

Scope 3 emissions in the Mining and Metals industry

Webinar on Scope 3 Emissions Traceability

ICMM MEMBERS



Bringing together a third of the global metals and mining industry to drive leadership, action and innovation. ICMM company members set the standard for responsibly produced minerals and metals in a safe, just and sustainable world.



- In addition to company members, we count over 42 national and commodity associations as members, each of which share our commitment to responsible and sustainable mining practices.

- By working together, we hope to achieve a positive impact on our wider industry that enhance the contribution of mining and metals to sustainable development. This embodies our purpose of providing leadership through collaboration.

NET-ZERO COMMITMENT



ICMM members commit to individually achieving net-zero Scope 1 and 2 GHG emissions by 2050, or sooner.

Climate change poses an existential threat to the health and wellbeing of people and the planet. Around the world, people's lives and livelihoods, alongside biodiversity and natural ecosystems that many people depend upon, are already being disrupted by the impact of climate change and resulting extreme weather conditions. The urgency of climate change is becoming more acute, ICMM is raising its member requirements.

Setting short, medium, and long-term Scope 1 and 2 targets:

We will build clear pathways to achieving net zero Scope 1 and 2 GHG emissions by 2050 through meaningful short and/or medium-term targets.

Covering all material sources:

Our targets will cover all material sources of emissions, aligning to the GHG Protocol definition of organisational boundaries and materiality.

Accelerating action on Scope 3 GHG emissions:

We will set Scope 3 targets if not by the end of 2023, as soon as possible. We will play a leading role in overcoming barriers and advancing partnerships with suppliers and customers to enable credible target setting and emission reductions across value chains.

Applying robust methodologies:

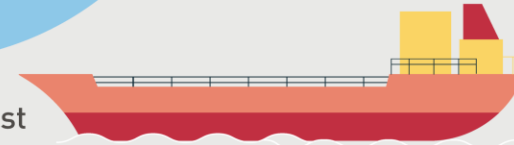
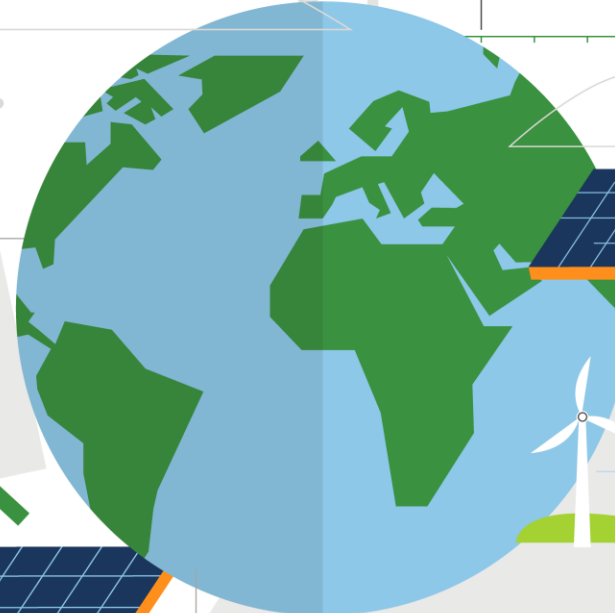
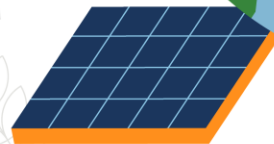
We will use target-setting methodologies that are aligned with the ambitions of the Paris Agreement and disclose in detail the assumptions we use.

Disclosing openly and transparently:

We will report our progress in meeting targets annually, obtain external verification over our performance, and report against the recommendations of the Task Force on Climate-related Financial Disclosures.

Focussing on absolute reductions:

For some operations, intensity rather than absolute targets may be more appropriate in the short and medium term. Where intensity targets are used, we will disclose the corresponding absolute increase or decrease in GHG emissions.



MINE OF THE FUTURE

Climate change is one of the key global challenges of our time and building resilience today means reaping rewards tomorrow.

ICMM members commit to being part of the solution to climate change by implementing operational level adaptation and mitigation solutions and continuing to contribute to the sustainable production of the commodities which are essential to the energy and mobility transition.

Supporting emissions reductions from the maritime transportation of products by perusing low carbon chartering choices and promoting technology to optimise voyages.



Engaging with downstream stakeholders to support the development of technologies capable of reducing emissions in the production of steel and aluminium.



Supplying critical minerals for the renewable energy technologies that will fuel a low carbon world.



SUPPLYING CRITICAL MINERALS

Supporting the principles of a circular economy to keep materials in service for longer and avoid unnecessary use of minerals and metals.



