

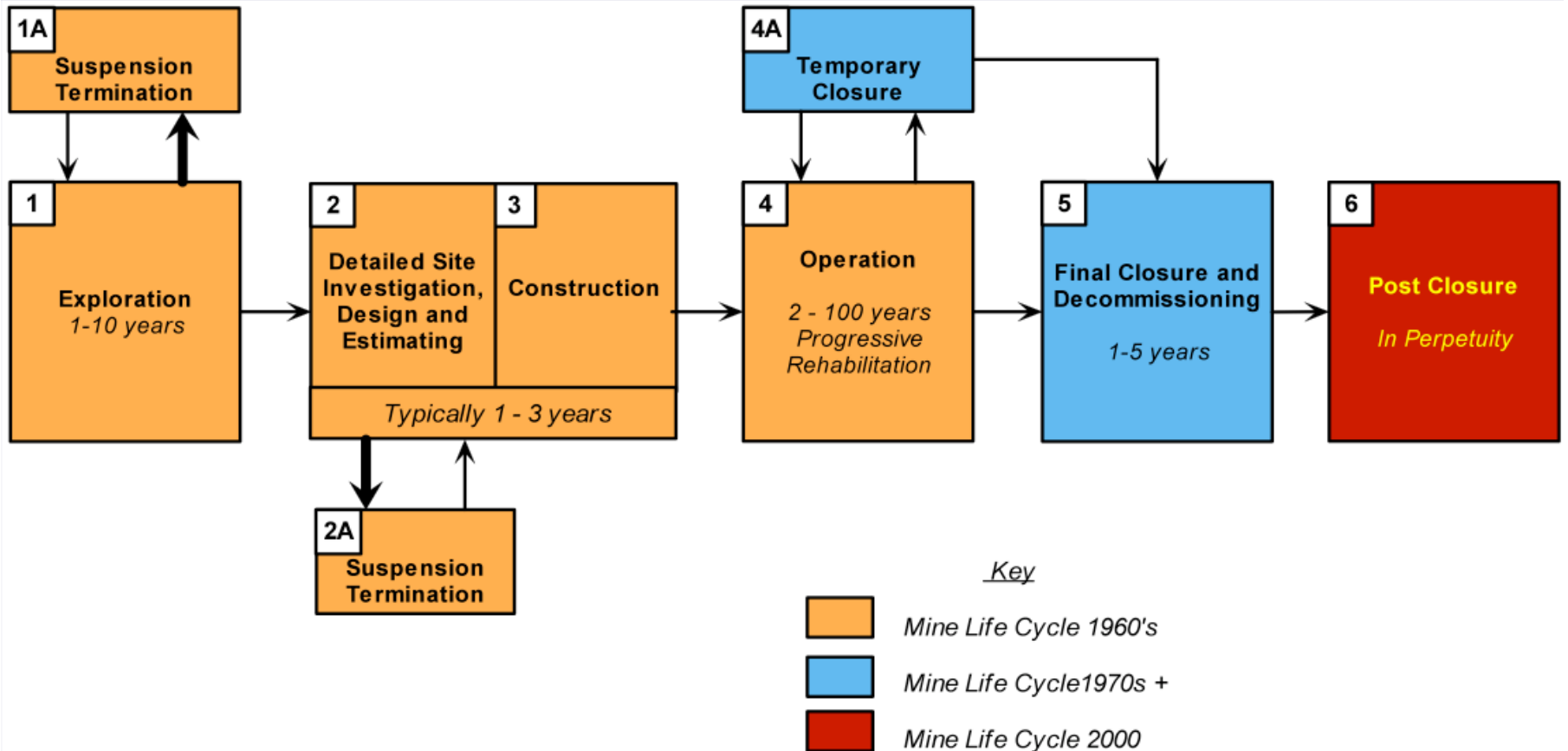
Tanzania: Mining's Socio-economic Contribution

