ESG Reporting in Mining Training Course

Professional Development Training Course Outline

Category	General Training	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The ESG Reporting in Mining Training Course is designed to equip mining professionals with advanced competencies in ESG disclosure, sustainability reporting frameworks, and integrated risk management strategies aligned with global standards. As the mining sector faces increasing pressure from investors, regulators, and communities, robust ESG reporting has become a critical driver of social license to operate, capital access, and long-term operational resilience. This course emphasizes practical implementation of carbon accounting (Scope 1, 2, and 3 emissions), biodiversity impact assessment, tailings dam safety reporting, and human rights due diligence in mining supply chains.

Participants will gain hands-on expertise in ESG data management systems, materiality assessments, climate risk disclosures, decarbonization pathways, and responsible mining practices. The program integrates real-world mining case studies, digital reporting tools, and global best practices to enable participants to produce high-quality sustainability reports, integrated annual reports, and ESG dashboards. By the end of the training, learners will be able to align mining operations with Net Zero targets, circular economy principles, stakeholder capitalism expectations, and global ESG investment benchmarks, ensuring compliance and competitiveness in a rapidly evolving extractive industry landscape.

Programme Curriculum

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Course Duration

5 days

Course Objectives

1. Master ESG reporting frameworks for mining operations
2. Apply carbon footprint accounting in mining projects
3. Conduct materiality assessments aligned with stakeholder expectations
4. Develop sustainability disclosure reports for global investors
5. Integrate climate risk assessment and transition risk modeling
6. Implement biodiversity and ecosystem impact reporting systems
7. Strengthen tailings management and environmental risk disclosure
8. Evaluate social impact assessments (SIA) in mining communities
9. Enhance governance frameworks and anti-corruption reporting compliance
10. Align operations with Net Zero mining and decarbonization strategies
11. Use ESG data analytics and digital reporting platforms effectively
12. Improve supply chain due diligence and responsible sourcing standards
13. Ensure compliance with global ESG regulations and investor ESG benchmarks

Target Audience

1. Mining engineers and operations managers
2. ESG and sustainability officers
3. Environmental compliance managers
4. Corporate social responsibility (CSR) practitioners
5. Health, Safety & Environment (HSE) professionals
6. Mining company executives and decision-makers
7. Government regulators and policy advisors in extractives
8. Financial analysts and ESG investment professionals

Course Modules

Module 1: Introduction to ESG in Mining

- Evolution of ESG in extractive industries
- Mining lifecycle and ESG integration points
- Global ESG regulatory landscape
- Investor expectations and ESG ratings
- ESG reporting vs sustainability reporting

- **Case Study:** Anglo American ESG transformation strategy and sustainability integration model

Module 2: ESG Reporting Frameworks & Standards

- GRI Standards application in mining
- ISSB and IFRS sustainability disclosure alignment
- SASB mining sector metrics
- TCFD climate disclosure requirements
- Integrated reporting frameworks
- **Case Study:** Rio Tinto ESG disclosure alignment with global frameworks

Module 3: Climate Change & Carbon Accounting

- Scope 1, 2, 3 emissions mapping in mining
- Carbon inventory development techniques
- Decarbonization pathways for heavy industry
- Energy transition strategies in mining sites
- Net Zero roadmap development
- **Case Study:** BHP carbon neutrality and emissions reduction program

Module 4: Environmental Risk & Biodiversity Reporting

- Environmental impact assessments (EIA)
- Biodiversity net gain reporting
- Water stewardship and acid mine drainage
- Tailings dam safety reporting standards
- Land rehabilitation and closure reporting
- **Case Study:** Vale tailings dam incident and ESG risk reform actions

Module 5: Social Performance & Community Impact

- Stakeholder engagement frameworks
- Social license to operate (SLO) strategies
- Human rights due diligence in mining
- Indigenous community engagement models
- Social impact measurement and reporting
- **Case Study:** Newmont community engagement and social investment model

Module 6: Governance, Ethics & Compliance

- ESG governance structures in mining firms
- Anti-corruption and transparency reporting
- Board-level ESG oversight
- Whistleblowing and ethics frameworks
- Regulatory compliance reporting systems
- **Case Study:** Glencore governance restructuring and compliance reforms

Module 7: ESG Data Management & Digital Reporting

- ESG data collection systems and KPIs
- Digital ESG dashboards and analytics tools
- AI and automation in ESG reporting

- Data assurance and audit readiness
- Blockchain in supply chain transparency
- **Case Study:** IBM-based ESG traceability system in mineral supply chains

Module 8: Integrated ESG Strategy & Reporting

- Integrated annual reporting frameworks
- ESG scoring and investor communication
- Scenario planning and risk forecasting
- Sustainable finance and ESG-linked funding
- Continuous improvement in ESG performance
- **Case Study:** Sibanye-Stillwater ESG-linked financing and reporting evolution

Training Methodology

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com