

Item 04 – GRI Sector Standards Project for Oil, Gas, and Coal - Draft Basis for Conclusions for GRI 12: official position Coal Sector 2022

For GSSB review

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Meeting	10 February 2022
Project	Sector Standard Project for Coal
Description	This document summarizes the significant issues from comments received on the exposure draft of the Coal Sector Standard, during the public comment period from 19 May to 30 July 2021. It also outlines the draft GSSB responses to the significant issues based on Working Group discussions and recommendations.
	As outlined in the Due Process Protocol, this document is not subject to GSSB approval, it does not constitute part of the final Standard, and is non-authoritative. The draft is circulated for review and feedback. This draft document will be updated, as needed, following the GSSB approval of <i>GRI 12: Coal Sector 2022</i> .
	The full set of comments can be downloaded from the project page on the GSSB website.

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About this document

- This document summarizes the significant issues from comments received on the exposure draft of 1
- 2 the Coal Sector Standard during the public comment period (PCP) from 19 May 2021 to 31 July 2021.
- 3 Contents of this document comprise feedback received through the formal public comment form on the GSSB website and, where relevant, comments made in stakeholder workshops during the PCP. 4
- 5 All significant comments, together with an analysis of the issues raised, were considered by members
- 6 of the Oil, Gas, and Coal Working Group. The recommendations of the working group were shared
- 7 with the Global Sustainability Standards Board (GSSB) for review and approval.
- 8 This document provides a summary of the GSSB responses to the significant issues raised during the osition of the public comment period. 9
- The full set of received comments can be downloaded from the project page. 10
- 11 GRI 12: Coal Sector 2022 can be downloaded [here].

Introduction 12

Objectives for the development of GRI 12: Coal Sector 2022 13

- The GSSB initiated the GRI Sector Program in 2018 to develop standards that are specific to certain 14
- sectors and focus sustainability reporting on the impacts that matter most. The project proposal for 15
- Oil, Gas, and Coal, was approved in March 2020 by the Global Sustainability Standards Board 16
- (GSSB), GRI's independent standard setting body, 17
- 18 The working group for Oil, Gas, and Coal was formed in June 2019, in accordance with the GSSB 19 Due Process Protocol.
- 20 The project's primary objective was to develop a Sector Standard that identifies and describes the Oil,
- Gas, and Coal sectors' significant impacts and stakeholder expectations from a sustainable 21
- 22 development perspective and provide evidence and authoritative references for these impacts. In
- 23 addition, disclosure gaps not sufficiently covered by existing GRI Standards were identified and
- additional sector reporting that supplements GRI disclosures have been developed for information 24 25 essential to understanding the sector's impacts.
- 26 The working group had the mandate to recommend changes to the project scope. Following
- 27 feedback, the working group recommended separating oil and gas from coal, which the GSSB 28 approved in April 2020. GRI 11: Oil and Gas 2021 was published in October 2021.
- 29 GRI 12: Coal Sector 2022 was developed in line with the GSSB Due Process Protocol.
- 30 GRI 12 was approved by the GSSB on [XXX] and released on [XXX].

Scope of the public comment 31

- 32 The public comment period for the GRI Coal Sector Standard exposure draft ran from 19 May to 30 33 July 2021.
- 34 Respondents were asked to provide input on whether the draft Standard covered the most significant
- 35 impacts of the coal sector and if the proposed disclosures allowed for meaningful reporting on these 36 impacts.
- 37 A range of outreach activities were carried out to raise awareness of the public consultation, including
- campaigns, webinars, and one-on-one sessions, targeting key regions and constituencies. Three 38
- 39 webinars were aimed at global audiences, each catering to different time zones ranging from the
- 40 Pacific coast of North America to Europe, Africa, Asia, and Oceania. Targeted sessions were also



focused on relevant regions to coal mining in China, India, Indonesia, Latin America, and South
 Africa. The webinars attracted approximately 220 participants.

Though not regarded as official submissions, comments collected during live consultations were also considered in cases where they aided in understanding or further expanded on official submissions or

45 raised a significant issue that did not emerge from the official submissions.

46 Any comments outside the scope of development of *GRI 12* will be compiled and directed to the

47 appropriate team or project for consideration. The development of Sector Standards also feeds into

the enhancement and expansion of the GRI Standards by surfacing issues not previously covered.
 Feedback on Topic Standards [link to be added] has been collated separately for consideration by the

50 GSSB.

51 **Overview of submissions**

- 52 Respondents were able to submit comments on the exposure draft using an online questionnaire,
- 53 which was available on the coal project page (see <u>Appendix 1</u> for the full list of questions).
- 54 Respondents could also submit additional feedback via email to <u>sector@globalreporting.org</u>.
- 55 A total of 29 submissions were received from individuals and organizations on the exposure draft.
- 56 Four additional submissions were received but not accompanied by permission to make them public

as required by the GSSB Due Process Protocol. These submissions were considered, along with the

- 58 feedback gathered during the stakeholder engagement activities.
- 59 The submissions came from all five stakeholder constituencies represented by the GSSB: business 60 enterprises, civil society organizations, investment institutions, labor, and mediating institutions.
- 61 For more detail, see:

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- The full set of received comments, available to download from the <u>coal project page</u>.
- Appendix 2 for a breakdown of public comment submissions by representation, stakeholder constituency, and region.

65 Methodology for analyzing comments

- 66 All comments submitted by respondents were collated and analyzed by the GRI Standards Division.
- 67 Each comment was categorized according to its relevance to a likely material topic, section,
- disclosure, or cross-cutting theme. When a respondent raised several different points in one
 comment, the points were separated into distinct comments.
- 70 The qualifiers in Table 1 indicate the percentage of respondents who provided feedback on
- a significant issue. Because the survey asked mostly open questions to encourage respondents to
- 72 provide feedback on sections of interest to themselves, not all respondents provided comments on all
- r3 sections of the exposure draft. Consequently, most comments made to specific topics or disclosures
- 74 presented below as significant issues were made by a single respondent.

75 Table 1. Qualifiers indicating the percentage of respondents who provided feedback

Qualifier	Respondents
Majority	> 50 %
Many	30-50%
Some	10-30%
A few	< 10 %
One	1



76 Significant issues and GSSB

77 responses

78 In line with the GSSB Due Process Protocol, this section summarizes the significant issues raised by

respondents during the public comment period, outlines proposed changes to the Coal Sector

- 80 Standard exposure draft, and explains why changes suggested by respondents were or were not
- 81 accepted by the GSSB.