ALONG THE VALUE CHAIN

Accounting and reporting Scope 3 emissions along value chains to identify emission reduction opportunities.



AT THE MINE SITE

Promoting innovations for GHG-free surface mining vehicles by 2040 through ICMM's ICSV initiative.



Renewable energy is an increasingly viable technical and competitive alternative to fossil fuels for both grid connected and off-grid mine sites.





Getting to a Healthier, More Resilient, Low Carbon World.

Businesses must reduce their environmental impact. One of the ways they can do this is by reducing their carbon footprint, and this starts with understanding, accounting and reporting their greenhouse gas emissions.



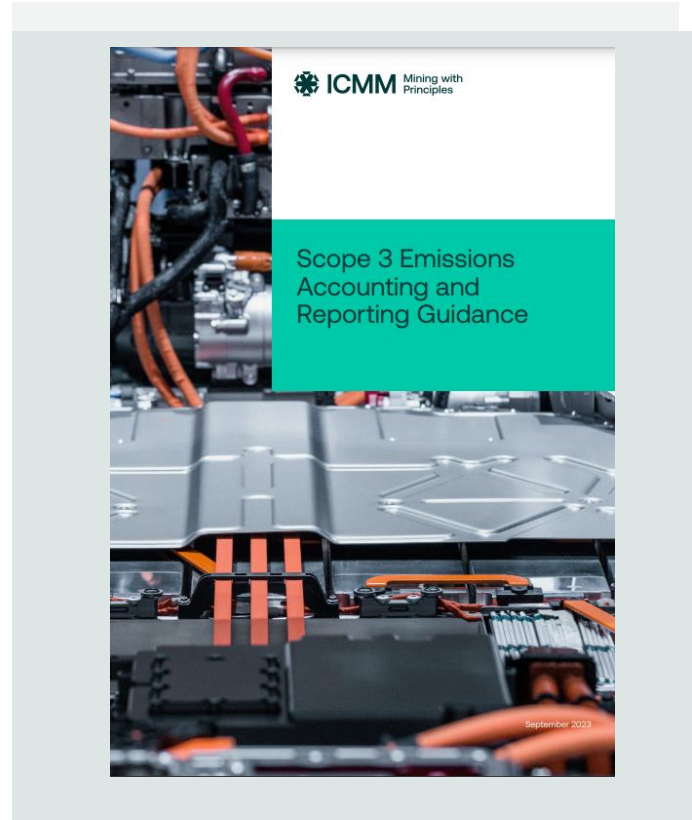
Scope 3 Accounting and Reporting Guidance



The original GHG Protocol* by WRI & WBCSD for Scopes 1, 2, 3



*Currently under update



Other sector-specific Scope 3 guidance



Existing ICMM member methodologies



Reporting Legislation and other voluntary frameworks and standards for disclosure of (Scope 3) emissions

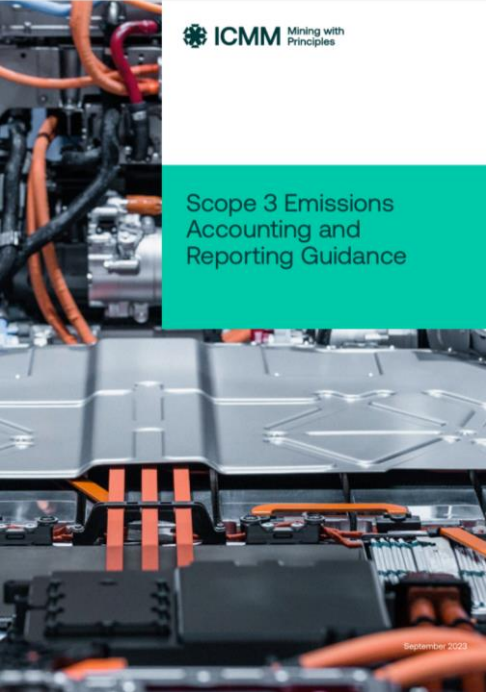


Scope 3 Emissions Target Setting Guidance



- Guidance to support mining and metals companies to set impactful short-, medium- and long-term targets for reducing their Scope 3 emissions.
- Principles tailored to the specific considerations of the mining and metals sector. It is drawn from current EU, US, UK, Canadian and Australian regulatory frameworks, as well as guidance from the United Nations’ High Level Expert Group on Net Zero Emissions Commitments of Non-State Entities.
- Robust framework for companies to enhance their targets as their capabilities mature over time across five key dimensions:
 - accounting and reporting
 - identification of emissions ‘hotspots’
 - business integration and alignment
 - assessment of decarbonisation pathways, and
 - organisational governance.

Reducing Scope 3 GHG Emissions





ICMM

Mining with
Principles

