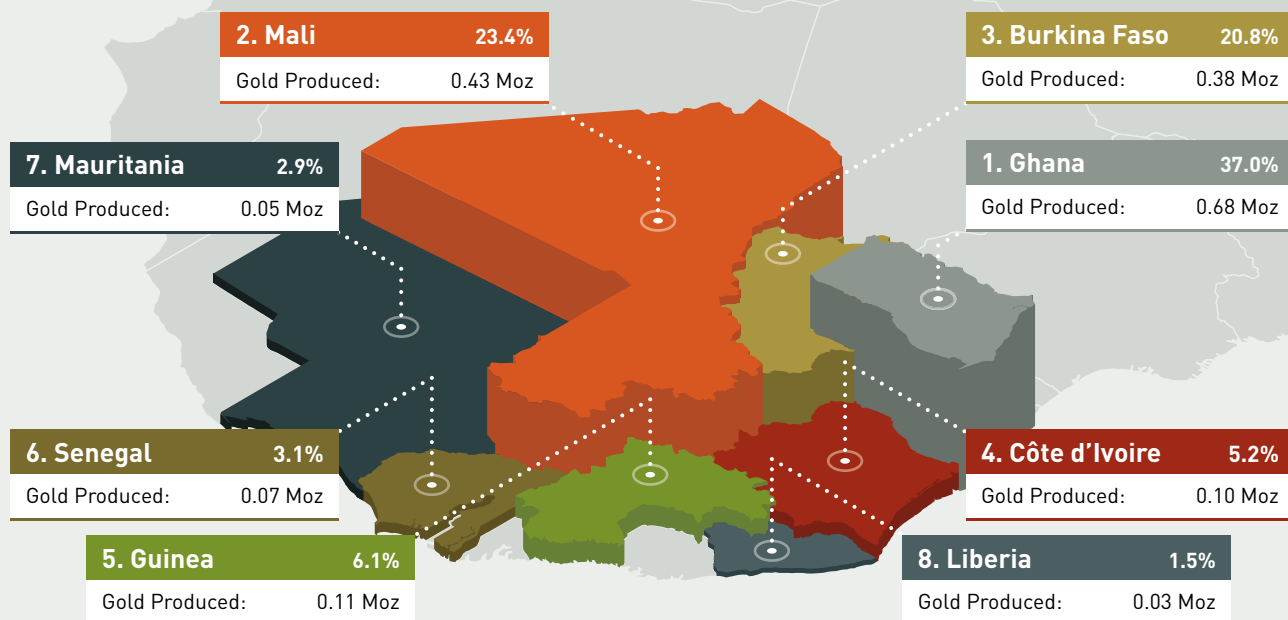


West African Gold Mines

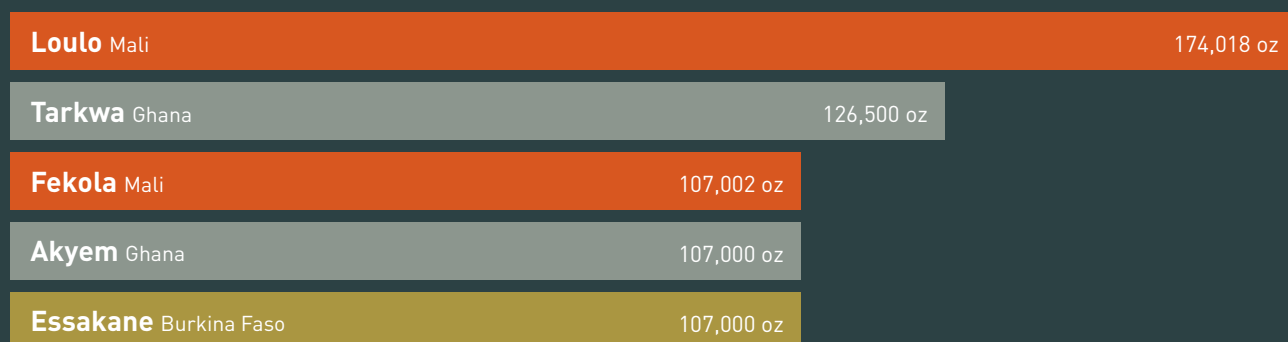
QUARTERLY SUMMARY TO 30 SEPTEMBER 2018



WEST AFRICAN GOLD PRODUCTION BY COUNTRY



TOP 5 GOLD MINES BY GOLD PRODUCTION FOR THE QUARTER

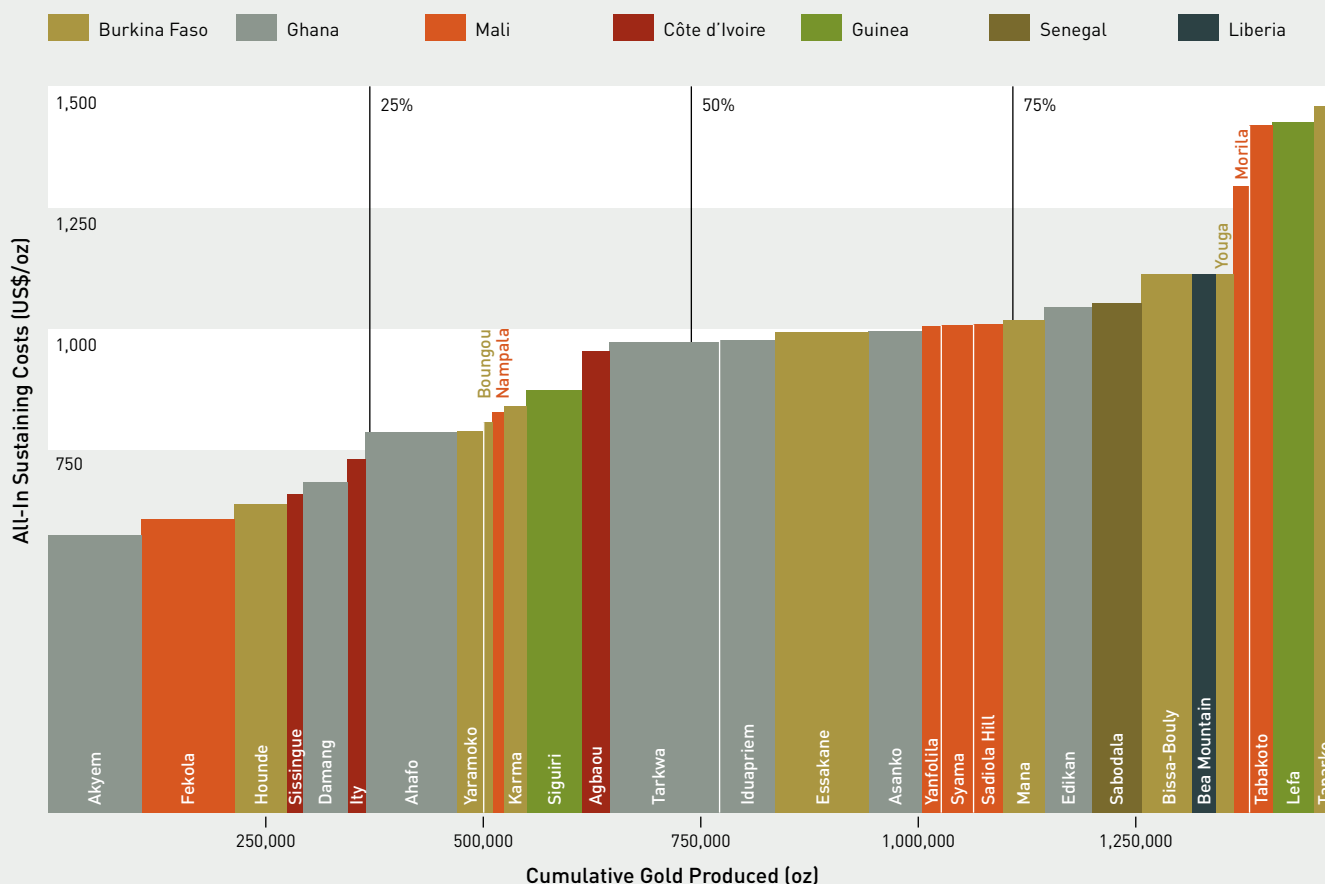


West African Gold Mines

