

## GRI Index and other Appendices for Lundin Gold's 2018 Sustainability Report



This web-posted document is a supplement to Lundin Gold's 2018 Sustainability Report. It contains the **United Nations Global Compact Index** (Annex 1) and **GRI Standards Index** (Annex 2).

In addition, this document contains a summary of our key stakeholders, their key issues and interests, our engagement frequencies (Annex 3), and additional health and safety statistics (Annex 4).

For additional questions regarding Lundin Gold's 2018 Sustainability Report or this supplement, please contact:

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# Annex 1: UN Global Compact Index

UNGC Principles	Information in Section
<b>HUMAN RIGHTS</b>	
<p><b>Principle 1:</b> Businesses should support and respect the protection of internationally proclaimed human rights</p>	<p>Message from Ron Hochstein, President and CEO Commitment and Memberships, Corporate Governance</p>
<p><b>Principle 2:</b> Businesses should ensure that they are not complicit in human rights abuses</p>	<p>Corporate Governance Responsible Mining Policy UN Global Compact</p>
<b>LABOUR</b>	
<p><b>Principle 3:</b> Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining</p>	<p>Human Resources UN Global Compact</p>
<p><b>Principle 4:</b> Businesses should uphold the elimination of forced or compulsory labour</p>	<p>Human Resources UN Global Compact</p>
<p><b>Principle 5:</b> Businesses should uphold the effective abolition of child labour</p>	<p>Human Resources UN Global Compact</p>
<p><b>Principle 6:</b> Businesses should uphold the elimination of discrimination in respect of employment and occupation</p>	<p>Human Resources UN Global Compact</p>
<b>ENVIRONMENT</b>	
<p><b>Principle 7:</b> Businesses should support a precautionary approach to environmental challenges</p>	<p>Environmental Stewardship Biodiversity Conservation</p>
<p><b>Principle 8:</b> Businesses should undertake initiatives to promote greater environmental responsibility</p>	<p>Partnership with CI-Ecuador Community-Based Monitoring</p>
<p><b>Principle 9:</b> Businesses should encourage the development and diffusion of environmentally friendly technologies</p>	<p>Environmental Stewardship Partnership with CI-Ecuador</p>
<b>ANTI-CORRUPTION</b>	
<p><b>Principle 10:</b> Businesses should work against all forms of corruption, including extortion and bribery</p>	<p>Corporate Governance Economic Responsibility</p>

## Annex 2: 2018 GRI Index

Lundin Gold's 2018 sustainability report has been prepared in accordance with the GRI Standards: Core option. The required General Disclosures required for reporting to GRI Core option are marked with an asterisk (\*).

GRI Disclosure	Disclosure Title	UN SDG	Section Heading, Page, Link or Notes
<b>101 – Foundation</b>			
<b>102 – General Disclosures</b>			
<b>Organizational Profile</b>			
102-1*	Name of the organization		About Lundin Gold
102-2*	Activities, brands, products, and services		About Lundin Gold, Human Resources, Economic Responsibility
102-3*	Location of headquarters		About Lundin Gold
102-4*	Location of operations		About Lundin Gold, Operations and Explorations
102-5*	Ownership and legal form		About Lundin Gold
102-6*	Markets served		About Lundin Gold, Economic Responsibility
102-7*	Scale of the organization		Economic Responsibility, Operations and Exploration, Human Resources, Project Financing
102-8*	Information on employees and other workers		Human Resources
102-9*	Supply chain		Procurement Practices, Inclusive Supply Chain
102-10*	Significant changes to the organization and its supply chain		Transition to Operation
102-11*	Precautionary Principle or approach		Environmental Stewardship, Responsible Mining Policy
102-12*	External initiatives	17	Memberships and Commitments
102-13*	Membership of associations	17	Memberships and Commitments
<b>Strategy</b>			
102-14*	Statement from senior decision-maker		Message from Ron Hochstein, President and CEO
<b>Ethics and integrity</b>			
102-16*	Values, principles, standards, and norms of behaviour		Corporate Governance, Responsible Mining Policy
<b>Governance</b>			
102-18*	Governance structure		Corporate Governance
102-22*	Composition of the highest governance body and its committees		See Management Information Circular, available in Investors/Shareholder Meeting Materials at <a href="http://www.lundingold.com">www.lundingold.com</a>

