

# 中信金属战略入股艾芬豪矿业交割仪式

## CITIC Metal's Strategic Investment in Ivanhoe Mines Closing Ceremony



Ivanhoe Mines' Executive Co-Chairman Robert Friedland (above, middle right) and CITIC Metal Group President and newly appointed Co-Chairman Yufeng "Miles" Sun (above, middle left), signed the landmark agreement to complete CITIC's C\$723 million equity investment in Ivanhoe during a ceremony in Beijing on September 19.

### News headlines from Ivanhoe's September 19 announcement:

- CITIC Metal completes its C\$723 million investment in Ivanhoe Mines at C\$3.68 per share.
- Zijin Mining invests an additional C\$78 million in Ivanhoe Mines, also at C\$3.68 per share, through the exercise its anti-dilution rights.
- Funds will be used to advance Ivanhoe's world-scale projects in Southern Africa.



Building what will be  
**③ of the world's  
best mines**  
in Southern Africa's  
legendary mineral fields

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### KAMOA-KAKULA

Initial development  
of two mining areas  
on **world's 4<sup>th</sup>-largest**  
copper discovery

**Democratic Republic  
of Congo's Central  
African Copperbelt**

### PLATREEF

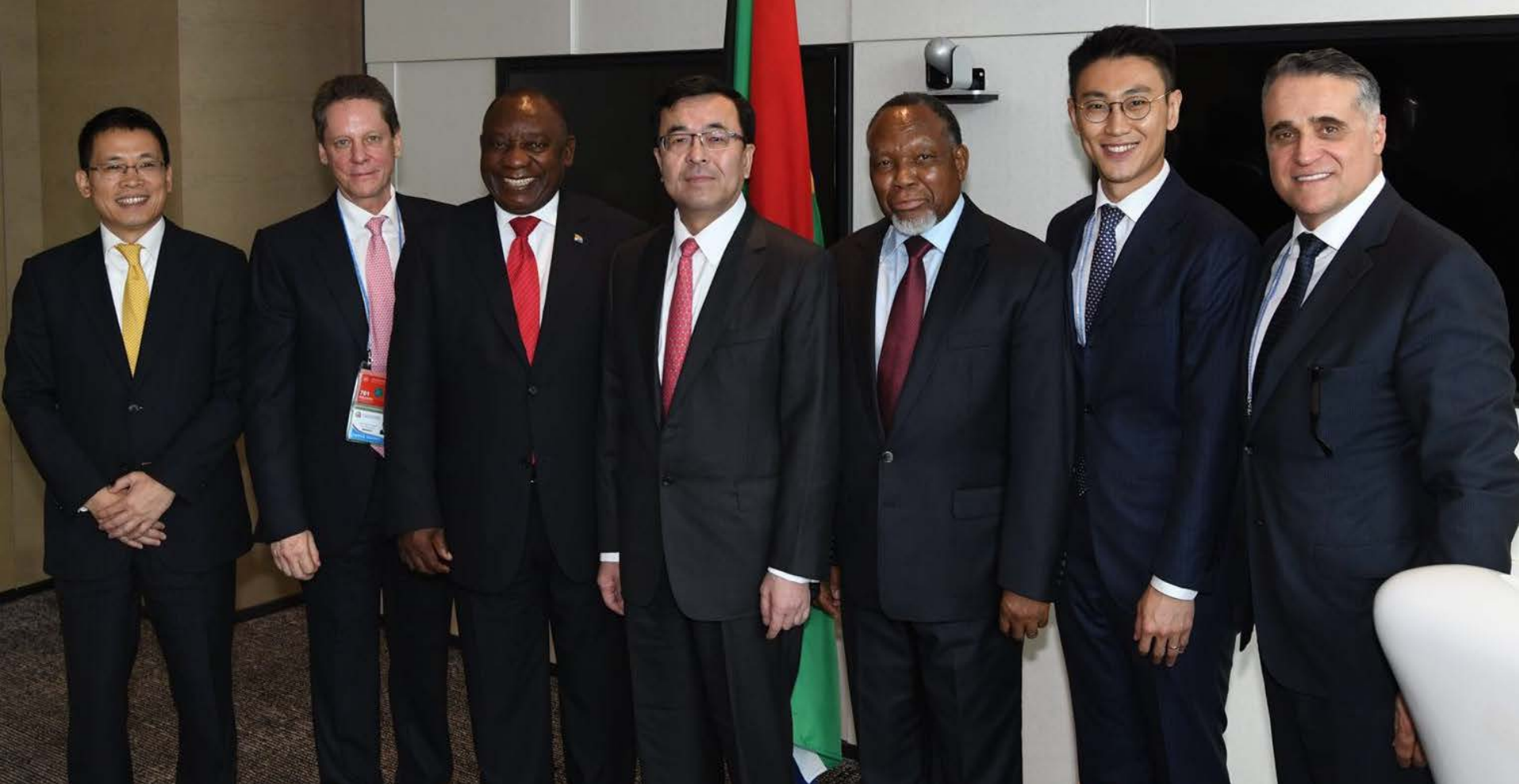
Mine projected to be  
**Africa's lowest-cost producer**  
of platinum-group metals,  
plus nickel, copper & gold

**Northern Limb of South Africa's  
Bushveld Complex**

### KIPUSHI

**Ultra-high-grade**  
historic mine being  
upgraded to produce  
zinc, copper, silver,  
germanium & lead

**D.R. Congo's  
Copperbelt**



At the **Forum on China-Africa Cooperation** held earlier this month in Beijing, **Cyril Ramaphosa**, South African President (third from left), is joined by **Wang Jiong**, CITIC Group Corporation's Vice Chairman and President (centre); **Kgalema Motlanthe**, former South African President and an Ivanhoe board member (third from right); **Yufeng "Miles" Sun**, CITIC Metal Group's President and Ivanhoe's Co-Chairman (far left); **Robert Friedland**, Ivanhoe's Co-Chairman (second from left); **Egizio Bianchini**, Ivanhoe's Executive Vice Chairman (far right) and **Peter Zhou**, Ivanhoe's Director, Corporate Development (second from right).





