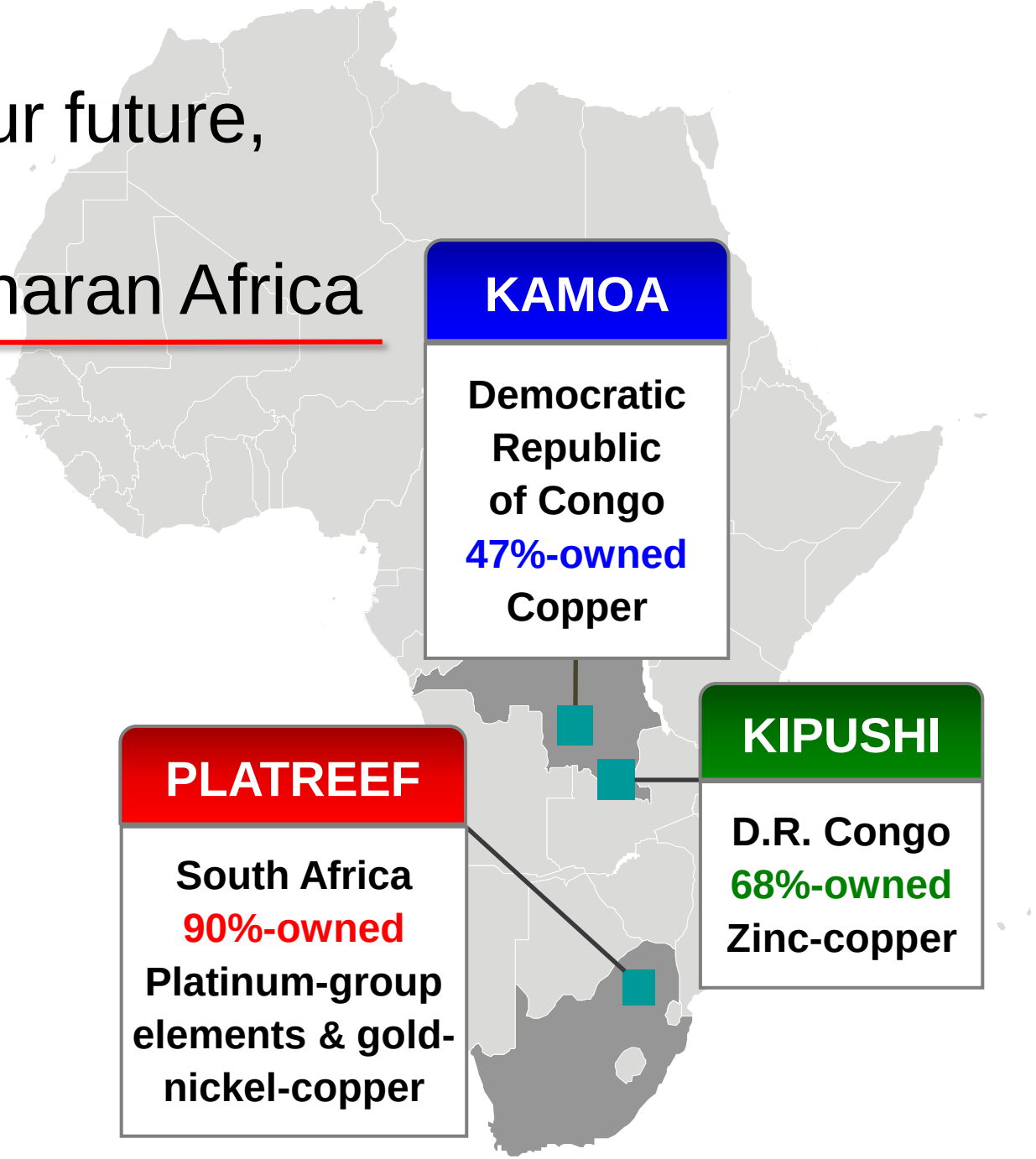
IVANHOE MINES
NEW HORIZONS

PROGRESSING OUR PROJECTS
May 2016 photo journal

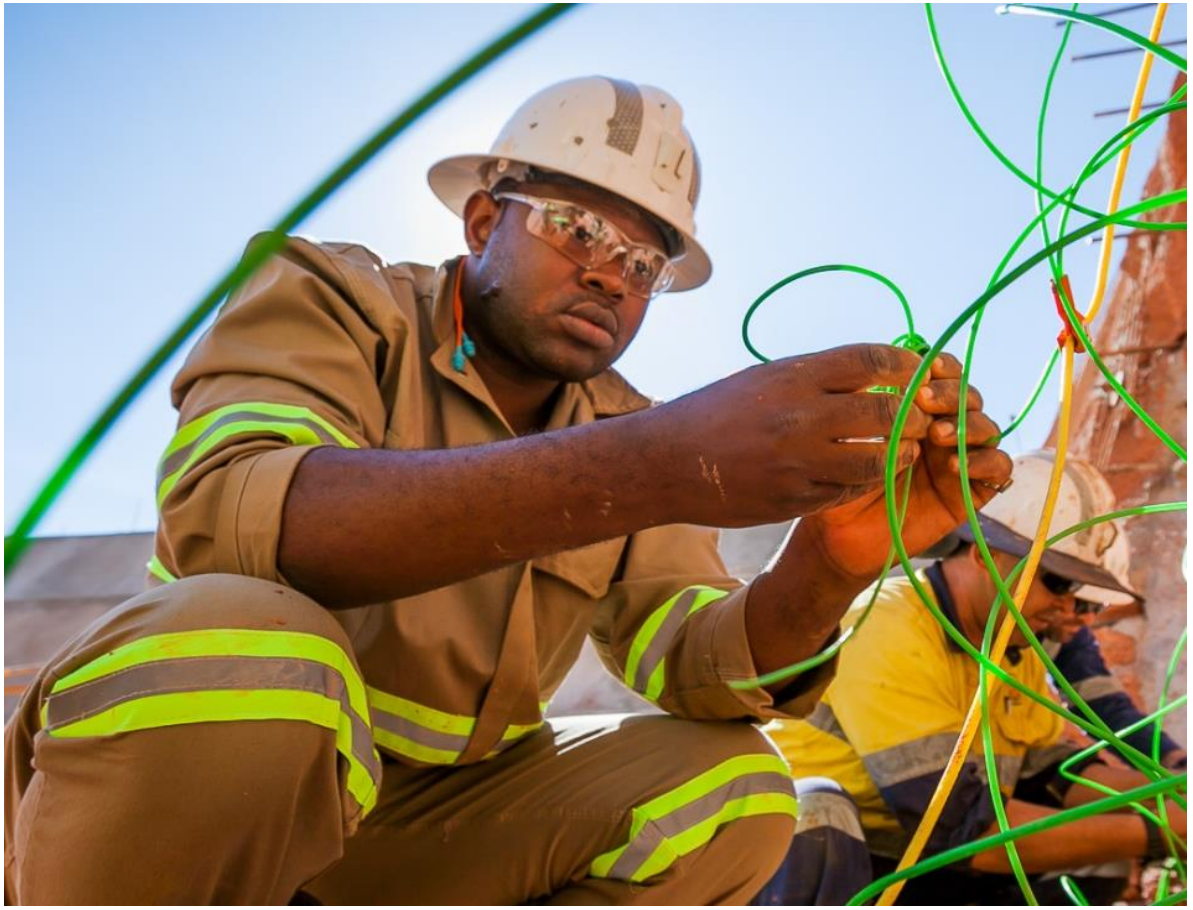
Broken rock being removed from the twin declines at the Kamoa box cut that will provide access to the planned underground mine at Kansoko Sud.

Building our future, today, in Sub-Saharan Africa



Looking up from the box-cut ramp from inside one of the twin declines.

Preparing for the first blast at the Kamoa box-cut declines.



Loading explosives, and preparing the wiring to trigger the explosives, prior to the first blast for the twin declines at the bottom of the box cut.

First excavation blast for the twin declines at the bottom of the box cut.

Kamoa project team members and contractors in front of the blast hole at a decline entrance.

Kamoa

Broken rock being removed after the first blast.

One of the six drills in operation at the Kakula Discovery area, which is approximately 10 kilometres southwest of the Kamoa box cut and planned initial mining area, at Kansoko Sud.

