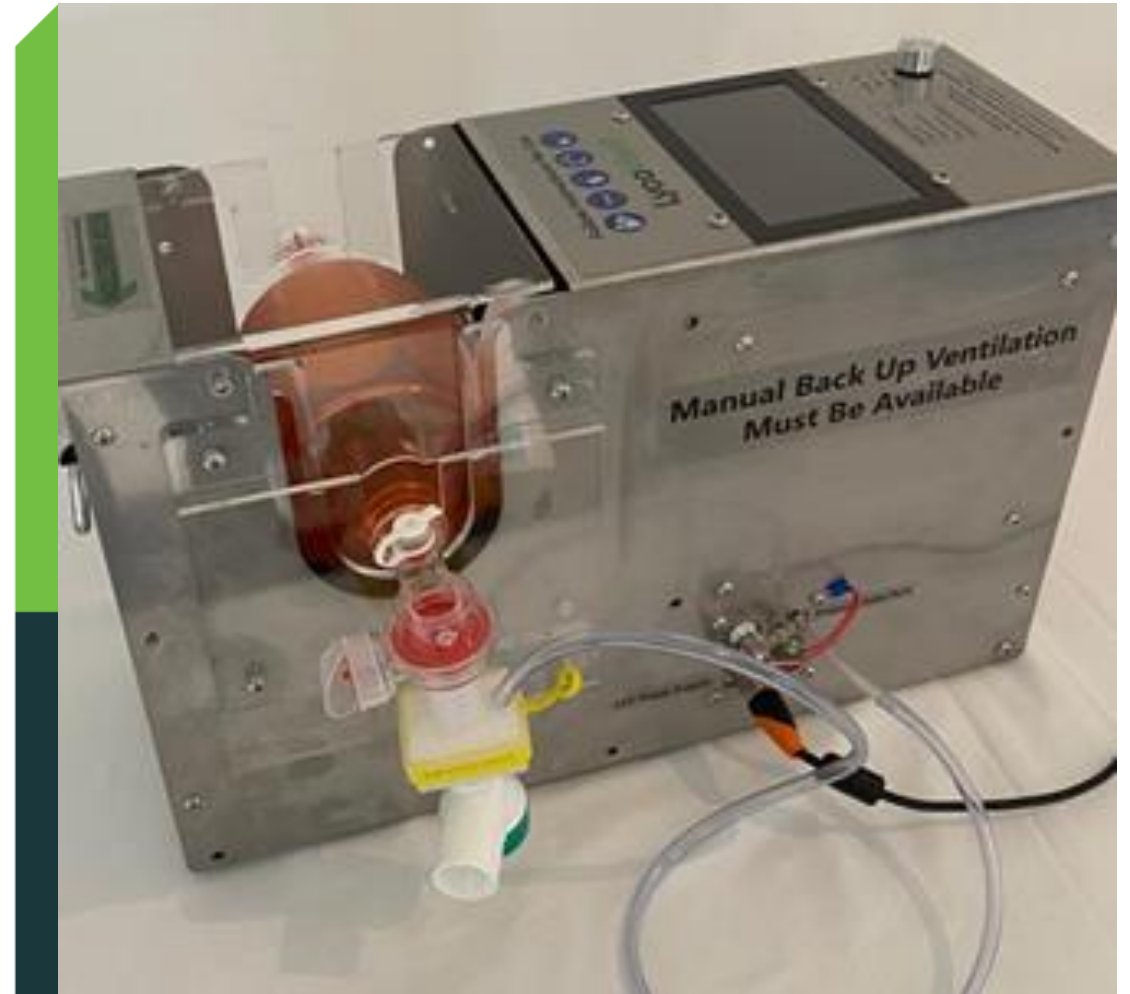


Some of our Yaouré Heroes



Joining the Fight Against COVID-19

- We have designed an electrically operated ventilator, known as LycoVent, for use as an emergency backup ventilator
- The portable unit, which is independent of piped oxygen supply, was developed locally in Perth
- We are in the process of applying to the Therapeutic Goods Administration (TGA) under the COVID-19 Emergency Exemption for possible use in Australia
- We also intend to seek the appropriate listing to allow it to be used to support the communities where Lycopodium operates in Africa



Working with Communities

- Long-term view
- Early community engagement
- Fully integrated approach
- Cultural awareness
- Our aim:

