

Australian mining of Essential Transition Minerals in South Africa: Curse or blessing?



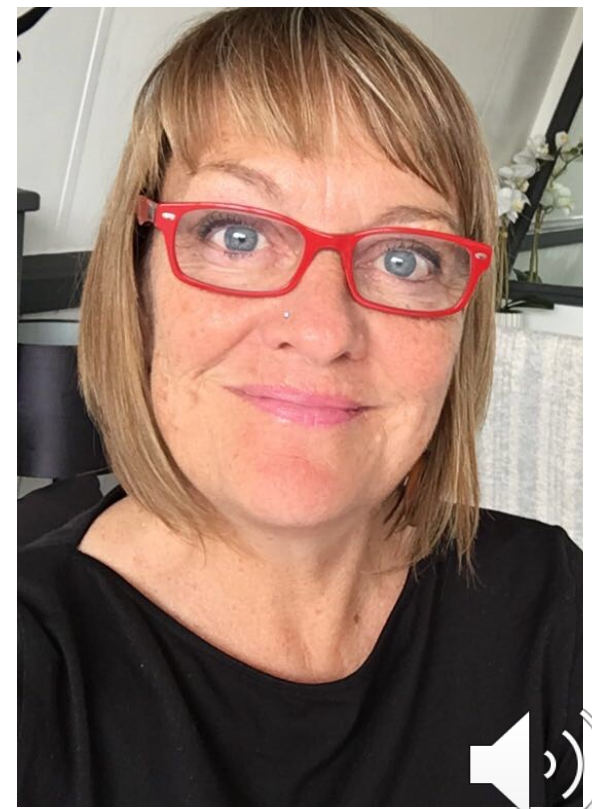
L Janelle (Elle) Ellis

*University of Southern Queensland
Australia*

elle.ellisschiemer@usq.edu.au

[elle on linkedin.com](#)

+61 456985066 (WhatsApp)



PROBLEM

- *Mining facilitates transition*
- *Energy transition minerals (ETMs)*
- *Poor track record*



Jagersfontein dam disaster



- *More critical mining*
- *More remote locations*
- *More vulnerable people*



On the road to Vanwyksvlei, Northern Cape, Republic of South Africa
©elle ellis, 2023



- **Trust**
- **Inclusion**
- **Transparency**
- **Fairness**





“Plukkerskamp”, Prieska, Northern Cape, South Africa
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- ***Gaps can be addressed by IA practitioners:***
 - ✓ ***Engage with stakeholders***
 - ✓ ***Understand context of operations***
 - ✓ ***Build knowledge, systems & capacity***
- ***Doing the right things***
- ***AND doing them in the right way***



*Siyathemba, Pixley ka Seme, Northern Cape, Republic of South Africa
Orion Minerals, 2018*

- ***30% of South Africa***
- ***3% of the population***
- ***Indigenous & mixed ethnicities***

- *Exemplary ESG standards*
- *100% powered by renewable energy*
- *High levels of compliance*
- *Water conservation*
- *Carbon neutral roadmap*