82 Notes for the reader:

- 83 Only topics for which significant issues were identified have been included in this document. It
- 84 includes references to the exposure draft of the Coal Sector Standard and the final version of GRI 12:
- 85 Coal Sector 2021. When referring to the content in the exposure draft, the same names of the
- 86 sections and topics are used.
- 87 Feedback relating to the general concept or format of the Sector Standards, the GRI Topic Standards,
- and the GRI Glossary is not included in this document unless necessary to understand other
- 89 comments or proposed changes. Nor does the document include minor editorial comments, which
- 90 were considered and implemented directly by the Standards Division.

91 Cross-cutting issues

- 92 a) List of likely material topics for the coal sector
- 93 The majority of respondents confirmed that the exposure draft was representative of the coal sector's
- most significant impacts, and business organizations considered it useful for identifying topics likely to
 be material for them.
- No clear objections were raised to any topic included in the exposure draft as likely to be material for
 the sector as a whole, but a few respondents indicated that some topics were not considered material
 to organizations in their geographical context. Examples of such topics include child labor, forced
- labor, and modern slavery. In addition, a couple of Chinese coal organizations suggested that climatechange would not be material for them.
- 101 Individual respondents suggested including the following additional topics as likely to be material:
- 102 Corporate governance
- 103 Land or mine rehabilitation
 - Product stewardship
 - Supplier management
 - Technology and innovation

107 GSSB response:

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- 108 *GRI 12* includes topics likely to be material for most organizations in the coal sector based on the sector's impacts. Some topics, such as topic 12.1 GHG emissions and 12.2 Climate adaptation.
- resilience, and transition, are considered relevant on the basis of the sector's contribution to a global
- issue of climate change, while others may be more contingent on the unique context of each
- organization. For example, child or forced labor is well regulated in many areas, and while there is
- evidence of such human rights violations taking place in the coal supply chain in several countries,
- the materiality of the topic may be subject to the location of the organization's operations. If a topic
- included as likely material in a Sector Standard is not material for an organization, it does not need to report on it. See Requirement 6 in *GRI 1: Foundation 2021* for more information on reasons for
- 117 omission.
- 118 The additional topics suggested were considered to be sufficiently covered by existing reporting or 119 were not likely to be material for most organizations in the coal sector.
- 120 Corporate governance related information is required to report *GRI 2: General Disclosures 2021*.
- 121 Land or mine rehabilitation' is included in topic 12.3 Closure and rehabilitation.



- 122 Information on technology and innovation and supplier management should be reported as part of any
- 123 material topic they are relevant to (for example, water efficiency innovations can be reported in the context of topic 12.7 Water and effluents). 124
- 125 Product stewardship efforts can be reported using GRI 416: Customer Health and Safety 2016, which
- addresses 'an organization's systematic efforts to address health and safety across the life cycle of a 126
- product or service' if material to an individual company. 127
- 128

129 b) Reporting burden

- 130 A few respondents raised concerns over reporting burden posed by the number of likely material
- topics, which might be a barrier, especially for small and medium-sized companies. It was suggested 131
- that some topics be eliminated or prioritized based on location, regulatory requirements, type of 132
- 133 mining, size of company, or other key qualifiers.

134 **GSSB** response:

- 135 The GRI Sector Standard for coal is intended for organizations of all sizes undertaking activities listed
- in the section "Sector activities and business relationships". The likely material topics are likewise 136
- 137 intended to cover the sector's significant impacts as a whole. While organizations might determine all
- 138 listed likely material topics as material for them or even report additional topics as needed, if small
- 139 organizations' significant impacts are fewer, they may report on fewer topics. Similarly, should the
- 140 organization determine a topic as material, but one or more of the listed disclosures are not relevant
- 141 to the organization's impacts, the organization is not required to report these.

142 c) Positive/negative bias

The majority of respondents agreed that the draft Standard provides a balanced view of the 143

- sustainable development challenges faced by the coal sector. There were two notable exceptions: 144
- 145 one representative from a mediating institution felt strongly that the draft Standard does not place
- enough emphasis on the sector's negative impacts, enabling greenwashing. On the opposite end, one 146
- 147 business representative voiced a view that the Standard portrays a strong negative bias towards the
- 148 sector, focusing too much on climate change and failing to emphasize the value brought by the 149 sector's products.

150 **GSSB** response:

- A Sector Standard outlines the significant impacts of a given sector, which can be negative or 151
- positive. GRI 12 aims to balance the context and information needs of stakeholders of coal 152
- 153 organizations in different contexts. For example, the coal phase-out may have different timelines in
- 154 different parts of the world – with many developing countries continuing to use coal longer than
- developed countries. For organizations in countries that are well underway in their transition, the 155
- 156 reporting may focus on aspects such as closure and just transition. For other coal organizations in
- 157 countries planning to achieve net zero later, reporting on the impacts of day-to-day operations might be most relevant. 158
- 159 In relation to the focus on climate change, the role of coal in causing climate change is well
- understood and scientifically proven. Leading bodies such as the Intergovernmental Panel on Climate 160
- 161 Change (IPCC) and International Energy Agency (IEA) call for a rapid end to coal use to maintain a
- narrow possibility to halt global warming to 1.5°C.1 Furthermore, close to 200 countries have 162
- 163 committed to phase-down coal use in power generation.² The focus on this aspect in the sustainability
- 164 context is thus considered reflective of the current environment and critical for the dialogue of
- 165 reporting organizations and information users.
- The comments on positive bias are related to a section mentioning the sector's contribution to jobs, 166 167 growth, and energy independence, which are also relevant impacts for the sector. However, as the

² United Nations Framework Convention on Climate Change (UNFCCC), Glasgow Climate Pact, 2021.



¹ Intergovernmental Panel on Climate Change (IPCC), Climate Change 2021: The Physical Science Basis, 2021; International Energy Agency (IEA), Phasing out unabated coal, 2021.

168 coal phase-down continues, the ability of the coal sector to contribute to the Sustainable Development
 169 Goals may become more limited, which is now reflected in the text.

