

GOLD FACT SHEET

OVERVIEW

MDM Engineering:

- is a world class engineering company with global experience, specifically in Africa;
- has +200 engineering professionals, who have the capacity to deliver a project within deadline and on budget;
- is supported by a technical team with a combined 311 years experience in designing and building process plants across a range of minerals;
- provides a cost-effective approach to design;
- produces plants that are functional, efficient and durable;
- is transparent with our 'open-book' contracting method, ensuring that any savings are shared with the client.

MDM Engineering Group Limited (MDM Engineering) is a metallurgical and process engineering company which was established in February 2006. On the 13th November 2014, MDM became part of the Amec Foster Wheeler Group.

GOLD TRACK RECORD

The team at MDM Engineering has extensive gold experience:

- completion of some 101 gold studies, 48 were BFS, of which over 90% went on to achieve 3rd-party funding;
- construction of some 33 metallurgical gold plants, all of which produced above design capacity; and
- Overall engineering experience in 24 countries worldwide, and have completed 66 projects globally.

| NAME | CAPACITY | PROCESS | STATUS | LOCATION | CLIENT |
|------------------------------|-------------|---|---|--------------|---------------------------|
| Gold Projects | | | | | |
| Driefontein 2 | 2,2 Mtpa | CIL | EPCM completed 2014 | South Africa | Sibanye Gold |
| Bulyanhulu | 2.4 Mtpa | Reclamation, Gravity, Cyanidation, Elution, Detox | EPC completed 2014 BFS & FEED completed 2013 | Tanzania | African Barrick Gold |
| Parral Tailings (Au & Ag) | 18 Mtpa | Agglomeration, Heap Leach, Merrill Crowe | EPCM completed '14 FEED & PFS completed 2013 | Mexico | GoGold |
| Namoya | 2 Mtpa | Heap Leach, CIS, Elution, CIL, Detox | EPCM completed 2014 | DRC | Banro |
| Tarkwa Expansion | 12 Mtpa | Crushing, Screening CIL expansion | EPCM completed 2012 | Ghana | Gold Fields International |
| Gold Studies | | | | | |
| Santa Gertrudis Gold Project | 2 000 t/day | Treatment of gold and silver ore by Vat Leaching with metal recovery by activated carbon in solution. | Process Consulting Services | Mexico | GoGold Resources |
| Hamdah 1 Gold Project | 20Ktpm | ROM - Milling - CIL Elution - Gold production | Current 2016 | Saudi Arabia | Saudi Gold Refinery |
| Tocantinzinho | 4 Mtpa | Feasibility Study | 2015 | Brazil | Eldorado Gold |
| Bogoso West Reef | 144 Ktpa | Crushing, Milling, CIL | DFS Completed 2015 SS completed 2015 | Ghana | Golden Star Resources |
| Dugbe 1 | 3.5 Mtpa | Milling, CIL, Elution, Detox | DFS & FEED completed 2014 | Liberia | Hummingbird Resources |
| Debron/Merriespruit | 1.4 Mtpa | Milling, CIL, Elution | DFS completed 2013 | South Africa | Wits Gold |

Completion of 101 gold studies, 48 bankable and the construction of 33 gold plants which produced above design capacity.



**Two thirds of the earth's surface is water...
The rest we can process.**

MDM
ENGINEERING



**Listen with care
Design with purpose
Deliver beyond expectation**

part of the Amec Foster Wheeler Group

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