Mining: An overview

Government of Tanzania, TCME and ICMM Seminar
May 19th, 2009

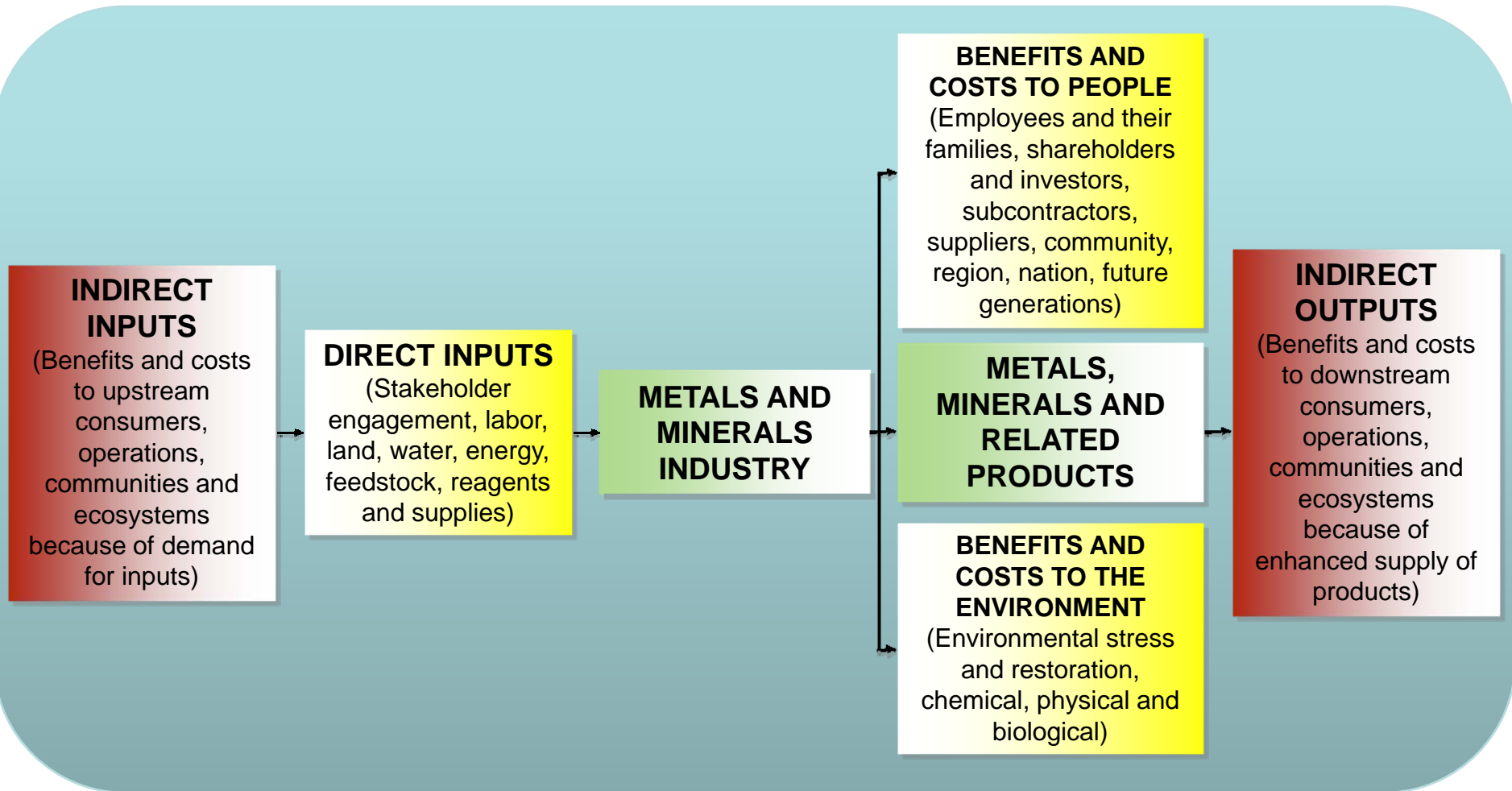


The mining project life-cycle



Source: R. Anthony Hodge, Ph.D., P.Eng. (ICMM President).