170 d) Scope of the Standard and business relationships

171 Scope of the Standard received wide approval. While commentary about the coal sector's similarities

- with mining was received, coal's unique role with respect to climate change was also acknowledged,justifying a self-standing Standard.
- 174 One business representative contested the inclusion of metallurgical coal in this Standard, suggesting
- it was too focused on thermal coal. According to the respondent, the sustainability context and
- 176 material topics relevant to thermal coal production used primarily for power generation differ from 177 those relevant to metallurgical coal production used for steel manufacturing.
- 178 One submission proposed adding coal washery and coal bed methane as part of sector activities.
- 179 The majority of respondents agreed that the business relationships singled out in the exposure draft
- 180 were the most relevant ones for the sector to identify significant impacts. Some new proposals to
- 181 include in the section included local governments and financiers providing loans to coal-related
- 182 projects.

183 **GSSB response**:

- 184 Impacts associated with thermal and metallurgical coal are only distinct in the end-use of these
- 185 projects. The use of metallurgical coal or coking coal, primarily for steel production, has been added
- to the sector profile and topic 12.1 GHG emissions. The steel sector accounts for approximately 20%
- 187 of industrial energy use and almost 10% of total energy use, of which 75% comes from coal. The steel
- 188 sector is among the largest producers of carbon dioxide³ and is actively looking for technologies to
- 189 replace coal in their processes to decrease or eliminate emissions. Hence, reporting on emissions 190 and transition to a low-carbon economy is highly relevant for metallurgical coal miners.
- 191 Washing coal is part of the processing phase, already included in the Standard (Crushing, cleaning, 192 and processing coal from unwanted materials). On the other hand, coal bed methane recovery is an
- unconventional gas extraction method mostly associated with organizations in the oil and gas sector
- and thus out of scope for *GRI 12*.
- 195 Using the GRI Standards, an organization should consider the impacts of its own activities as well as
- those of its business relationships when identifying its impacts and determining its material topics to
- report. While local governments or capital providers are important business relationships for the coal
- 198 sector, they are not likely to link coal organizations to additional negative impacts. The approach to 199 engagement with any business relationship that is of particular importance to an organization can be
- engagement with any business relationship that is of particular importance to an organization can be described in the context of Disclosure 2-29 Approach to stakeholder engagement in *GRI 2: General*
- 201 Disclosures 2021.

202 e) Sustainability context

- 203 One respondent proposed to highlight common economic problems associated with resource wealth, 204 also known as the resource curse, and call out practices such as corruption and mismanagement in 205 the sector. Other individuals suggested adding emphasis on air pollution and its impacts on 206 communities, as well as discussing carbon tax and carbon trading.
- 207 The majority of respondents confirmed that the mapping of likely material topics to the UN
- 208 Sustainable Development Goals (SDGs) helps contextualize the sector's activities in light of the global
- 209 sustainability agenda. A few companies found it hard to relate to some of the goals, and one
- 210 respondent believed the essence of the coal sector is opposed to the SDGs. Specific feedback was
- given to a number of SDG linkages, including SDG Goal 8: Decent Work and Economic Growth,
- 212 namely, that underground mining is not decent work.

³ International Energy Agency (IEA), <u>Iron and Steel Technology Roadmap</u>, 2020, accessed 20 December 2021; McKinsey & Company, <u>Decarbonization challenge for steel</u>, 2020, accessed 20 December 2021.



213 **GSSB response**:

Negative economic impacts associated with the 'resource curse' as well as mismanagement and corruption are relevant contextual issues for the coal sector, and discussions about these have subsequently been included in the section.

217 Air pollution is a major impact related to coal combustion, separate from climate change but not

unrelated. Thus, the section acknowledges that mitigation of GHG emissions associated with coal use
 would simultaneously reduce air pollution. More discussion about air pollution and its impacts on
 communities has been included in the topic 12.4 Air emissions.

- 221 Carbon pricing has been included as one of the policy tools to curb GHG emissions, alongside air 222 pollution regulation and restrictions on public financing and subsidies for coal.
- The following are changes made to the mapping of the Sustainable Development Goals to the likely material topics in *GRI 12*:
 - Wording added on managing the sector's workplace hazards (especially in underground mining) being a prerequisite for positive contributions towards SDG 8: Decent Work and Economic Growth
- Link from topic 12.3 Climate adaptation, resilience, and transition removed to SDG 9:
 Industry, Innovation and Infrastructure, as there is insufficient evidence of the sector's contributions to widespread innovation that would provide solutions that address the challenge of climate change
- Links from topics 12.3 Closure and rehabilitation and 12.4 Air emissions added to SDG 12:
 Responsible Consumption and Production due to their links to sustainable management and efficient use of natural resources and management of wastes.
- Link from topic 12.22 Public policy to SDG 13: Climate Action added based on the sector's influence of public policy on climate change mitigation.

237 Just transition

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The concept 'just transition' was not well understood, warranting clarification. A few comments were made about considering the differing socioeconomic impacts, challenges, and timelines of the low-

240 carbon transition between developing and developed countries.

241 **GSSB response**:

242 The term 'just transition' has a history spanning over 30 years, and different actors in differing 243 contexts use it. This includes trade organizations to safeguard industry jobs lost as a result of 244 environmental protection policies, as well as the environmental justice movement advocating for the 245 eradication of polluting industries to provide safe work and living environments for communities. GRI 12 draws on the definition of the term as used in the Paris Agreement and by the International Labor 246 Organization, which aims to consider environmental, social, and economic angles holistically and to 247 find solutions that benefit all and leave no one behind, in collaboration with governments, employers, 248 employees, and communities.⁴ The passage explaining just transition has been clarified accordingly, 249 and the concept has been integrated into relevant topics, such as those dealing with mine closure, 250 251 employment practices and worker rights, economic impacts on communities, and contract

252 transparency.

The section 'The sector and sustainable development' was updated to highlight the individual
 dependencies and national circumstances related to the low-carbon transition, acknowledging that the
 transition timeline will differ between developing and developed countries.

Issues related to likely material topics

257 f) GHG emissions

Some respondents expressed concerns about coal organizations being asked to report other indirect (Scope 3) GHG emissions from the use of sold products, as these emissions are not considered to be

⁴ United Nations Framework Convention on Climate Change (UNFCCC), *Paris Agreement*, 2015; International Labour Organization (ILO), *ILO Guidelines for a just transition towards environmentally sustainable economies and societies for all*, 2015.