## Kamoa-Kakula, DRC – Kakula Mine

Loading broken rock from another blast in the continuing development of the tunnel that will house the ore conveyor for the planned mine at the Kakula Deposit. More than 2,700 metres of underground development now have been completed at Kakula.





## Kamoa-Kakula – **Kakula Mine**

Another truckload of rock excavated from the Kakula conveyor tunnel is brought to the surface for disposal. The conveyor will transfer high-grade copper ore mined from the Kakula Deposit to the surface, for processing.





## Kamoa-Kakula – Kakula Mine

Drilling rock-bolt holes into the ceiling of one of the twin decline tunnels at Kakula. Anchor bolts will provide additional safety by reinforcing the sealed walls and ceiling of the excavated tunnel.





## Kamoa-Kakula

Setting up a drill rig for an exploration step-out hole to test the extent of a new zone of copper mineralization at the Kamoa North target area. Kamoa North was identified in 2017 by the Kamoa-Kakula geology team as one of nine high-priority targets on the Kamoa-Kakula Project. Two drill rigs are operating at Kamoa North.





## Kamoa-Kakula

Loading exploration drill core from a Kamoa North exploration drill hole for transfer to the Kamoa core-logging facility. After logging and analysis at Kamoa, the core will be assayed at an accredited facility in Australia.





## Kamoa-Kakula

Members of Zijin Mining's technical team on a site visit to the core-sample preparation facility at Kamoa-Kakula. Zijin Mining Group is a joint-venture partner at the Kamoa-Kakula Project and owns a 9.7% stake in Ivanhoe Mines.





## Kamoa-Kakula

Agronomist Fabrice Mazeze (left) and Livelihood Technician Olivier Kahilu Shimbi with banana seedlings that will be distributed to local farmers. The initiative is part of Kamoa-Kakula's program to support and expand successful food production activities in nearby communities.





## Western Foreland

An exploration drilling rig in operation at the Makoko area on a portion of Ivanhoe's 100%-owned Western Foreland licences.





## Western Foreland

Héritier Tshiminyi Katembo, a driller with Ivanhoe's contractor, Titan Drilling, examines a piece of drill core from the Makoko area.





## Platreef, South Africa

Members of Platreef's underground development team earlier this month after the successful completion of the Shaft 1 mine-access station, 750 metres below surface. Shaft-sinking operations have resumed and the shaft is expected to soon reach the top of the Flatreef mineralization, at a depth of approximately 783 metres.





**Platreef**

A kibble bucket (mid-left) and 'cactus grab' (mid-right) being used to collect and remove excavated rock at Shaft 1's 750-metre level after the resumption of shaft-sinking work earlier this month.





**Platreef**

Platreef's underground mine development team includes three members from local communities – (from left): Nkone Madubana, Learner Sinkler; Katlego Nkwana, Learner Sinkler; and Caroline Dzivhani, Geologist – who recently became fully certified underground miners.





**Platreef**

Lucas Malatji (left) and Zitha Ndwandwe, safety officers with contractor Aveng, at Shaft 1's 750-metre-level station. The station will provide initial, underground access to the high-grade orebody, enabling mine development to proceed during the construction of Shaft 2.





**Platreef**

Platreef's Shaft 2 box cut, with Shaft 1 headframe in the background.





**Platreef**

Excavation of blasted rock from the box cut for Shaft 2, located approximately 100 metres northeast of Shaft 1. Construction of the box cut and hitch (foundation) is scheduled to be completed in January 2019.





**Platreef**

Horizontal drilling to insert rock bolts used to reinforce and support the walls of the Shaft 2 box cut.





**Platreef**

Ivanplats' community relations members assisting students from the Lesoba primary school in Madiba – a community near the Platreef Project – to plant trees earlier this month to celebrate National Arbor Week in South Africa.





## Kipushi, DRC

Welding steel grating on the inspection platform of the ore-loading area, just below the 1,200-metre level at Shaft 5.





## Kipushi

Kipushi's new primary rock crusher at the mine's 1,150-metre level. The crusher was successfully dry-commissioned earlier this month.





**Kipushi**

Fitter Makozo Erve at the feed chute below one of the two ore silos. The chute will control the rate that crushed ore is fed onto the conveyor belt on the 1,200-metre level.





## Kipushi

Bukasa Lengesha, a boilermaker at Kipushi, inspecting the recently installed ore-loading flask at the bottom of Shaft 5.





**Kipushi**

Ilunga Mwamba and Mwendi Ilunga installing wheels onto a carrying frame, or bridle, for Kipushi's underground rock winder, prior to it being lowered down Shaft 5.