Enduring relationships

Positive legacy



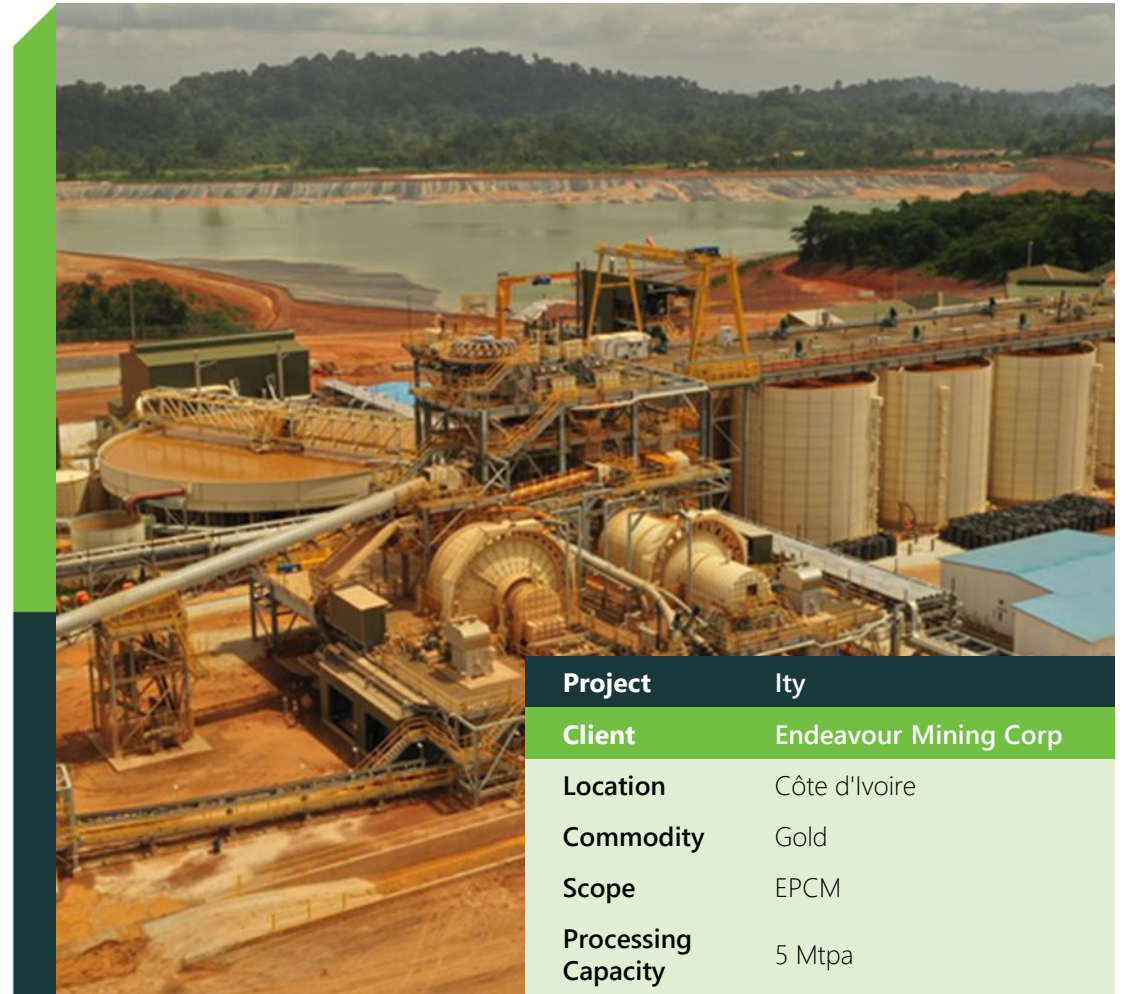
Safety First

In 2020 so far:

2 million
controlled man-hours

with

Zero LTI



An Industry Evolving

- Lessons learnt are integrated into the next project
- New technologies constantly evaluated
- Orway IQ developed MillROC
 - increased productivity – pulled forward cashflow
 - staff up-skilling
 - continuous improvement
- Perseus' Yaouré mine nearing completion in Côte d'Ivoire is the first project to be built 'MillROC ready'



Project	Sissingué
Client	Perseus Mining Limited
Location	Côte d'Ivoire
Commodity	Gold
Scope	EP(C)
Processing Capacity	1.8 Mtpa



Thank You