260 within the organization's control. It was suggested that mitigating Scope 3 emissions should involve 261 efforts from organizations along the entire value chain or that they are solely the responsibility of the

- customers using coal, such as organizations in electricity generation or steel production. On the other
- 263 hand, many stakeholders engaged through events were pleased to see the inclusion of Scope 3
- 264 emissions reporting, and one respondent called for more emphasis on these emissions in the topic
- description. Accuracy, availability, and inconsistency of data were raised as potential issues, with a
- 266 few calls to provide more guidance and a methodology for Scope 3 accounting.

267 GSSB response:

- 268 Scope 3 emissions from the coal sector represent the single largest source of global CO₂ emissions,
- and the expectation to report on them is becoming increasingly mainstream. Data availability and
- accuracy can be a challenge, which requires engagement with business partners to acquire reliable
- information. Disclosure 305-3 Other indirect (Scope 3) GHG emissions contains guidance on
- disclosing Scope 3 emissions and links to further resources, as do the resources listed in *GRI 12*.
- 273 Reporting on Scope 3 emissions has been retained.

the

274 g) Climate adaptation and resilience⁵

Topic 12.2 Climate adaptation, resilience, and transition was the most commented topic. The majority of business constituency respondents confirmed that the disclosure expectations corresponded to their current or expected reporting on climate change. Respondents categorized as information users were almost unanimous in agreeing that the reporting included in the exposure draft reflected

279 expectations of public disclosure by coal organizations on climate change related impacts.

Many respondents gave feedback on the additional sector disclosures, such as concerns over confidentiality and challenges to disaggregate CapEx investment data, or difficulties in accounting on reserves and potential emissions. It was also suggested to add more disclosures, including information on transition plans; whether organizations are committed to sustainable product portfolios or if they plan to expand coal mining operations; and disclosure on divesting coal assets, which was identified as an increasingly common practice among multinational mining companies. It was also proposed to supplement the disclosure of potential emissions from reserves with information on the

286 proposed to supplement the disclosure of potential en287 ownership structure of those reserves.

288 GSSB response:

The forward-looking metrics on CapEx and potential emissions from reserves have been maintained. Despite possible challenges, this information is considered essential to understanding the resilience of a coal organization's business model to climate-change related risks. In cases where information is subject to confidential constraints, an organization may provide a reason for omission. Requirement 6

in *GRI 1: Foundation 2021* contains more information on reasons for omission. The Coal Sector
 Standard includes references to guidance on calculating and reporting potential emissions from
 reserves.

Transition planning has emerged as an expectation for organizations in GHG emissions-intensive sectors. The existing additional sector recommendations in topic 12.2 Climate adaptation, resilience, and transition cover the elements of a 'transition plan',⁶ and supplemental information and resources were added to explain the concept of transition planning. An additional sector recommendation was also included to report on the existence of a transition plan and whether it is a scheduled resolution item at Annual General Meetings. This disclosure aligns with the CDP 2021 questionnaire for coal producers.

To respond to information needs about coal organizations' commitments to sustainable product portfolios or whether they intend to continue coal mining, the reporting section to report CapEx

⁶ As outlined in Task Force on Climate-Related Financial Disclosure (TCFD), *Guidance on Climate-related Metrics, Targets, and Transition Plans*, 2021.



⁵ The name of the topic has been revised in *GRI 12* to 'Climate adaptation, resilience, and transition'.

305 investments was supplemented with an extra point to solicit information about investments channeled 306 into the expansion of current mines.⁷

307 Organizations divesting their coal assets to reduce the GHG emissions intensity of their product 308 portfolios is an important emerging issue. This can be detrimental to broader climate change mitigation efforts: shifting coal mining operations to another entity does not decrease global 309 emissions. It can also compromise responsible closure and a just transition if the responsibility of 310 eventual closure is transferred to a less experienced operator. In addition, many diversified mining 311 312 organizations divesting from coal are historically large contributors to climate change and thus have a significant responsibility to solve the problem.⁸ Discussion on potential impacts has been included in 313 314 the topic, accompanied by reporting recommendations. This additional reporting asks whether the 315 organization's commitments to responsible business conduct were considered when making the 316 divestment and whether and how the organization ensures that eventual closure is conducted 317 responsibly and following existing plans, addressing negative impacts on workers and communities. 318 While the reporting organization does not cause negative impacts that arise from actions of the new operator, the organization may be considered as contributing or being directly linked to those impacts 319 with the responsibility to take due diligence steps, including exercising leverage over the buyer to 320 321 prevent or mitigate the impacts it is causing or contributing to.

322 The GRI Coal Sector Standard exposure draft included a disclosure in reporting potential emissions 323 from the organization's proven and probable reserves. After alignment with GRI 11, the disclosure 324 specifies that an organization should use the same definition of reserves as in the organization's 325 consolidated financial statements or equivalent documents. However, the concern was that this 326 approach might leave a gap in reporting, as reporting reserves through ownership structures 327 presented in financial reporting may be limited to where companies maintain financial control. 328 Reporting potential emissions is an emerging field with few established or normative methodologies, 329 and no fossil fuel organizations are currently reporting on this. Some specialist organizations use the equity share approach as the organizational boundary for calculating potential emissions from 330 331 reserves, reflecting an organization's economic interest, which typically aligns with the company's

percentage ownership of that operation.⁹ The equity share approach is also mostly aligned with

financial reporting. Thus, disclosure included in the exposure draft remains unchanged.

334 h) Closure and rehabilitation

Topic 12.3 Closure and rehabilitation was among the most commented on topics. The worker aspect of closure was considered adequately covered by the disclosures in the exposure draft.

- 337 Some respondents called for reinforced disclosures on impacts on and engagement with
- communities, specifically related to longer-term impacts on post-mining communities and efforts
 towards establishing a sustainable post-mining economy.

The additional sector disclosure to report the organization's financial provisions for closure and rehabilitation received broad support but was highlighted by a business respondent as a potential point of contention with communities and other local stakeholders.

Individual respondents requested to add reporting, including on commitments to the rehabilitation of
 mining sites; details on plans, policies, and strategies for environmental rehabilitation; and
 compensation for communities from health effects or environmental liabilities.

- 346 **GSSB response**:
- From a local community perspective, a successful closure and rehabilitation can be achieved through early communication and inclusive planning.¹⁰ As part of the disclosure requirements of Disclosure 3-

⁹ World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD), *GHG Protocol Corporate Accounting and Reporting Standard, Revised Edition*, 2004.