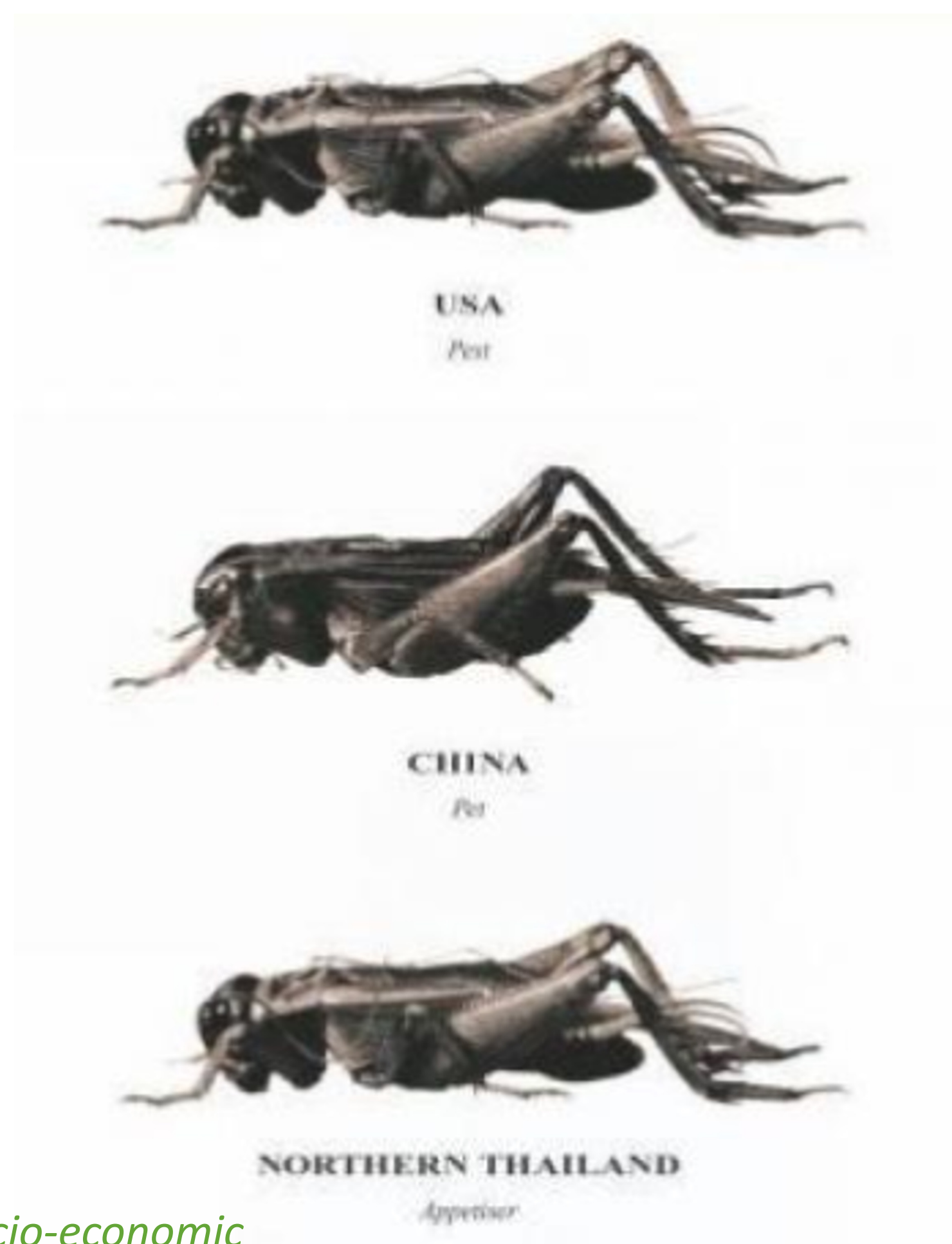
- ***Active early engagement***
- ***Have demonstrated ESG & community strategies***
- ***CSP seems core to business operations***
- ***Building knowledge, systems & capacity***



Representatives of Orion Minerals collecting an award at the Mining Indaba

CASE STUDY

- *Affect experiences*
- *Shape expectations*
- *Create implicit biases*



*Socio-economic
& ethno-cultural backgrounds influence perceptions*



- *Community development*
- *Introduction to mining*
- *Occupational assessments*



Some community program participants

- *Upliftment*
- *Training*
- *Enterprise development*





80% of the population are 'historically disadvantaged Individuals (HDIs)



