

Pascale Jacqueline PETIT

Experienced mechanical engineer, passionate about **three E's**
Engineering, Economics and the Environment
 Seeking a **senior level** role in consulting

Education

- M. Eng. (Mineral Resource Management) at the University of Witwatersrand
- M. Sc. (Mechanical Engineering) at the Rand Afrikaans University
- B. Sc. (Mechanical Engineering) at the Rand Afrikaans University

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Languages

Fluent: English: : Read/Write/Listen/Speak (excellent)
 Fluent: Afrikaans: Read/Write/Listen/Speak (excellent)
 Native: French: Read/Write/Listen/Speak (excellent)

Professional profile and Career highlights

- **Mechanical mining engineering and techno-economic valuation** across multiple assets worth up to USD 2 billion (Real).
 - Clients range from **small entities** to **listed corporations** and consulting companies.
 - Contributor to **converting to efficient technologies** and methodologies in operations of high profile multinational mining leaders, saving up to a minimum of USD 4 million annually (Real).
- **Various levels of studies** for engineering, estimating and valuations, trade-off analyses and optimization saving up to USD 5/ton_{ROM}.
- **Securing cost effective project selection** through commodity knowledge of PGMs, gold, coal, base metals, ferrous metals, diamonds, steel and cement.
- **Environmental and energy solutions** including carbon footprint analysis and energy management as part of integrating environmental economics into mineral economics.
 - Specialised service provider to rescue companies from closure
 - Advisor to companies on green branding.
- **Publications** in mechanical and mining engineering journals and presentation of papers at **international conferences**, positioning for future.

Numbers

17 Years of work Experience
187 Projects for
151 Clients across
40 Commodities in
25 Countries

