



The Copper Mark Impact Monitoring and Evaluation System

v.-2; March-2021November 2024

Revision Date:	Publication Date:	Organization:
19th March 2024 <u>19th July 2024</u>	3rd May 2024 <u>21st November 2024</u>	The Copper Mark
Title:		Type:
The Copper Mark Impact Monitoring and Evaluation System		Public

Table of Contents

1 Introduction 3

2 Scope and Boundaries of the M&E System 4

3 Roles and Responsibilities 4

4 Defining the Intended Change 5

5 Performance Monitoring 6

6 Data Management 7

7 Outcome and Impact Evaluation 7

8 Improving the Effectiveness of the M&E System 7

9 Opportunities for Engagement 8

10 References 8

11 Annex I: List of Indicators 1

 Short-term Outcomes 1

 Long-term Outcomes 6

1 Introduction

The Copper Mark aims to promote responsible practices across the copper, molybdenum, nickel and zinc value chains. We work with companies and organisations throughout these metals' value chains to enable them to better understand and meet the increasing demands for independently verified responsible practices, and to contribute positively to sustainable development.

~~was designed to promote responsible production practices and demonstrate the copper industry's contribution to the United Nations SDGs.~~ The Copper Mark goes beyond compliance, and focuses on continuous improvement of responsible production. This vision of the Copper Mark is further defined through the Copper Mark Theory of Change (ToC).

The M&E system aims to identify the following points:

- W1. whether components of the scheme framework are working as intended (scheme effectiveness).
- W2. whether clients participants demonstrate improved practices and/or sustainability outcomes and impacts in alignment with the scheme's Copper Mark's objectives (client participant performance).
- O3. occurrence of unintended negative effects.
- W4. whether the scheme framework contributes to its intended sustainability outcomes and impacts (scheme sustainability performance).
- V5. validity of the scheme ToC's causal pathways and assumptions.
- W6. whether there are differences in scheme the framework's effectiveness, reach, outcomes, and impacts by gender and/or other groupings of special relevance to the scheme framework.

The information gathered and analyzed in the M&E System is used to meet provided has the the following objectives:

- Results of the M&E System inform Inform The Copper Mark leadership of whether components of the scheme are working as intended, and if not, opportunities to modify the organization's strategic goals to reach the desired impact.
- Results of the M&E System inform Inform The Copper Mark leadership of opportunities to improve organizational processes and implementation to achieve the strategic goals.
- Results of the M&E System inform Inform The Copper Mark leadership of potential negative impacts so that the organization can proactively prevent and mitigate them.

- ~~Results of the M&E System incentivize~~Incentivize participation in The Copper Mark, contributing to the critical industry mass necessary to achieve the intended impacts.
- Through transparency of the M&E System and its results, build external stakeholder recognition and credibility necessary to achieve the long-term objectives and intended impacts.
- ~~1. whether components of the scheme are working as intended (scheme effectiveness)~~
- ~~2. whether clients demonstrate improved practices and/or sustainability outcomes and impacts in alignment with the scheme's objectives (client performance)~~
- ~~3. occurrence of unintended negative effects~~
- ~~4. whether the scheme contributes to its intended sustainability outcomes and impacts (scheme sustainability performance)~~
- ~~5. validity of the scheme's causal pathways and assumptions~~
- ~~6. whether there are differences in scheme effectiveness, reach, outcomes, and impacts by gender and/or other groupings of special relevance to the scheme~~

In early stages of implementation and organizational development, the Copper Mark acknowledges that its M&E System will require time and experience to fully implement.

2 Scope and Boundaries of the M&E System

The M&E System monitors the short-term and long-term outcomes as well as the impacts in the copper industry as a result of the Copper Mark interventions. The M&E system monitors the impact of participants (Copper Producers) as well as the broader impact of the organization on the global supply chain. The M&E System takes a multi-faceted approach to gather, analyze, and report on impact:

- Program Indicators: related to the organization and including elements such as uptake, partnerships or grievances received
- Participant data: data gathering specific to the participants as they relate to the Copper Mark Criteria
- Case studies: specific examples of impact in the communities where participants operate
- Desk-based research: a combination of market, industry, and global studies that confirm or demonstrate both positive and negative impacts
- Commissioning studies and partnerships: independent third-party impact assessments that consider impact in communities where participants operate as well as the global context

3 Roles and Responsibilities

The [Director of Assurance and Impact Chief Operating Officer \(COO\)](#) is responsible for the day-to-day management of the M&E System. The [Director of Assurance and Impact COO](#) reports directly to the Executive Director. The Executive Director and the [Director of Assurance and Impact COO](#) consult with the Board of Directors and the Advisory Council on the results of the M&E System, implications for the organization’s strategic direction and implementation, and opportunities for improvement.