¹⁰ United Nations Development Programme (UNDP), *Extracting Good Practices*, 2018.



⁷ Other data points under this recommendation include CapEx investments into prospection, exploration, acquisition, and development of new reserves; energy from renewable sources; technologies to remove CO₂ from the atmosphere and nature-based solutions to mitigate climate change; and research and development initiatives that can address the organization's risks related to climate change.

⁸ UN Human Rights, <u>A Safe Climate</u>, 2019.

- 349 3 Management of material topics, organizations are required to report how stakeholder engagement
- 350 informed actions taken to manage the topic. However, due to the importance of the engagement
- 351 process in limiting the negative impacts of mine closure, it is appropriate to add a recommendation to
- 352 elaborate on how local communities were engaged on closure and post-closure planning and
- 353 implementation, including post-mining land use.

Additionally, as monitoring of the environmental, social, and human rights impacts is considered a key element of responsible post-closure activities,¹¹ the additional sector disclosure included in the exposure draft was amended to encompass both environmental and socioeconomic aspects when reporting the financial provisions for closure and rehabilitation.

- 358 Finally, the post-closure viability of communities is an increasingly topical issue for coal mining. For
- example, actions for coal organizations range from collaboration with affected communities and local
 governments to develop post-closure socioeconomic financial assurance mechanisms to publicly
- disclosing financial surety arrangements for socioeconomic impacts from closure. To highlight the
- issue, a new sector disclosure to report information on non-financial provisions to manage the local
- 363 community's social and economic transition to a post-mining economy was included.
- Commitments, policies, and plans for rehabilitation are covered by Disclosure 3-3, which requires reporting policies or commitments and management actions taken.
- 366 Concerns related to the public disclosure of financial provisions could potentially lead to unsolicited
- 367 questions or conflict over disbursement or gaining access to the funds. However, transparency over

368 funds to cover costs of mine closure by coal mining organizations is seen as essential, ensuring

- 369 meaningful engagement with stakeholders. Therefore, the additional sector disclosure was retained in
- the topic.

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371 *i) Air emissions*

One respondent suggested adding a mention of the financial impact of air pollution on local and
 regional governments. Other feedback on the topic was mostly related to the value, clarity, and
 feasibility of the proposed additional sector recommendations, including:

- A few mentioned challenges to report particulate matter (PM) emissions separately from coal dust, as they are fugitive emissions and often not regulated, and thus outside the definition of "significant air emissions" as per *GRI 305 Emissions 2016*;
 - One commented that carbon monoxide (CO) emissions are currently not collected and would add to the reporting burden; and
 - A few found reporting on product quality improvements unclear.
- Individual respondents further requested to add reporting on emissions reporting requirements
 submitted regularly to authorities and to report the number of incidents of non-compliance or
 infractions resulting in fines

384 **GSSB response:**

Air pollution has wide-ranging global and local economic impacts, which stem from, for example, premature mortality, illness, and healthcare costs, lost working days, and reduced crop yields.¹² To reflect this, a mention of the financial dimension of air pollution was subsequently added to the topic description.

Particulate matter (PM) coal dust emissions are typically fugitive emissions, occur mainly through
blasting and earth moving in surface mining, and can be significant unless mitigated by dust
suppression technologies. Other locally significant dust emissions can occur from coal transport and
storage, for which mitigation solutions exist.¹³ As such, the disclosure listed in the exposure draft to
report the total amount of PM emissions from coal dust would likely not add value to reporting, as
fugitive emissions are usually estimated and can have more severe impacts depending on the

¹³ International Energy Agency (IEA), World Energy Outlook Special Report: Energy and Air Pollution, 2016.



¹¹ See, for example, ibid; International Council on Mining and Metals, *Closure Maturity Framework*, 2020.

¹² The World Bank, *The Cost of Air Pollution*, 2016; Ogranisation for Economic Co-operation and Development (OECD), *The Economic Consequences of Outdoor Air Pollution*, 2016.

proximity to the release. Instead, the disclosure was revised to trigger descriptive information on dust
 suppression that can prevent or mitigate potential negative impacts on local communities and
 workers. It is an additional recommendation when reporting on the management of the topic.

398 For CO emissions, the most significant impacts of this highly toxic gas occur when workers are exposed to it in confined spaces (e.g., as a result of a fire in an underground mine), potentially leading 399 to serious consequences, including fatalities.¹⁴ Accordingly, reporting on CO is most relevant in 400 Topics 12.13 Asset integrity and critical incident management and 12.14 Occupational health and 401 402 safety. In topic 12.13, mine fires and poisonous gas leaks are listed as relevant hazards in the topic 403 description, and prevention of such incidents should be reported. Fires and explosions are likewise 404 mentioned in the topic description for 12.14, with the potential to cause high-consequence work-405 related injuries. Reporting on the management of such worker hazards and their impacts falls under 406 several disclosures in GRI 403: Occupational Health and Safety 2018. In addition, in regions where 407 CO is a regulated substance, organizations are required to measure and report those emissions, as 408 per the requirements in Disclosure GRI 305-7.¹⁵ As such, the additional sector disclosure to report carbon monoxide emissions has been removed from the topic 12.4 Air emissions. 409

- A disclosure on product quality improvements to reduce air emissions was included in the exposure
 draft as an additional sector recommendation to GRI Disclosure 416-1 Assessment of the health and
 safety impacts of product and service categories. This was done on the basis that coal washing can
- 413 have a mitigating impact on the pollutants that are emitted upon combustion.¹⁶ However, it was
- 414 assessed that Disclosure 416-1 might not generate meaningful information, but the recommendation
- 415 remained important. Disclosure 416-1 was removed from topic 12.4. Instead, to clarify the link
- between coal quality and emissions, the topic description was amended to note that coal washing is a
- 417 method to reduce air emissions in the use phase. The language was clarified and placed as an 418 additional sector recommendation to GRI 3-3 Management of material topics.
- Incidents of non-compliance are covered by The GRI General Disclosure 2-27 Compliance with laws
 and regulations, whereas information on emissions reporting to regulators can add unnecessary
- 421 reporting burden, especially to multinational business organizations.

422 j) Other environmental topics

For biodiversity, a request was made to include impacts from ground subsidence and reporting on whether coal mining is associated with gas extraction. For water and effluents, one respondent posed a question on the relevance of acid mine drainage for coal mining.

