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Kalgoorlie-Boulder Mining Innovation Hub

Annual Assembly 2017



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Kalgoorlie-Boulder Mining Innovation Hub

Overview



KALGOORLIE -BOULDER MINING INNOVATION HUB

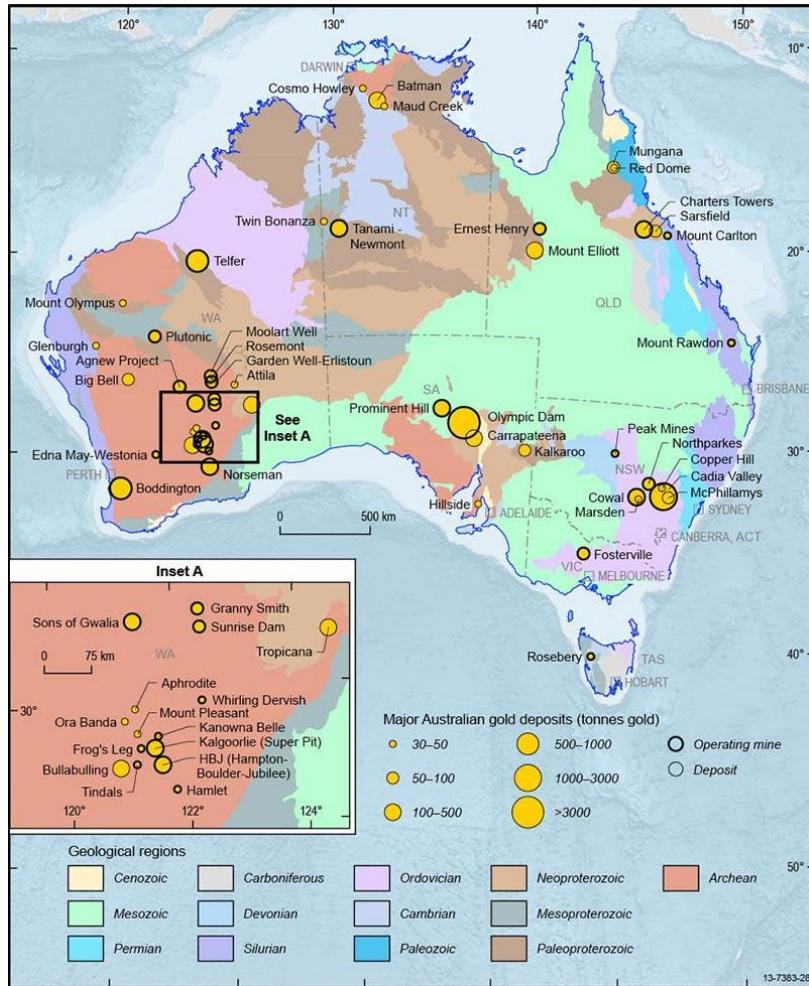


OPERATE AS A "NODE" OF CRC ORE FOR INITIAL 2 YEAR PERIOD

ALLOWS TIME FOR ASSESSMENT OF VALUE & DEVELOPMENT

OF SUSTAINABLE MODEL

MINING HUB – LOCATION & FEEDBACK



MUST BE SUSTAINABLE



MUST NOT COMPETE WITH EXISTING ORGANISATIONS



MUST BE DRIVEN BY INDUSTRY



SHOULD FIT WITH REGIONAL GROWTH PLAN



SHOULD BE INDEPENDENT



Purpose

Promote collaboration
partnerships



Independent assessment of
technology



Facilitate in-field
demonstration and adoption



Professional Development



Promote avenues to funding
(MRIWA, METS Ignited etc)



TECHNOLOGY & INNOVATION – OVERARCHING FRAMEWORK

Identification & Integration

- Defining the challenge
- Technology Clustering
- Supplementary Research
- Collaboration

Validation & Demonstration

- End user demonstration
- Value Proposition development
- Independent evaluation

Investment & Commercialisation

- Business Case Development
- Funding Opportunities
- Accelerator Programs

CRC ORE Strategic Focus

Existing Initiatives

Kalgoorlie-Boulder Mining Innovation Hub

HUB PROJECTS – CURRENT & FUTURE

Active Projects

- GE View – Identifying Grade Engineering Targets
- 2 x PhD projects WASM (Lithium & Mine Planning)

Advanced Development

- 4 x Site Based Grade Engineering Site Projects covering various commodities (i.e. Au, Ni, Cu, Co)
- 1 x PhD Innovation Framework Development
- Online multilingual professional development program

Future Initiatives

- Mobile Grade Engineering characterisation laboratory
- Bulk Au sensor
- Selective Breakage Device

Open to additional projects and technologies outside identified activities



- Hub Director recruitment (commenced)
- Advisory Committee established
- Planned Industry Engagement
- Project development

Questions?



Contact

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Australian Government
Department of Industry,
Innovation and Science

Business
Cooperative Research
Centres Programme

CRCORE
Optimising Resource Extraction