

Key Resources – Minerals, Climate Change and the Global Energy Transition

References to leading practice guidance and other sources of relevance to the topic

- Hund, K., La Porta, D., Fabregas, T.P., Laing, T., and Drexhage, J. (2020). Minerals for Climate Action: The Mineral Intensity of the Clean Energy Transition. Washington, D.C., World Bank Group. Available at <https://www.worldbank.org/en/topic/extractiveindustries/brief/climate-smart-mining-minerals-for-climate-action>
- International Energy Agency (2021). The Role of Critical Minerals in Clean Energy Transitions. World Energy Outlook Special Report. May. Available <https://www.iea.org/reports/the-role-of-critical-minerals-in-clean-energy-transitions>
- Maennling, N and Toledano, P (2018). The Renewable Power of the Mine: Accelerating renewable energy integration. Columbia Centre on Sustainable Investment, BMZ & GIZ, Energy and Mines. December <https://bit.ly/2Tw2qsb>
- Minerals Council of Australia – various reports available at <https://minerals.org.au/energy-and-climate-change>
- Transition Minerals Tracker – various resources available at <https://trackers.business-humanrights.org/transition-minerals/>
- Wood, T. (2019). Australia’s Energy Transition: A Blueprint for Success. Grattan Institute. September. Available at <https://grattan.edu.au/wp-content/uploads/2019/09/922-Australia-energy-transition-a-blueprint-for-success.pdf>
- World Bank (2017) The Growing Role of Minerals and Metals for a Low Carbon Future. Washington, D.C., World Bank Group <https://bit.ly/2TioAhf>
- World Bank’s Climate-Smart Mining: Minerals for Climate Action’ initiative <https://www.worldbank.org/en/topic/extractiveindustries/brief/climate-smart-mining-minerals-for-climate-action>

Relevant Australian regulation / legislation

- National Greenhouse and Energy Reporting (NGER) Act <http://www.cleanenergyregulator.gov.au/NGER>
- Renewable Energy (Electricity Act) 2000 <https://www.legislation.gov.au/Details/C2019C00061>

Links to case study examples

- Transition Minerals Tracker <https://trackers.business-humanrights.org/transition-minerals/regional-deep-dives>

Academic (open access) papers on the topic

- Lèbre, Éléonore, Stringer, Martin, Svobodova, Kamila, Owen, John R., Kemp, Deanna, Côte, Claire, Arratia-Solar, Andrea, and Valenta, Rick K. (2020). The social and environmental complexities of extracting energy transition metals. *Nature Communications*. Available at <https://www.nature.com/articles/s41467-020-18661-9>
- Bainton, Nicholas, Kemp, Deanna, Lèbre, Eleonore, Owen, John R., and Marston, Greg. (2020). The energy-extractives nexus and the just transition. Available at <https://onlinelibrary.wiley.com/doi/epdf/10.1002/sd.2163>