426 **GSSB response:**

427 Ground subsidence was validated as a relevant source of impact for the sector, and mention of it has 428 been added to topics 12.3 Closure and rehabilitation, 12.5 Biodiversity, and 12.13 Asset integrity and 429 critical incident management. No new reporting was deemed necessary.

The request to add reporting on whether coal mining is associated with the extraction of gas deals with assessing the risk of leakage and explosion of gas pipelines. Upon further research, it was discovered that these impacts are most relevant to coal bed methane extraction, which is an

433 unconventional gas extraction method and thus out of the scope for the Sector Standard for coal.

434 The phenomenon of acid rock/mine drainage is relevant for coal mining.¹⁷ However, as acid mine 435 drainage is regarded as a runoff, not a discharge, the additional sector recommendation is more

436 accurate in the context of Disclosure 303-1 Interactions with water as a shared resource, as opposed

¹⁷ Acharya, B. S., & Kharel, G. Acid mine drainage from coal mining in the United States – An overview, *Journal of Hydrology*, 588, 2020; Campaner, V. P., Luiz-Silva, W., & Machado, W., Geochemistry of acid mine drainage from a coal mining area and processes controlling metal attenuation in stream waters, southern Brazil, *Anais da Academia Brasileira de Ciências*, 86, 2014.



¹⁴ United States Environmental Protection Agency (EPA), <u>Basic Information about Carbon Monoxide (CO) Outdoor Air</u> <u>Pollution</u>, accessed on 12 January 2021; Yuan, L., Smith, AC, *CO and CO*₂ *Emissions from Spontaneous Heating of Coal Under Different Ventilation Rates*, 2011.

¹⁵ Definition of 'significant air emission' in the GRI Standards is "air emission regulated under international conventions and/or national laws or regulations" (*GRI Standards Glossary 2021*).

¹⁶ International Energy Agency (IEA), World Energy Outlook Special Report: Energy and Air Pollution, 2016.

to its position in the exposure draft where it was connected to Disclosure 303-2 Management of water
 discharge-related impacts.

439 k) Economic impacts

Topic 12.8 Economic impacts received most feedback out of local community related topics. One respondent felt that the significant role of local procurement in creating economic impacts was not sufficiently covered. Another respondent suggested that the concept of 'project' needed to be clarified in the context of reporting on economic value generated and distributed, as this information might be legally restricted or commercially sensitive. It was also suggested to mention the economic impacts of health problems derived from environmental pollution.

446 **GSSB response:**

Local procurement is a significant source of long-term economic development and benefits for local communities, often outweighing the value provided by direct employment by organizations.¹⁸ Topic 12.8 Economic impacts has been revised to reflect the positive economic impacts that can result from local procurement, but no new reporting has been added. The additional sector recommendation included in the exposure draft addresses an organization's approach to providing local employment, procurement, and training to enhance positive economic impacts on communities.

The additional sector recommendation to Disclosure 201-1 Direct economic value generated and distributed (EVG&D) guides organizations to report their EVG&D on a project basis. This level of disaggregation can help information users better assess the benefits from coal activities on a

456 community or regional level. It is also aligned with the additional sector reporting in topic 12.21

457 Payments to governments,¹⁹ which partly deals with the same payments. While Disclosure 201-1 458 requires reporting on EVG&D separately at country, regional, or market levels where significant, for

459 coal, and other extractive sectors, project reporting is a more meaningful level of disaggregation.

460 For economic impacts from pollution, the *GRI 203: Indirect Economic Impacts 2016* mentions that 461 significant indirect impacts can include impacts of pollution. However, the pathway between coal 462 mining and potential increased health costs is unclear and insufficiently substantiated to be included

463 as an impact broadly applicable to the whole sector. No additions were made to the topic description.

464 *I)* Local communities

For topic 12.9 Local communities, which deals with societal impacts from coal activities, one respondent suggested including reporting on policies or commitments involving free, prior, and informed consent (FPIC) with all affected communities, not just indigenous peoples.

468 **GSSB response**:

Fee, prior, and informed consent (FPIC), as laid out in the United Nations Declaration on the Rights of Indigenous Peoples, is currently only applicable to indigenous peoples under international law.

471 Seeking consent from affected non-indigenous peoples takes place on the basis of loss or restriction

- 472 of access to land or natural resources, resettlement, or an impact on a human right. While there are
- 473 indications that FPIC may be extended to all affected communities as a best practice stakeholder
- 474 consultation,²⁰ there does not seem to be sufficient evidence that those in the broader community who
- 475 are affected in a variety of significant but less acute ways are afforded the right to withhold consent.
- 476 As such, the reference to FPIC in the topic 12.10 Land and resource rights is appropriate. The
- 477 language in the topic 12.9 Local communities was revised to highlight meaningful local engagement

²⁰ UN Human Rights Committee & UN Special Rapporteur on the Rights of Indigenous Peoples (UN-REDD Programme), Guidelines on Free, Prior and Informed Consent, 2013; The Food and Agriculture Organization (FAO), Free Prior and Informed Consent, 2016; Responsible Mining Foundation, Responsible Mining Index Framework 2020, 2020; Forest Stewardship Council (FSC), Implementing free, prior, and informed consent (FPIC) - A Forest Stewardship Council Discussion Paper, 2018.



¹⁸ See, for example, Natural Resource Governance Institute, *Local Content – Strengthening the Local Economy and Workforce*, 2015; *The World Bank, Oil, Gas, and Mining – A Sourcebook for Understanding Extractive Industries*, 2015.

¹⁹ Reporting recommendations in the topic 12.21 are based on the Extractive Industries Transparency Initiative *EITI Standard* 2019.

- 478 and inclusion of communities in decision-making. In instances where organizations are drawing on
- 479 FPIC for the broader community, they can report this as part of reporting on the management of the
- 480 topic.
- 481 An additional sector recommendation was added on an organization's approach to engaging
- 482 vulnerable groups. The additional sector disclosure was revised to expand the reporting on grievance
- 483 mechanisms and other remediation processes in addressing local community impacts. These
- 484 revisions bring reporting for this topic into line with *GRI 11*.

485 *m)* Rights of indigenous peoples

486 One respondent proposed to add reporting on due diligence and impact assessments regarding 487 traditional livelihoods and sites/practices of cultural significance for indigenous communities.

