

SMIEC Reference Projects

Regional Infrastructure

for Mining Developments





SMEC has assisted mining companies and governments for over 40 years develop innovative technical solutions for regional infrastructure including

- energy and water supply**
- road and rail transport**
- social infrastructure**

often in remote regions around the globe.



SMEC has over 3000 employees with international coverage in 80 countries and can support

- mine planning and feasibility studies**
- infrastructure developments**

across Asia, Africa, the Middle East and the Pacific Region.



AUSTRALIAN Reference Projects

WA Dept. of Industry and Resources

The study

- **identified the region's mineral and processing potential**
- **identified impediments and unnecessary duplication of existing policy and regulatory frameworks for the development of the mining industry.**



AUSTRALIAN Reference Projects

Kalgoorlie Gold Mine – KCGM, WA

- **Project management, design, environmental and planning services for relocation of existing road, rail, water, power and communication infrastructure to enable expansion of the largest gold mine in Australia.**



AUSTRALIAN Reference Projects

Morwell River Diversion, Victoria

- **Design and construction of the river diversion across the Yallourn Coal Mine workings.**
- **The project which cost \$120million won a Victorian Engineering Excellence Award for Urban and Regional Infrastructure.**



INTERNATIONAL Reference Projects

Phulbari Coal Mine, Bangladesh

- **Environmental and social impact assessment studies and stakeholder consultation for the development of a proposed 16Mtpa open cut mine in northwest Bangladesh and associated transport infrastructure and port development in the Bay of Bengal.**



INTERNATIONAL Reference Projects

30MW Geothermal Power Station, PNG

- **Design, procurement, supervision and commissioning of a 30MW plant for Lihir Gold Mine**
- **SMEC also registered this power station under the Clean Development Mechanism of the Kyoto Protocol to allow the client to generate internationally tradeable carbon credits**



ALLIANCES with construction firms

LAJV Gateway Upgrade Project, Brisbane

- **SMEC and Maunsell Aecom are the principal designers for the Leighton Abigroup Joint Venture (LAJV) to construct the \$1.88billion Gateway Upgrade Project, the largest road and bridge project in Queensland's history.**



ALLIANCES servicing the coal industry

AustCoal Consulting Alliance of 12 firms was formed by Bede Boyle to assist the coal industry and its service providers achieve their business objectives.

Bede is assisting SMIEC further develop their regional infrastructure services to the coal industry and government.



CONTACT

Bede Boyle

Business Manager Mining

+61 (0) 419 213 010

bede.boyle@smec.com.au

www.smec.com.au