



PT Delta Mineral
Indonesia

Sustainable Development Goal Progress

SDG Progress
Report 2025

Compiled By
Heinrich Ferari

Date of the Report
15/02/25

Report Outline

PART 1

Introduction

PART 2

Message from our Leaders

PART 3

Priority SDGs

PART 4

Measuring Progress

PART 5

Highlights of Achievement

PART 6

Next Steps



THE GLOBAL GOALS



The 17 Sustainable Development Goals

The Sustainable Development Goals (SDGs), also known as Global Goals, are a set of 17 integrated and interrelated goals to end poverty, protect the planet and ensure that humanity enjoys peace and prosperity by 2030.

Reporting on the SDGs is important in communicating to stakeholders the company's commitment to contributing to the Global Goals; claiming accountability and responsibility to take the necessary actions; and measuring progress over time.



PT Delta Mineral
Indonesia

Introduction

PT Delta Mineral Indonesia (PT DMI) is a prominent mineral processing company located on Belitung Island, Indonesia. Specializing in the extraction and processing of zircon, ilmenite, and silica, PT DMI is committed to sustainable practices and environmental conservation. By integrating renewable energy solutions into its operations, PT DMI not only reduces its carbon footprint but also sets a standard for responsible industrial practices in the mining sector.

This report outlines the company's alignment with the United Nations Sustainable Development Goals (SDGs) and its ongoing efforts to promote renewable energy and sustainable development.





Message from our leaders

PT DMI is currently in the exploration phase, with a clear focus on developing sustainable solutions for the future. Our research is directed toward processing silica to meet the demands of strategic industries, particularly silicon metal, which is vital for renewable energy advancements. Recognizing the challenges of operational disruptions due to unreliable power supply, we have taken proactive steps by implementing a hybrid solar power system.

This solution has not only stabilized our operations, ensuring uninterrupted production during power outages, but also exemplifies our commitment to integrating sustainability into every aspect of our business. Through innovation and renewable energy, PT DMI aims to build a resilient, future-ready industry while safeguarding the environment.

"Stable operations and sustainable innovation go hand in hand. By investing in renewable energy and responsible resource processing, we ensure our growth supports both industry and the environment."

Ferdi, President Director of PT Delta Mineral Indonesia

Priority SDGs



AFFORDABLE AND CLEAN ENERGY

PT DMI installed a Solar Power Plant (PLTS) system in collaboration with Novelite, ensuring access to affordable, reliable, sustainable, and modern energy for its operations and the local community.



INDUSTRY, INNOVATION, AND INFRASTRUCTURE

The adoption of solar energy in mineral processing demonstrates technological innovation and sustainable industrial practices, promoting resilient infrastructure and fostering innovation within the industry.



RESPONSIBLE CONSUMPTION AND PRODUCTION

By transitioning to renewable energy, PT DMI is reducing its reliance on non-renewable sources, promoting resource efficiency, and contributing to sustainable consumption and production patterns.

PT Delta Mineral Indonesia recognizes the importance of all 17 SDGs but focuses on key goals aligned with its business and sustainability vision. These priority SDGs reflect PT DMI's commitment to renewable energy, responsible production, and reducing environmental impact.

Priority SDGs



CLIMATE ACTION

By transitioning to renewable energy, PT DMI is reducing its reliance on non-renewable sources, promoting resource efficiency, and contributing to sustainable consumption and production patterns.

PT Delta Mineral Indonesia recognizes the importance of all 17 SDGs but focuses on key goals aligned with its business and sustainability vision. These priority SDGs reflect PT DMI's commitment to renewable energy, responsible production, and reducing environmental impact.



PARTNERSHIPS FOR THE GOALS

PT DMI's recent collaboration with BRIN demonstrates the power of strategic partnerships between industry and research institutions, driving innovation in sustainable mining and advancing shared goals for environmental responsibility and industrial development.

Measuring Progress

Tracking PT DMI's transition to renewable energy, operational cost savings, emission reductions, and improved energy reliability, demonstrating the tangible impact of sustainability efforts.