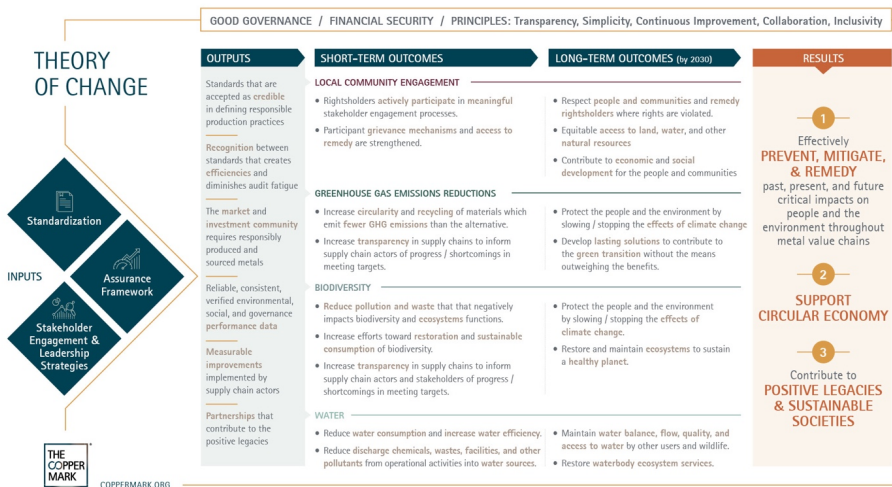
[The Director of Assurance and Impact The COO](#) liaises with staff, consultants, project leads and others who might have an indirect role in implementation.

In addition to staff, the Copper Mark will allocate budget to implementing the M&E System including:

- Community Membership with the ISEAL Alliance
- Developing the Copper Mark “[SDG Concept](#)” “[Value Chain Approach](#)”
- Partnerships, [research](#), and projects
- Publications and design related to transparency and reporting

4 Defining the Intended Change

Impact is defined as the positive and negative long-term effects resulting from the implementation of the Copper Mark Assurance Framework, either directly or indirectly, intended or unintended (from the ISEAL Impacts Code). [The Copper Mark Theory of Change](#) details the intended impact or change. The infographic is represented below.



5 Performance Monitoring

The Copper Mark ToC assumes that impact is achieved through a combination of direct and indirect actions of the organization. The short-term outcomes are measured by Copper Mark activity, and represent the direct impact of the organization. The long-term outcomes are measured by participant activity and represent the impact indirectly caused by The Copper Mark organization.

Both the data about the Copper Mark and the aggregated data of the Copper Mark [Assurance Framework](#) participants will be reported in the [annual](#) M&E report.

Data for the M&E system is collected through various methods including:

- Participant information for example production size and capacity
- Assessment reports
- Participant publicly available reports and statistics
- The Copper Mark Grievance Mechanism
- Engagement with sample participants and stakeholders for case studies
- External research on industry and market data, for example from the [International Copper Association metals associations](#), [Investor and NGO reports](#), surveys of investment [and end-user communities](#)

In the future, the Copper Mark plans to collect data through additional means such as:

- Increased participant-level public disclosures
- Projects currently underway to engage more closely with regional stakeholders
- Community-based digital platforms dedicated to measuring impact
- Commissioned studies, reports, and Copper Mark Impact Assessments

Where possible, the Copper Mark has identified indicators (see Annex I) to measure outputs, short-term outcomes and long-term outcomes that can be collected in-house. ~~As the long-term outcomes are driven by the UN Sustainable Development Goals, the Copper Mark has included reference to the specific goal in the indicators.~~

Gathering the data for each of the indicators and completing an effective analysis will take time. The Copper Mark has a multi-year plan to improve the M&E System. This includes:

- Beginning with indicators for which a baseline has already been established through existing data
- Beginning with indicators that are measurable, cost-effective, attainable and actionable.
- Collecting site-level data through a survey every 2 years

- Identifying, through the Copper Mark ~~Transparency Working Groupworking groups~~, additional data points that should be publicly disclosed by the site or through the summary assessment reports
- ~~Solidifying the requirements of the SDG concept that will provide additional data points for a select number of sites~~
- Working with partner organizations to increase the baseline data and updating the Copper Mark surveys accordingly
- Complement this data collection through the commissioning of external assessments and reports

Over time, the Copper Mark will identify ways to overcome the limitations identified for each indicator, for example through de-aggregation of indicators in baseline data (see for example GHG emissions).