## Annex 2: 2018 GRI Index

GRI Disclosure	Disclosure Title	UN SDG	Section Heading, Page, Link or Notes
<b>Stakeholder Engagement</b>			
102-40*	List of stakeholder groups		Annex 3: Lundin Gold's Stakeholder Mapping, Community Roundtables, Engagement and Partnerships
102-41*	Collective bargaining agreements	8	None
102-42*	Identifying and selecting stakeholders	17	Annex 3: Lundin Gold's Stakeholder Mapping, Community Roundtables, Engagement and Partnerships
102-43*	Approach to stakeholder engagement	17	Engagement and Partnerships, Responsible Mining Policy, Annex 3: Lundin Gold's Stakeholder Mapping, Engagement and Partnerships, Promoting Respect
102-44*	Key topics and concerns raised		Our Material Topics, Community Roundtables, Grievances, Annex 3
<b>Reporting Practice</b>			
102-45*	Entities included in the consolidated financial statements		Aurelian Resources Inc., Aurelian Resources Corporation Ltd., Aurelian Menor Inc., Aurelian Exploration Inc., Condor Finance Corp., Aurelian Ecuador S.A., Aurelian Ecuador Holding S.A., Ecoaurelian Agrícola S.A., Aurelianmenor S.A., see also Financial Statements available under the Lundin Gold's profile on the SEDAR website at <a href="http://www.sedar.com">www.sedar.com</a>
102-46*	Defining report content and topic Boundaries		Our Material Topics
102-47*	List of material topics		Our Material Topics
102-48*	Restatements of information		GHG data for 2017 restated and aligned with 2018 data
102-49*	Changes in reporting		No material changes
102-50*	Reporting period		About this Report
102-51*	Date of most recent report		2017 Sustainability Report published in May 2018
102-52*	Reporting cycle		About this Report
102-53*	Contact point for questions regarding the report		About this Report
102-54*	Claims of reporting in accordance with the GRI Standards		About this Report: GRI Standards, Core option
102-55*	GRI content index		<a href="https://www.lundin角度.com/en/responsible-mining/sustainability-reports/">https://www.lundin角度.com/en/responsible-mining/sustainability-reports/</a>
102-56*	External assurance		No assurance, we will consider corporate needs and stakeholder expectations to determine future assurance needs

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GRI Disclosure	Disclosure Title	UN SDG	Section Heading, Page, Link or Notes
<b>Material Topics</b>			
<b>Economic Standards</b>			
<b>Management Approach</b>			
103-1	Explanation of the material topic and its Boundary		Our Material Topics
103-2	Management approach and its components		Our Material Topics
103-3	Evaluation of the management approach		Our Material Topics
<b>Economic Performance</b>			
201-1	Direct economic value generated and distributed		Economic Benefits
<b>Indirect Economic Impacts</b>			
203-1	Infrastructure investments and services supported		Economic Benefits, Inclusive Supply Chain, Community and Road Infrastructure, Community Roundtables, Engagement and Partnerships
203-2	Significant indirect economic impacts		Engagement and Partnerships
<b>Procurement Practices</b>			
204-1	Proportion of spending on local suppliers		Procurement Practices, Inclusive Supply Chain
<b>Environmental Standards</b>			
<b>Management Approach</b>			
103-1	Explanation of the material topic and its Boundary		Our Material Topics
103-2	Management approach and its components		Our Material Topics
103-3	Evaluation of the management approach		Our Material Topics
<b>Water</b>			
103-1	Water withdrawal by source	6	Managing Water Quality

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GRI Disclosure	Disclosure Title	UN SDG	Section Heading, Page, Link or Notes
Biodiversity			
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	15	Biodiversity Conservation
304-2	Significant impacts of activities, products, and services on biodiversity	15	Biodiversity Conservation, Flora and Fauna Rescue, Partnership with CI-Ecuador
304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	15	Biodiversity Conservation
G4 MM1	Amount of land (owned or leased, and managed for production activities or extractive use) disturbed or rehabilitated	15	Construction Footprint
G4 MM2	The number and percentage of total sites identified as requiring biodiversity management plans according to stated criteria, and the number (percentage) of those sites with plans in place	15	1 of 1 site with Biodiversity Action Plan in place (100%): Fruta del Norte, Biodiversity Conservation
Effluents and Waste			
306-1	Water discharge by quality and destination	6	Managing Water Quality
306-3	Significant spills		Significant spills
Environmental Compliance			
307-1	Non-compliance with environmental laws and regulations		Environmental Compliance
MM8	Operating sites where artisanal and small-scale mining takes place		Artisanal Mining
Social Standards			
Management Approach			
103-1	Explanation of the material topic and its Boundary		Our Material Topics
103-2	Management approach and its components		Our Material Topics
103-3	Evaluation of the management approach		Our Material Topics

## Annex 2: 2018 GRI Index

GRI Disclosure	Disclosure Title	UN SDG	Section Heading, Page, Link or Notes
Occupational Health and Safety			
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	3, 8	Health and Safety, Annex 4: Lundin Gold's Health & Safety Statistics. Absenteeism is not considered to be material for Lundin Gold and no related data is being collected or reported
403-3	Workers with high incidence or high risk of diseases related to their occupation	3, 8	None
Non-discrimination			
406-1	Incidents of discrimination and corrective actions taken	5, 16	Gender and Diversity
Security Practices			
410-1	Security personnel trained in human rights policies or procedures	16	Security and Community
Rights of Indigenous Peoples			
411-1	Incidents of violations involving rights of indigenous peoples	16, 17	Indigenous People
Human Rights Assessment			
412-1	Operations that have been subject to human rights reviews or impact assessments	5, 6, 8, 15, 16	As reporting in our 2015-16 sustainability report, we reviewed our salient human rights risks related to 1 of 1 (100%) Fruta del Norte Project
Local Communities			
413-1	Operations with local community engagement, impact assessments, and development programs	1, 3, 4, 8, 17	Fruta del Norte: Community Roundtables, Engagement and Partnerships
Socioeconomic Compliance			
419-1	Non-compliance with laws and regulations in the social and economic area	16	Socio-economic Compliance