KEY METRICS	2023 (BEFORE SOLAR)	2024 (AFTER SOLAR IMPLEMENTATION)
Renewable Energy Usage (%)	0%	30%
Carbon Emissions Reduction (tCO2)	0	500
Energy Cost Savings (IDR/month)	0	3.5 million
Production Downtime Reduction (%)	0%	10%
Clean Energy Produced (MWh)	0	30

Highlights of Achievement

- 1 CLEAN ENERGY PRODUCTION**
Generated 30 MWh of clean energy annually.
- 2 COST SAVINGS ACHIEVED**
Achieved monthly energy cost savings of approximately IDR 3.5 million.
- 3 RELIABLE 24/7 POWER SUPPLY**
Guaranteed 24/7 electricity availability, improving operational reliability.
- 4 CO2 EMISSION REDUCTION**
Reduced carbon emissions by approximately 500 tons of CO2 annually.
- 5 HYBRID SOLAR POWER INSTALLATION**
Successfully installed and operationalized a 20 kW hybrid Solar Power Plant (PLTS) system.

And it doesn't stop here. We commit to being more sustainable, expanding clean energy, and ensuring reliable operations.

Next Steps

PT DMI views sustainability as an ongoing journey. Building on current achievements, the company will strengthen its renewable energy initiatives, enhance operational efficiency, foster community partnerships, and ensure accountability through regular performance reviews and transparent reporting.

BOOST ENERGY EFFICIENCY

Implement additional energy efficiency measures across all processing facilities.

COMMUNITY RENEWABLE PARTNERSHIPS

Explore partnerships with local communities to extend renewable energy solutions beyond company operations.

STRENGTHEN SUSTAINABILITY REPORTING

Conduct periodic evaluations and publish annual sustainability reports to ensure transparency and continuous improvement.

Conclusion

PT Delta Mineral Indonesia's commitment to renewable energy and sustainable practices positions the company as a leader in environmental responsibility within the mining sector. The transition to hybrid solar power has resulted in measurable environmental and economic benefits, demonstrating that sustainability and industrial growth can go hand in hand, and it is just the beginning.

By aligning its operations with SDGs, particularly SDG 7, SDG 9, SDG 12, and SDG 13, PT DMI is contributing to a more sustainable future while securing long-term business resilience.



**AFFORDABLE AND
CLEAN ENERGY**

- Installed Belitung Island's first 20 kW hybrid solar power system.
- Ensured 24/7 electricity while cutting operational costs.



**INDUSTRY, INNOVATION, AND
INFRASTRUCTURE**

- Pioneered hybrid solar technology in mineral processing.
- Strengthened operational resilience through energy innovation.



**RESPONSIBLE CONSUMPTION AND
PRODUCTION**

- Reduced dependence on non-renewable energy sources.
- Improved resource efficiency in production processes.



CLIMATE ACTION

- Lowered greenhouse gas emissions with solar energy adoption.
- Contributed to reducing the carbon footprint of operations.



PARTNERSHIPS FOR THE GOALS

- Collaborated with BRIN to advance sustainable mineral processing research.
- Fostered innovation through partnerships with research institutions.

Acknowledgements

PT DMI extends its sincere gratitude to all stakeholders who have supported our sustainability journey. We thank our employees for their dedication, our partners at **BRIN** for their invaluable collaboration, and the local community for their trust and cooperation. We also acknowledge **Novelite Renewables**, our trusted contractor, for their expertise and commitment in successfully installing our hybrid solar power system.

Together, we are building a future where innovation and sustainability drive our industry forward. This report marks only the beginning—our commitment to responsible growth and environmental stewardship will continue to shape every step we take.



In collaboration with



“Because it starts with us. What we take from nature, we must return—with care, respect, and a commitment to preserving it for generations to come.”



**PT Delta Mineral
Indonesia**

Contact

PT Delta Mineral Indonesia

+62 812 6600 2253

Jalan Mempiu

Belitung Regency 33451

Provinsi Kep. Bangka Belitung

Indonesia

www.deltamineral.com

ferdi@deltamineral.com

**We thank you for your continued support in
our efforts to contribute to the SDGs.**