In the ~~first early~~ phase of analysis, the Copper Mark will measure the data gathered against the baseline data. For the short-term outcome indicators, this is limited to measuring progress over time. For the long-term outcome indicators, this includes measuring: 1. Progress over time; and 2. Comparison of participants to the rest of the industry. The latter is necessary to link the activities of the Copper Mark to the intended impact.

6 Data Management

The Copper Mark currently has ~~a Privacy Notice and is in the process of developing a~~ data management policy and procedure ~~to govern the use of data with legal counsel~~. The Copper Mark's Grievance Mechanism utilizes a third-party platform with Privacy Policies and in particular rules governing anonymized grievances available [here](#).

7 Outcome and Impact Evaluation

The Copper Mark intends to utilize existing tools and commission studies and reports to evaluate impact. The current strategic plan anticipates this work to begin in ~~2023~~[2025](#).

8 Improving the Effectiveness of the M&E System

The Copper Mark is committed to improving and building upon the M&E System overtime. The Copper Mark is ~~applying for~~ Community Membership ~~with of~~ the ISEAL Alliance and seeks to align with the ~~relevant~~ ISEAL codes through the resources, training, and extensive knowledge of ISEAL and its members.

The Copper Mark will regularly review (at least every 3 years but more frequently as needed) and update the system. Reviews will include feedback received through partnerships and stakeholders, as well as learnings from the implementation of the Copper Mark Assurance Framework.

9 Opportunities for Engagement

The Copper Mark will solicit feedback during the revision processes of the M&E System. Interested stakeholders may also contact the Copper Mark at any time by sending an email to info@coppermark.org. Grievances about the Copper Mark or Copper Producers participating in the Copper Mark should be handled through the [Grievance Mechanism](#).

10 References

The Copper Mark is grateful for the opportunity to learn from similar organizations with significant experience in this space. The Copper Mark used as guidance and inspiration:

- [Aluminium Stewardship Initiative \(ASI\)](#)
- [Better Cotton Initiative \(BCI\)](#)
- [Fairtrade International](#)
- [Forest Stewardship Council \(FSC\)](#)
- [ISEAL Alliance](#)
- [RMF Mining and SDGs \(initial report and status updates\)](#)
- [Roundtable on Sustainable Palm Oil \(RSPO\)](#)

11 RevisionVersion History

Version Number	Purpose/Change	Author	Date
2	Align with the revised Theory of Change, to include: <ul style="list-style-type: none"> — Multi-metal coverage 1. Revised Copper Mark mission and vision 2. Multi-metal coverage 3. Inclusion of supply chain actors 4. Include critical issues in the copper industry 	Martin Howitt Hillary Amster	8th January 2024 9th July 2024



RESPONSIBLY
PRODUCED
COPPER

	Include elements of the ISEAL Alliance Consolidated Code.		
--	---	--	--



This is the second version.

4.1 Annex I: List of Indicators

Short-term Outcomes

This data is related to activities of the Copper Mark organization and other stakeholders. It represents the direct impact of the Copper Mark.

Critical Impact	Short-term Outcome	Indicators	Status	Baseline Data	Details	Data Gathering
Local Community Engagement	The market and investment community requires responsibly produced and sourced copper	Average frequency of meetings with rightsholders increases over time for Copper Mark participants.	Current	Copper industry public reports using GRI (and/or SASB)	1. Frequency increases. 2. Inclusion of government authorities in meetings.	Copper Mark Assurance Process data and public reports
	Local Community Engagement: Rightsholders actively participate in meaningful stakeholder engagement processes.	Proportion of MOUs in place out of total number of identified rightsholder groups increases.	Current	Copper industry public reports using GRI (and/or SASB)		Copper Mark Assurance Process data and public reports
	Participant grievance mechanisms and access to remedy are strengthened. The copper industry provides a responsibly produced raw material to enable the clean energy transition	Number of Copper Mark participants that are # and % of sites monitoring and evaluating their grievance mechanisms with input from stakeholders increases and adapting accordingly increases copper	Current	Copper industry public reports using GRI (and/or SASB) Copper industry public reports using GRI	1. Monitors and evaluates grievance mechanism effectiveness 4. — 2. Includes stakeholders	Copper Mark Assurance Process data and public reports