488 **GSSB response:**

489 For the coal sector, disclosing this information specifically in the context of indigenous peoples is 490 likely to be meaningful. GRI 3: Material topics 2021 and GRI 2: General Disclosures 2021 include disclosures and guidance related to impact assessments and due diligence applied to all topics. For 491 492 example, Guidance to Disclosure 3-3 Management of material topics states that an organization 493 should describe methods used to identify impacts, including impact assessments. Further, Guidance 494 to Disclosure 2-24 Embedding policy commitments directs reporting organizations to describe how 495 they embed policy commitments for responsible business conduct, such as human rights impact assessments and other due diligence processes. As it could be relevant for many sectors, this 496 feedback will be considered when revising the GRI Standard 411: Rights of Indigenous Peoples 2016. 497

498 An additional sector reporting recommendation has been added to describe identified incidents 499 involving the rights of indigenous peoples, which also aligns with *GRI 11*.

500 n) Conflict and security

501 A respondent suggested reporting on compliance with the Voluntary Principles on Security and 502 Human Rights would be appropriate in the context of topic 12.12 Conflict and security.

503 **GSSB response**:

504 To report on compliance with the Voluntary Principles on Security and Human Rights²¹, the

- respondent referenced a Responsible Mining Index (RMI) indicator requiring companies to track, review and act "to improve its performance on preventing and remedying human rights abuses related to its security management".²² This information is considered to be covered by the Disclosure 3-3 Management of material topics (actions taken to manage the topic and related impacts; tracking the effectiveness of actions taken), and Disclosure 2-23 Policy commitments (describe [the organization's] specific policy commitment to respect human rights).
- 511 The topic was also supplemented with an additional sector recommendation requesting information 512 on how the organization works with security providers. This also aligns with *GRI 11*.

513 o) Asset integrity and critical incident management

514 On topic 12.13 Asset integrity and critical incident management, a few labor respondents pointed out that other catastrophic risks, especially in underground mining, should be included in the reporting. 515 The focus on tailings facility integrity in the topic was regarded as positive, including the alignment 516 517 with the Global Industry Standard on Tailings Management (GISTM), with suggestions to further reinforce the alignment. One respondent suggested that further clarity on what is meant by 'tailings' is 518 needed, as it was not recognized as a sector-relevant term in one producer country. One respondent 519 520 suggested the inclusion of a disclosure on whether a confidential or anonymous (grievance) 521 mechanism for stakeholders to report tailings incidents is in place.

²² Responsible Mining Foundation, *Responsible Mining Index Framework 2020*, 2020.



²¹ Voluntary Principles on Security and Human Rights, *The Voluntary Principles on Security and Human Rights*, 2000.

522 **GSSB response:**

523 Topic 12.13 describes many risks beyond tailings facility failures that can result in critical incidents,

524 but the reporting section is missing a general incident metric. While many risks relevant to coal mining 525 involving workers are reported in topic 12.14 Occupational health and safety, other risks may exist

526 that can result in environmental damage or serious consequences on communities left unreported.

527 The topic has thus been supplemented with an additional sector disclosure to report the number of 528 critical incidents and describe their impacts.

529 The term 'tailings' has been clarified in the topic description. To further reflect the transparency 530 expectations set out in the *GISTM*, the additional sector reporting on tailings in the exposure draft was 531 supplemented with recommendations to list the organization's tailings facilities, including the name, 532 location, and ownership status; and to report the dates of the most recent and next independent dam 533 safety reviews for each tailings facility. Terminology was also revised to correspond to *GISTM*.

- Reporting on grievance mechanisms is done in Disclosure 2-25 Processes to remediate negative
 impacts and Disclosure 2-26 Mechanisms for seeking advice and raising concern, and thus triggered
 no new reporting in the topic 12.13.
- 537 The exposure draft also included a disclosure on emergency preparedness and response plans in the
- topic 12.13 Asset integrity and critical incident management. This disclosure was removed as it
- 539 overlaps with reporting requirements in the Disclosure 3-3 Management of material topics.

540 *p)* Worker topics

541 Some organizations stated that the topic 12.16 Child labor would not be material for their operating

- 542 context. Other individual comments included a call for reporting on strikes and lockouts and
- 543 considering living wage disclosures.

544 **GSSB response:**

545 While many organizations operate in areas with strict regulation and monitoring of human rights

- issues such as child and forced labor, they might have business relationships with organizations thatdo not. As part of reporting its management of a topic, an organization is required to report whether it
- is involved with negative impacts as a result of its business relationships. While not present in all coal
- 549 mining regions, child labor occurs frequently enough in coal supply chains to be considered a
- significant impact for the sector. When assessing potential negative human rights impacts, the
- severity of the impact takes precedence over its likelihood.

552 The rationale to include reporting on strikes and lockouts was based on alignment with a similar 553 disclosure listed in the SASB Standard for Coal Operations. There is no globally recognized definition 554 for what constitutes a strike or a lockout, and such practices are also restricted in many countries.

- 555 Such a disclosure may have been used to assess the risk of unionization to the organization rather
- than assessing the impacts on employees based on the organization's practices. Data on labor
- 557 employee turnover and collective bargaining are considered better indicators of workforce
- unhappiness, together with respect for collective action, included in *GRI 401: Employment 2016* and
 Disclosure 2-30 Collective bargaining agreements.
- 560 While expectations to communicate commitments to living wage are beginning to emerge²³, the issue
- 561 is more pressing to sectors such as agriculture and textiles rather than coal. Due to extensive
- regulation and a high unionization rate, coal workers are not commonly underpaid. No new reporting
- 563 has been added.

564 *q)* Anti-corruption

565 For topic 12.20 Anti-corruption, a respondent suggested adding details and reporting on corruption 566 risks arising from the procurement process. The interconnection between conflict and corruption was 567 also raised by a respondent, with a proposal to add reporting on the heightened corruption risk in

568 conflict-afflicted countries where organizations' operations are contracted with the government.

²³ See, for example, <u>Bettercoal provision 6.22</u>; <u>ICMM Performance Expectation 3.5</u>; and <u>RMI Framework indicator E.05</u>.



569 **GSSB response**:

- 570 It is acknowledged that the procurement process is one of the highest areas of risk in the
- 571 development phase in particular.²⁴ Topic 12.20 Anti-corruption was amended to highlight this issue,

572 with new examples of risks and schemes related to procurement added. An additional sector

573 recommendation was added to supplement information reported under GRI 3-3 Management of

574 material topics to describe how organizations manage potential impacts or risks of corruption in their 575 procurement practices and throughout the supply chain.