Overview of mining inputs and outputs

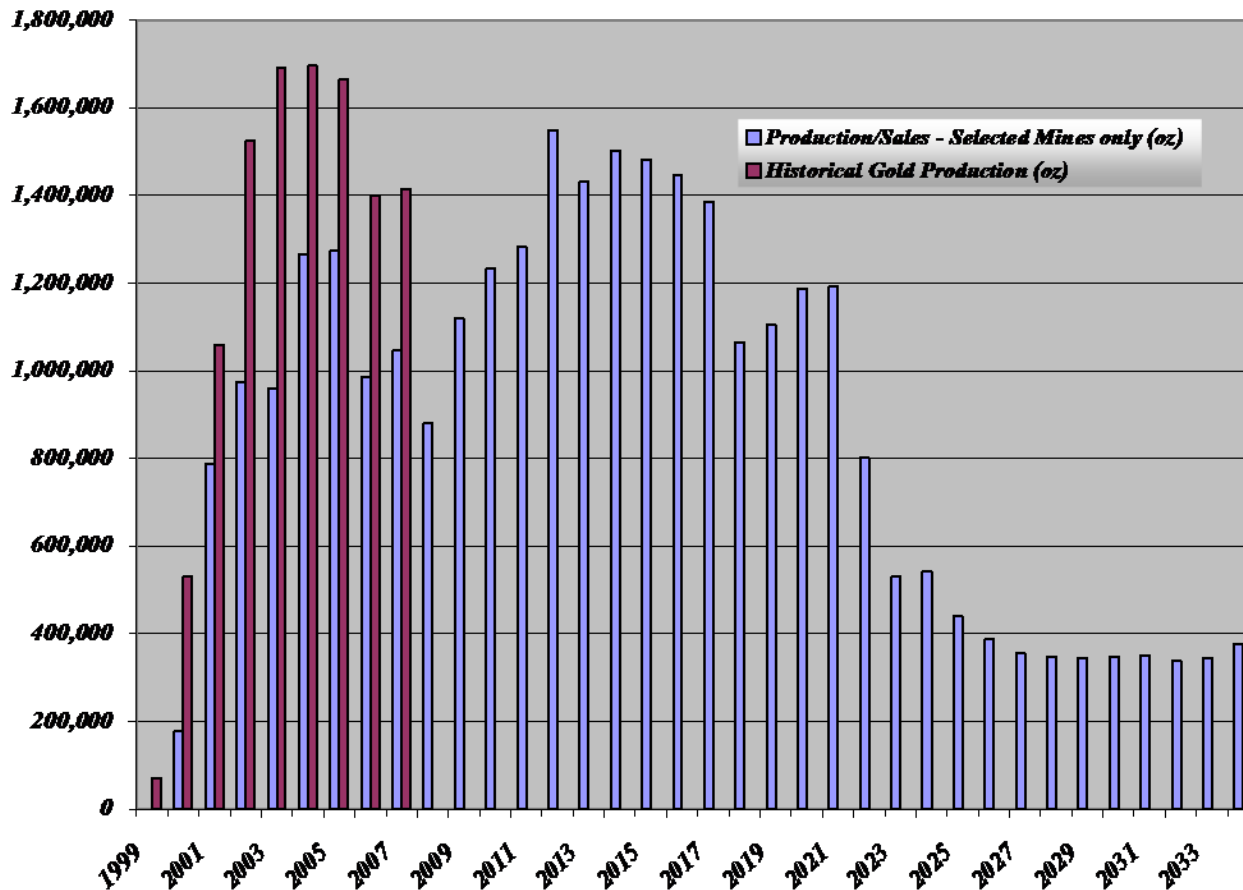


Source: R. Anthony Hodge, Ph.D., P.Eng. (ICMM President).

Developing long term lifecycle scenarios in Tanzania: Method

- Data were requested from FOUR major companies (AGA, Barrick, Resolute, IAMGold) covering the FULL life cycles of the mines they operate under headings such as:
 - Capital costs (including labour no and costs)
 - Operating costs (ditto)
 - Closure costs
 - Tax Payments under all main headings (royalties, corporation tax, payroll taxes, VAT, licenses etc)
 - Community contributions
- Data were received in time from THREE companies covering FOUR main operating mines (N.Mara, Bulyanhulu, Geita, Tulawaka) and the period 1995 through 2034 (almost FORTY years of data)
- Data were aggregated by an independent person appointed by the World Gold Council. Research team only saw the AGGREGATED DATA
- *The results presented today are Preliminary only since the data received have some gaps and a few puzzles still to resolve.*

Expected production to 2034 (oz)



Note:

Production in the identified mines goes from 1.05 million in 2007 to 1.55 million by 2012

For further information
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