Commented [A1]: These two indicators came from Richard Kent but not are required to be publicly disclosed. I think we leave it here and in our next impacts report we can say the baseline data isn't always available but based on voluntary reporting we gathered XYZ

Commented [A2]: Same here - this came from the Impacts WG but data isn't required to be reported necessarily to this level of detail.

Commented [A3]: Hillary to research

	<u>Community Engagement:</u>				3. Adapt where necessary	
		% of grievances resolved through remedy increases.	Current	Copper industry public reports using GRI (and/or SASB) Copper industry public reports		Copper Mark Assurance Process data and public reports
<u>Greenhouse gas emissions reductions</u>	Greenhouse gas emissions reductions: Increase circularity and recycling of materials which emit fewer GHG emissions than the alternative.	# and % of sites reporting on circular economy.	Current	Copper industry data	1. Define and disclose targets for CE + 2. Define and disclosure progress toward CE targets	Copper Mark Assurance Process data and public reports
	70% of produced or recycled copper is from producers that are third-party assured as producing responsibly	# and % of sites reporting on recycled content	Current	Copper industry data	1. 1. Define and disclose recycling and recycled materials targets + 2. Define and disclose progress toward	Copper Mark Assurance Process data

					meeting targets	
	<p><u>Greenhouse gas emissions reductions: 30% of produced or recycled copper is from producers that are third-party assured to contribute to other SDGs.</u> Increase transparency in supply chains to inform supply chain actors of progress / shortcomings in meeting targets.</p>	<p># and % of sites with public information related to progress / shortcomings in meeting targets.</p>	Current	<p>Copper industry public reports using GRI (and/or SASB) Public reports</p>	<p>1. Define and disclose targets 2. Define and disclose progress</p>	<p>Copper Mark Assurance Process data and public reports Copper Mark Assurance Process data</p>
Biodiversity	<p>Rights-holders confirm that conditions improve for people, ecosystems and local economies. Biodiversity :-Reduce pollution and waste that negatively impacts biodiversity and ecosystems functions.</p>	<p># and % of sites demonstrating with public information that demonstrates a YoY reduction in quantity of each type of pollutant generated that may contribute to loss of biodiversity.</p>	Current	<p>Copper industry public reports using GRI (and/or SASB)</p>	<p>1. -Pollutants to air 2. Pollutants to water 3. Pollutants to soil 4. Heat, light, noise, vibrations These may include heavy metals, pesticides, solid waste) and other pollutants.</p>	<p>Copper Mark Assurance Process data and public reports</p>

	<u>Biodiversity: Increase efforts toward restoration and sustainable consumption of biodiversity.</u>	<u># and % of sites with public information that demonstrated demonstrating ecosystem conditions improve are improving. YoY over time.</u>	<u>Current</u>	<u>Copper industry public reports using GRI (and/or SASB)</u>		<u>Copper Mark Assurance Process data and public reports</u>
	<u>Biodiversity: Increase transparency in supply chains to inform supply chain actors and stakeholders of progress / shortcomings in meeting targets.</u>	<u># and % of sites with public information related to progress / shortcomings in meeting targets.</u>	<u>Current</u>	<u>Copper industry public reports using GRI (and/or SASB)</u>	<u>1. Policies or commitments to halt and reverse biodiversity loss 2. Goals and targets to halt and reverse biodiversity loss 3. Evaluation of progress toward meeting goals and targets</u>	<u>Copper Mark Assurance Process data and public reports</u>
<u>Water</u>	<u>Water: Reduce water consumption and increase water efficiency.</u>	<u># and % of sites with public information demonstrating a decrease in water consumption and an increase in water efficiency.</u>	<u>Current</u>	<u>Copper industry public reports using GRI</u>	<u>1. Total water consumption broken down by source 2. Total water consumption from all areas with water stress 3. Contextual information demonstrating efforts to</u>	<u>Copper Mark Assurance Process data and public reports</u>



					become water efficient	
	Water: Reduce discharge of chemicals, wastes, facilities, and other pollutants from operational activities into water sources.	# and % of sites with public information demonstrating a decrease in discharge of pollutants into water sources.	Current	Copper industry public reports using GRI	1. Total water discharge broken down by destination 2. Information from above regarding pollution	Copper Mark Assurance Process data and public reports

Long-term Outcomes

This data is related to the performance of participants in the Copper Mark. It represents the indirect impact of the Copper Mark.