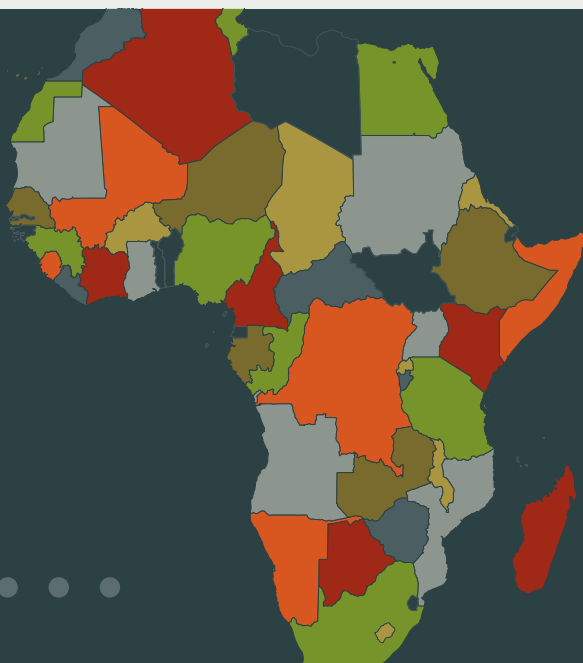
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GOLD OPERATIONS THAT REPORT ALL-IN SUSTAINING COSTS



Data Sources: Data was sourced from company quarterly reports and S&P Global Market Intelligence. Cost curve created by Aurum Analytics.



CSA GLOBAL
HAS WORKED
ON PROJECTS IN
75%
OF AFRICAN COUNTRIES