## Annex 3: Lundin Gold's Stakeholder Mapping

Using a stakeholder mapping process, we have identified over 50 local and 115 additional national and international stakeholders. The same mapping process also enables us to understand issues of interest, define appropriate engagement strategies, and respond to the dynamic changes to various government ministries in Ecuador.

In 2018, we noted the merger of the former Ministry of Production with the former Ministry of Foreign Trade to become the new Ministry of Production,

International Commerce, Investments and Fisheries. Also, the three Ministries of Energy, Hydrocarbons, and Mining merged into the new Ministry of Energy and Non-Renewable Natural Resources. Such changes are considered in our stakeholder mapping and updating process.

A summary of our stakeholder map is presented below and available on our website: [www.lundingold.com](http://www.lundingold.com).

### Key Stakeholders, Issues of Interest, and Engagement Approach

Stakeholder	Common issues and interests	Engagement & frequency
Local communities	Direct job opportunities, broader economic growth, environmental and water quality impacts, infrastructure improvements, moral fabric	Frequent roundtable dialogue, access to our locally-based staff, grievance mechanism, meetings with local leaders
Civil society	Infrastructure improvements, environmental stewardship, broader environmental, social, and economic risks and opportunities	Frequent meetings with local leaders, institutional memberships, events, media, grievance mechanism, brochures, sustainability reporting
Indigenous groups	Preserving identity and culture, extreme poverty, capacity building, infrastructure and economic development	The 2019 cooperation agreement between the Shuar Federation of Zamora Chinchipe and Aurelian Ecuador S.A. was updated in 2017, instituting regular meetings to address issues of common priority
Artisanal miners	Respectful engagement, livelihood, environmental impacts, formalization	Continuous
Conservation groups	Impact on environment and ecosystem services, strengthening biodiversity knowledge and offset policies in Ecuador	Collaboration agreements, site monitoring
Employees, workers	Rewarding, meaningful and safe livelihood	Code of conduct, daily to weekly meetings, grievance mechanism
Suppliers	Access to supply chain opportunities	Roundtable dialogue, tender announcements, contractual relationships
Religious groups	Environmental and social impacts, local social infrastructure, education, moral fabric, vulnerable groups	Regular meetings, roundtable dialogue, participation in media activities operated by local religious group
Government agencies, ministries, representatives	Economic development through responsible mining, capacity building, royalties, taxes and their distribution	Throughout licensing, permitting, and monitoring (monthly to quarterly), roundtables, events, media
Shareholders, investors	Responsible mining practices, good corporate governance, political risk	Meetings, quarterly and annual disclosure requirements, media releases, technical reports, sustainability report
Academia	Educational opportunities, community engagement and investment, addressing challenges of rural communities	Frequent roundtable dialogue, collaboration agreements



## Annex 4: Lundin Gold's Health & Safety Statistics

Employees	2016			2017			2018		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Hours Worked	373,766			929,823			2,463,339		
First Aid Cases	17	2	19	25	0	25	85	1	86
Medical Incidents	4	0	4	4	0	4	6	0	6
Lost Time Incidents	0	0	0	0	0	0	2	0	2
Work Related Fatalities	0	0	0	0	0	0	0	0	0
Occupational Disease	0	0	0	0	0	0	0	0	0
Injury Rate (IR-Ecuador)	0	0	0	0	0	0	0.16	0	0.16
Injury Rate (RIR-MSHA)	2.14	0	2.14	0.86	0	0.86	0.65	0	0.65
Occupational Disease Rate (ODR)	0	0	0	0	0	0	0	0	0
Lost Days Rate (LDR)	0	0	0	0	0	0	3.82	0	3.82

Contractors	2016			2017			2018		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Hours Worked	320,401			1,206,128			2,661,525		
First Aid Cases	7	3	10	27	2	29	19	0	19
Medical Incidents	4	1	5	1	0	1	3	0	3
Lost Time Incidents	1	0	1	1	0	1	0	0	0
Work Related Fatalities	0	0	0	0	0	0	0	0	0
Occupational Disease	0	0	0	0	0	0	0	0	0
Injury Rate (IR-Ecuador)	0.62	0	0.62	0.17	0	0.17	0	0	0
Injury Rate (RIR-MSHA)	3.75	0	3.75	0.33	0	0.33	0.23	0	0.23
Occupational Disease Rate (ODR)	0	0	0	0	0	0	0	0	0
Lost Days Rate (LDR)	0.07	0	0.07	0.06	0	0.06	0	0	0