Critical Impact	Long-term Outcome	Indicators	Status	Baseline Data Sources	Details	Data Gathering
Local community engagement	<u>Respect people and communities related to metal supply chains (respect rightsholders), and remedy rightsholders where rights are violated.</u> By 2030, the Copper Industry substantially reduces pollution in all forms	Rightsholders confirm that conditions improve for people, ecosystems, and the local environment.	Current	Third-party verification and case studies	Limited to case studies in certain jurisdictions / parts of the supply chain / participants as available.	Third-party verification and case studies
	<u>Equitable access to land, water, and other natural resources</u> By 2030, the Copper Industry substantially increases water efficiency					
	<u>Contribute to economic and social development for the people and communities related to covered metal</u>					

	<p><u>supply chains, measured through opportunities for sustainable, inclusive, decent livelihoods.</u></p> <p>By 2030, the Copper Industry substantially reduces GHG emissions and energy consumption contributing to climate action</p>					
<u>Greenhouse gas emissions reductions</u>	<p><u>Protect the people and the environment by slowing / stopping the effects of climate change. Note this is a long-term goal for both greenhouse gas reduction and biodiversity. By 2030, the Copper Industry substantially increases conservation, preservation and restoration of life on land and the ecosystem</u></p>	<p>Those using the Copper Mark are progressing toward reducing emissions and meeting the Paris agreement.</p>	Current	<p><u>PCopper industry public reports using GRI (and/or SASB) Copper industry public reports</u></p>	<p>4- 1. Targets are reasonable to meet Paris agreement</p> <p>2- 2. Progress is such in 2030 that one can reasonably assume the targets will be met</p>	<p><u>Copper Mark Assurance Process data and public reports</u> <u>Copper Mark Assurance Process</u></p>
		<p>By 2035, 50% of the covered materials produced is by sites that are assured as on track to reduce</p>	Current	<p>Assurance Process Data beginning 2020</p>		<p><u>Copper Mark Assurance Process data and public reports</u> <u>Participation data</u></p>

	Developing lasting solutions to contribute to the green transition without the means outweighing the benefits.	emissions and meet the goals of the Paris agreement.				
Biodiversity	Protect the people and the environment by slowing / stopping the effects of climate change. Note this is a long-term goal for both greenhouse gas reduction and biodiversity	Increase in # of participants / % of the industry# and % of sites that publicly disclose a climate action strategy.	Current	Copper industry public reports using GRI (and/or SASB)Public reports	Including adaptation and resilience.	Copper Mark Assurance Process data and public reportsCopper Mark Assurance Process
		By 2035, 50% of the copper produced comes from sites that are assessed as on track for meeting no net-loss with an ambition for net gain.	Current	Assurance Process Data beginning 2020		Copper Mark Assurance Process data and public reports Participation data
	Restore and maintain ecosystems to sustain a healthy planet.	Increase in # of participants / % of the industry that# and % of sites that publicly disclose are progressing on biodiversity restoration activities.	Current	Copper industry public reports using GRI (and/or SASB)Public reports		Copper Mark Assurance Process data and public reportsCopper Mark Assurance Process

<u>Water</u>	<u>Maintain water balance, flow, quality, and access to water by other users and wildlife.</u>	By 2035, 50% of the copper produced, recycled, and sourced comes from sites that avoid, minimize, rectify, and compensate for adverse impacts from operational activities on water balance, flow, quality and access, and the needs of other water users and wildlife	<u>Current</u>	<u>Copper industry public reports using GRI (and/or SASB)</u>	<u>Copper Mark Assurance Process data and public reports</u>
	<u>Restore waterbody ecosystem services.</u>	By 2035, 50% of the copper produced, recycled, and sourced comes from sites that avoid, minimize, rectify, and compensate for adverse impacts from operational activities on water balance, flow, quality and access, and the needs of other water users and wildlife	<u>Current</u>	<u>Copper industry public reports using GRI (and/or SASB)</u>	<u>Copper Mark Assurance Process data and public reports</u>

