

Unlocking Energy and Emissions Opportunities for Australia's Mining Sector - Northmore Gordon

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Removal covers activities that permanently remove CO₂ from the atmosphere such as new forestry plantations, soil carbon improvement or carbon capture and storage. certificates Live Certificate Prices The value of certificates change day-to-day, check today's prices Solar VEECs (VEU PBA) VEU PBA for Large-scale Solar Measurement & Verification (VEU & ESS) M&V; for Large C&I; Efficiency Projects (VEU PBA & ESS PIAM&V;) BESS Calculator Estimate the Peak Reduction Certificate revenue available to your NSW battery project in minutes ERF & Carbon Credit Registration ACCUs for Emission Reduction Projects Boiler Upgrades (VEU & ESS) NSW & VIC Boiler Rebates REC Registration (I-RECs & LGCs) Register renewable assets for I-RECs and LGCs Trade RECs & Carbon with us Trade Local & International Environmental Attribute Certificates moREnewable100 (RECs & Offsets) Reach Global Sustainability Goals with Certificates and Offsets Deemed Certificates (VEU & ESS) NSW & VIC Rebates Global Certificates Environmental Attribute Certificates Australian Programs Australian EAC Programs Case Studies Sectors Articles Team More Close More Open More Northmore Gordon Learn more about Northmore Gordon with the latest news and insights, were to find us, and the extensive terminology used in emissions reductions About Us Who we are & what we do in energy efficiency & decarbonization. Locations Find our offices near you. Contact Us Get in touch with our team. Careers Join our team making a sustainability difference Articles Learn about energy efficiency & carbon reduction. Latest News Stay informed on industry developments. Government Updates Track policy changes impacting your energy use. Accreditations See our certifications for trusted service. Glossary Define key terms in emissions reduction. Unlocking Energy and Emissions Opportunities for Australia's Mining Sector Northmore Gordon May 1, 2025 Articles Share this article Australia's mining industry is under increasing pressure to manage rising energy costs and meet tightening emissions regulations, while maintaining productivity and profitability. At Northmore Gordon, we help mining companies navigate this evolving landscape — turning energy and emissions challenges into opportunities for savings, compliance, revenue and leadership in sustainability. Challenges Facing Mining Operations Mining is among the most energy-intensive industries in Australia. From on-site power generation to heavy processing equipment, diesel in mining fleet, and FIFO workers, every operational aspect contributes to significant energy usage and emissions. Some of the top challenges mining companies face include: Rising Energy Costs : Baseline energy use across on-site power, comminution, refrigeration, pumps, compressors, and fans can cost millions, exposing mines to even the most modest of price volatility. Emissions Compliance under Safeguard Mechanism : Sites emitting more than 100,000 tonnes CO₂-e annually are needing to either reduce emissions by 4.9% per year or offset them with ACCUs or SMCs at an uncertain future price . Data Complexity : Having the right data to make informed decisions and demonstrating verified savings from energy or carbon reduction projects requires robust measurement and compliance. Accessing Incentives and Credits : Many mining operations are not aware that they can unlock funding for energy and carbon projects using tradeable Environmental Certificates. These markets are growing rapidly, and they can contribute significant amounts to project financing. What Northmore Gordon Offers the Mining Sector Based on our work with multiple mining sites — including operations in Western Australia, NSW, QLD and Victoria — we deliver an end-to-end service suite that includes: Energy Efficiency Comprehensive assessments of whole-of-site operations, energy intensity, benchmarking, and opportunities for improvement. Identified and validated savings from energy and carbon projects Feasibility and Options studies to support your energy transition and net zero pathway Grant funding via the Powering the Regions Fund , ARENA and other federal/state initiatives. Environmental Certificates and Carbon Offsets Registration of your Energy and Carbon projects for Environmental Certificates Trading of certificates for revenue – sometimes millions in financial returns Management of all aspects of compliance and reporting for certificate projects. Safeguard Mechanism and ACCU An ACCU is a unit issued to a person by the

Clean Energy Regulator (Regulator) by making an entry for the unit in an account kept by the person in the electronic [Australian National Registry of Emissions Units] registry. Each ACCU issued represents one tonne of carbon dioxide equivalent (tCO₂-e) stored or avoided by a project. An ACCU can only be issued to a person if the person has a Registry account. Strategy High emitting facilities are required to reduce their emissions in line with the Safeguard Mechanism, which usually precludes them from generating ACCUs to subsidise their emission saving. However, using the methodologies that Northmore Gordon lead in, we can produce ACCUs on site – even for Safeguard facilities. We help you with: Emissions reporting and facility baselines under the Safeguard Mechanism. Advisory on compliance pathways, including ACCU procurement and carbon market navigation. Strategic planning to minimise exposure to future emissions reduction obligations. Carbon and Energy Reporting Full carbon accounting, emissions profiling, and reporting to align with NGER National Greenhouse and Energy Reporting Scheme. Large energy users and greenhouse gas emitters that exceed the thresholds must report their detailed energy and emissions data each year to the Australian Clean Energy Regulator. More Scheme and ASRS Australian Sustainability Reporting Standards (ASRS) - Australia's mandatory climate-related financial reporting rules started on 1 January 2025 and are being phased in across three reporting groups. Advisory on integrating renewables and low-carbon technologies into the mining energy mix. Generation, management, and sale of LGCs Options Open to Australian Mining Companies Mining companies can partner with Northmore Gordon to explore: ACCU and energy efficiency certificate creation from efficiency and carbon reduction projects. Safeguard Mechanism compliance via emissions reductions and ACCU strategy. Grant funding via the Powering the Regions Fund, ARENA and other federal/state initiatives. Carbon neutrality pathways and development of internal carbon pricing frameworks. Your Energy. Smarter. Cleaner. More Valuable. By working with Northmore Gordon, mining companies gain more than compliance — they unlock strategic energy and carbon opportunities that drive real business value. Want to reduce costs and emissions without compromising output? Talk to Jack Warren – Technical Decarbonisation Methods Lead ACCU , ARENA , Mining , Northmore Gordon You may also like: Australian Certificate Markets – August 2026 Update Australian Certificate Markets – July 2026 Update. The Power of Big Battery Storage: BESS Unlocking the Future of Renewable Energy for Business Latest Updates ASRS Group 3: are you in scope and don't know it? September 18, 2026 Correct as at 13 September 2026. 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