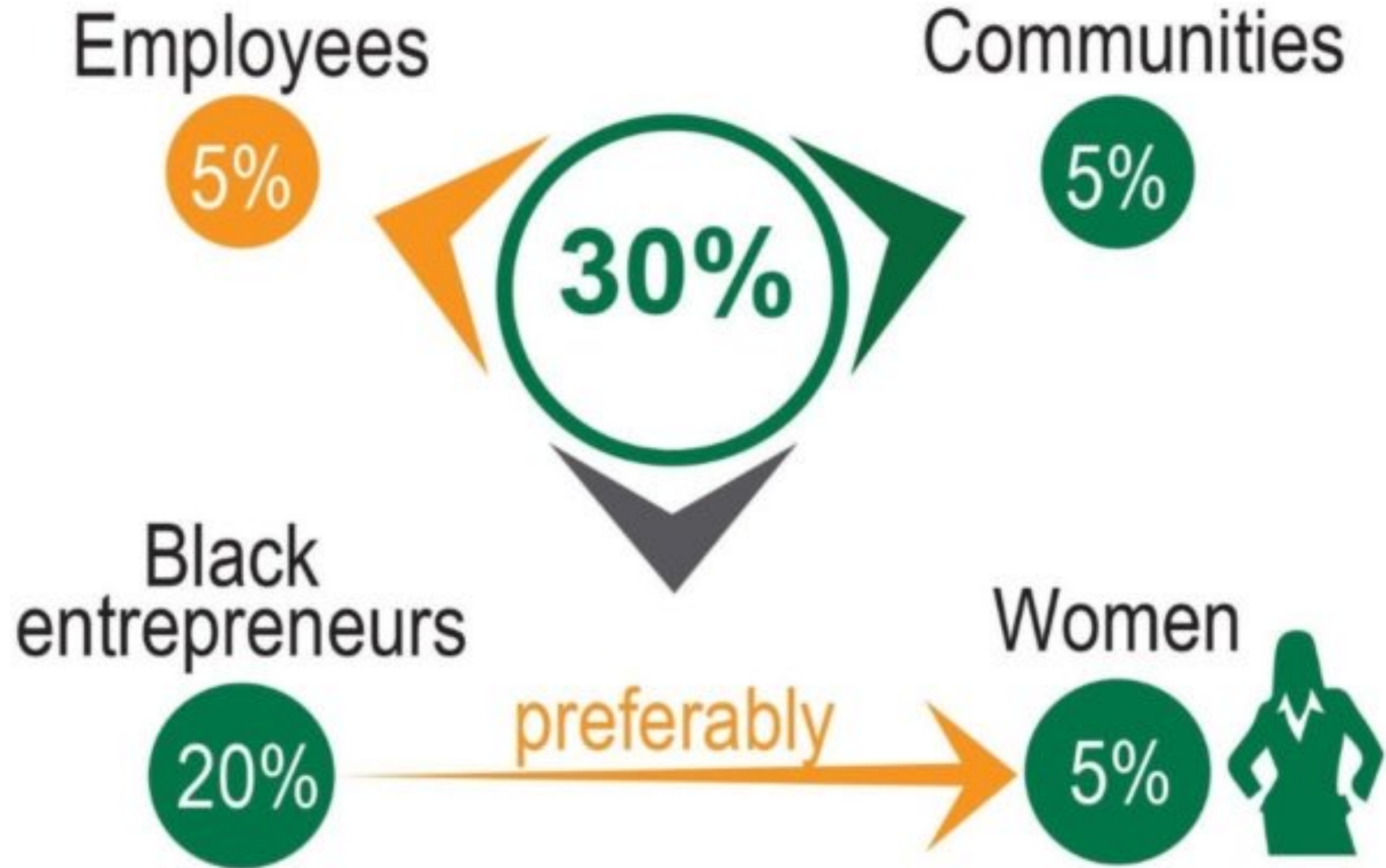
➤ *Community forum*

➤ *Online newsletter*





Protest action initiated in Prieska and moving to Copperton



Mining charter ownership requirements

Department of Mineral Resources & Energy, Republic of South Africa, 2018



Community meals program volunteers visiting recyclers living at the Prieska dump site



Gov't housing provided as part of the reconstruction & development program

Let's continue the conversation!

Post questions and comments in the IAIA24 app.



#iaia24

L Janelle (Elle) Ellis

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Australia

elle.ellisschiemer@usq.edu.au

[elle99](#) on [linkedin.com](#)

[unisq.edu.au](#)

