

ABOUT THIS REPORT

Our Integrated Annual Report 2016 tells the story of Harmony Gold Mining Company Limited (Harmony) for our 2016 financial year (FY16), from 1 July 2015 to 30 June 2016. Certain comparative historical information is presented where relevant and to provide insight into our future plans.

This report explains Harmony's performance in the past year in terms of our strategic objectives and business model, the impact of the external environment in which we operate, what we plan to do in the future and how we intend to achieve this. While we consider the primary audience of our integrated report to be the primary providers of financial capital – shareholders and investors – we understand that other stakeholders also have an interest in our company and address their interests and concerns where possible and appropriate.

This report covers all of Harmony's wholly-owned operations in South Africa as well as its joint venture and own exploration activities in Papua New Guinea. In addition, this report details the material environmental, socio-economic and governance aspects of our operations, and of Harmony as a whole. Discontinued operations have been excluded unless otherwise stated.

For the purposes of this report we define the short, medium and long term as follows:

Short term – six months to a year

Medium term – one year to three years

Long term – longer than three years

In addition to this report, Harmony produces an annual report prepared on a Form 20-F that is filed with the United States Securities and Exchange Commission, in compliance with the listing requirements of the New York Stock Exchange. Copies of this will be available from 26 October 2016, free of charge at www.sec.gov and on our website. In an effort to align the Form 20-F with the Integrated Annual Report, we have included relevant information from the Form 20-F in this report. Any additional information can be found on our website at www.harmony.co.za/investors. This Integrated Annual Report has been developed in line with the International Integrated Reporting Council Framework, the Global Reporting Initiative G4 guidelines and the King III Report on Governance for South Africa. The full Global Reporting Initiative index is available on our website at www.har.co.za.

In addition, our annual financial statements, including the summarised consolidated statements, were prepared in accordance with the International Financial Reporting Standards as issued by the International Accounting Standards Board, the recommendations of the International Financial Reporting Interpretations Committee (collectively the International Financial Reporting Standards), the SAICA Financial Reporting Guidelines as issued by the Accounting Practices Committee, Financial Pronouncements as issued by the Financial Reporting Standards Council, the South African Companies Act 71 of 2008, as amended (Companies Act) and the JSE Listings Requirements.

For ease of reference, Harmony's audited annual financial statements are available in a separate report, the Financial Report 2016. A separate document, the Report to Shareholders containing the notice of annual general meeting and summarised financial statements, is posted to shareholders. No restatements were made in the 2016 financial year.

Everything we do, from risk assessment and decision making to reporting, is informed by our values and our understanding of how various elements of the business fit together. We have applied this approach to this report as well – it is a fully integrated document that gives insight into both our financial and non-financial performance. A section entitled Mineral Resources and Reserves – Summary appears in this report with more comprehensive information available in the report entitled Mineral Resources and Mineral Reserves 2016. The resource and reserve statements were compiled in accordance with the South African Code for Reporting of Exploration Results, Mineral Reserves and Mineral Resources, the Australian Code for Reporting of Mineral Resources and Mineral Reserves, Industry Guide 7 of the United States' Securities and Exchange Commission and the JSE Listings Requirements. This information was gathered, reviewed and confirmed by the relevant competent persons.

At Harmony we acknowledge that our reports are made meaningful by ensuring that the information presented is accurate and appropriate. The key performance indicators presented here were assured by Sizwe Ntsaluba Gobodo. A copy of their assurance report is available in this Integrated Annual Report.

All of the reports making up our 2016 suite of reports, together with a Glossary of Terms, used in these reports, are available online at www.har.co.za.

FEEDBACK

As our reporting and the activities discussed can be improved through feedback, should you have any comments or suggestions on this report, send them to our investor relations team: HarmonyIR@harmony.co.za.