Kamoa’s exploration team removing drill core from one of the drill rigs in operation at the Kakula Discovery area.

Workers laying down drill core samples from new Kakula holes.

Strong chalcocite (high-grade copper) mineralization in core from one of the new holes being drilled at Kakula .

Kamoa exploration geologists examine a drilling map at Kakula.

Exploration team member examining high-grade copper mineralization in Kakula drill core.

Kamoa

A Fionet Deki Reader being used at a local health care clinic at Kamoa as part of the Ivanhoe-sponsored malaria program. The Deki Reader introduces a new dimension in malaria detection, helping to deliver rapid, accurate diagnostic tests and transmitting results to a cloud database.

Jumbo drill rig and vertical shaft mucker used for the main shaft sinking at Shaft 1.

Guide beams for the jumbo drill rig at Shaft 1.

The steel ring (crow’s nest) that will be used to lower and raise the jumbo drill to the shaft bottom.

Platreef geologist climbing down the main sink stage at Shaft 1.

Dr. Danie Grobler (far right), Platreef's Head of Exploration & Geology, examining drill core with geology students from the Royal School of Mines at Imperial College London, UK.

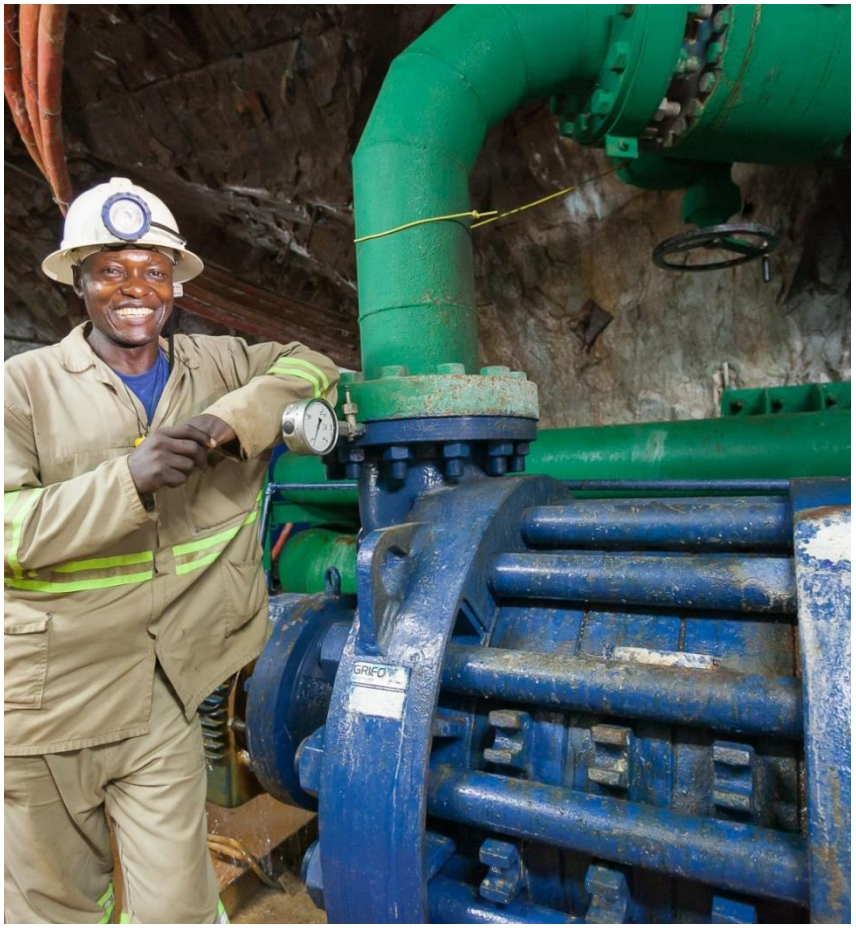
Control room operator at Kipushi's Shaft 5.

Control monitors for Kipushi's Shaft 5.

Shaft 5 winders for hoisting operations.

Workers refurbishing underground mining equipment.

Kipushi team members at the new electrical panels at the 1,200-metre pump station.



Workers installing a new Grifo pump at the 1,200-metre pump station.

Local health care worker administering oral polio vaccine in the Kipushi health zone. Ivanhoe assists with the logistics of the vaccination campaign.