576 Conflict can exacerbate corruption, and corruption can trigger conflict. This interlinkage has been 577 added to the topic description. However, as the existing additional sector disclosure includes all 578 contracts and licenses regardless of country of operation, the reporting remains unchanged.

579 r) Payments to governments

580 One respondent requested an explicit requirement to report on operated joint ventures when 581 disclosing payments to governments. Another respondent called for a commitment from organizations 582 to comply with the spirit and letter of the law and avoid tax havens.

583 **GSSB response:**

584 When determining its material topics, an organization is expected to identify its actual and potential

impacts on the economy, environment, and people, including impacts on their human rights across its own activities and those of its business relationships. A joint venture is a type of business relationship and reporting on impacts caused by joint ventures is, as such, potentially relevant. Organizations in the coal sector can be involved with those impacts, even if it was a non-operating partner. No new

reporting has been added. For more details, see *GRI 3: Material Topics 2021*, Section 1.

590 The suggested additions are sufficiently covered by Disclosure 207-1 Approach to tax. Under this 591 disclosure, an organization reports information about its tax strategy, including tax havens and an 592 organization's approach to regulatory compliance, outlining the organization's intention with respect to 593 tax laws.

594 s) Public policy and lobbying²⁵

595 Using the term 'lobbying' in topic 12.22 Public policy and lobbying was contested by one business 596 representative due to negative connotations in the respondent's country context.

597 **GSSB response**:

his doci

As a result of the alignment of topic names across Sector Standards, topic 12.22 Public policy and lobbying was changed to 'Public policy', which is consistent with the name of the Topic Standard *GRI* 416 Public Policy 2016. However, the term 'lobbying' will be maintained in the topic description, as it is widely recognized and used to refer to both positive influences as well as aims for undue influence, unfair competition, and policy capture.

²⁵ The topic name has been revised in *GRI 12* to 'Public policy'.



²⁴ Organization for Economic Co-operation and Development (OECD), <u>Corruption in the Extractives Value Chain</u>, 2016.

Appendix 1. Questionnaire questions

Sector profile

Question 1: Are the business relationships described those that present the highest risk of significant negative impacts for the coal sector, based on the impacts' severity and likelihood of occurrence?

The sector and sustainable development

Question 2.1: Does the section accurately reflect the coal sector's sustainability context and the key societal expectations towards the sector as set out in international instruments and agreements?

Question 2.2: Does the mapping of likely material topics to SDGs help to contextualize the coal sector's activities in light of the global sustainability agenda?

Material topics

Question 3.1: Are the topics listed the correct likely material topics for the coal sector?

Question 3.2: Are the most significant impacts of the sector described in the likely material topics?

Question 3.3: Are the topic descriptions - including how they are named - complete and accurate in terms of capturing the sector's most significant impacts?

Disclosures

Question 4.1: Are the additional disclosures or recommendations listed understandable and feasible to report on?

Question 4.2: Are the listed disclosures critical and useful for sustainability report information users to understand an organization's impacts related to each topic?

Question 4.3: Are the disclosures formulated correctly to produce valuable and consistent information?

Climate change

Question 5.1: Reporting organizations: Do the disclosures listed in GHG emissions and Climate adaptation and resilience correspond to your organization's current or anticipated reporting on climate change related impacts?

Question 5.2: Information users: Do the reporting disclosures listed in the GHG emissions and Climate adaptation and resilience reflect the stakeholder expectations of public disclosure by coal organizations on climate change related impacts?

Tailings

Question 6: Please respond if you are a reporting organization: Does your organization comply or plan on complying with the GISTM? Please explain why/why not.

Other

Question 7: Please respond if you are a reporting organization: Which reporting instruments is your organization currently using for sustainability reporting, and why?

Question 8: Are there any other comments, or feedback you would like to provide about the GRI Coal Sector Standard exposure draft or the specific content presented within?



603 Appendix 2. Public comment

504 submissions by stakeholder

605 constituency and region

A total of 29 formal submissions from individuals and organizations was received on the exposure draft of Sector Standard: Coal. The names of these individuals and organizations are listed in the <u>public comment feedback table</u>, tab 'Full set of comments'.

609 The charts below show the breakdown of submissions by constituency group and region. Most

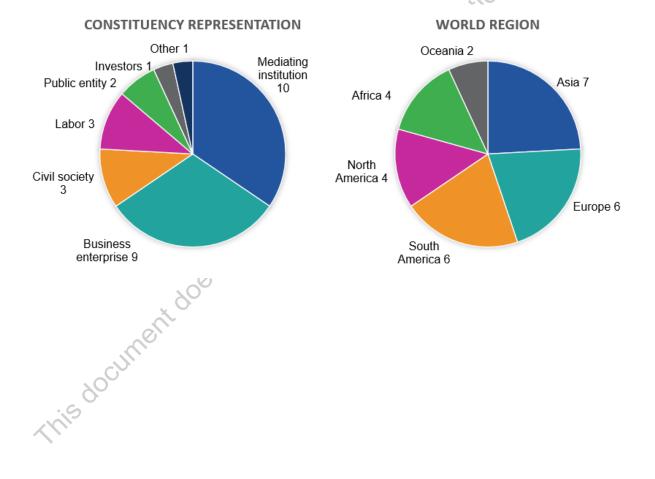
610 responses came from mediating institutions (10), closely followed by businesses (9). Labor was

611 represented with three (coordinated) submissions, and three responses came from civil

society organizations. Investment institutions submitted one response. The remaining responses were

613 submitted by an individual and a government body.

614 The submissions also represent regional diversity, with submissions originating from 18 countries and 615 balanced global distribution.





Appendix 3. Participation in regional

617 events and webinars

Event	Date	Number of attendees
GRI live webinar and Q&A	2 June (Midday CET)	45
GRI live webinar and Q&A	2 June (Evening CET)	35
GRI live webinar and Q&A	3 June (Morning CET)	25
Regional workshop Latin America	22 June	7
Regional workshop Indonesia	5 July	64
Regional workshop Africa	14 July	~10
Regional workshop India	20 July	~20
Regional workshop China	21 July	~10
Total participants	Officia	~220
Total participants	otreprese	

