

### GRI and UNGC Indices & Other Appendices 2019



This web-posted document is a supplement to Lundin Gold's 2019 Sustainability Report. It contains the United Nations Global Compact Index (Annex 1), the GRI Standards Index (Annex 2), Mining Local Procurement Reporting Mechanism Reporting (Annex 3), Stakeholder Mapping (Annex 4), and Health and Safety statistics (Annex 5).

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# Annex 1: Un Global Compact Index

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

# Annex 2: 2019 Gri Standards Index

GRI Disclosure	Disclosure Title	UN SDGs	Section Heading, Link or Notes
<b>101 – Foundation (Does not include disclosures)</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 Performance
102-3*	Location of headquarters		About Lundin Gold
102-4*	Location of operations		About Lundin Gold, Operations and Exploration
102-5*	Ownership and legal form		About Lundin Gold
102-6*	Markets served		About Lundin Gold, Economic Performance
102-7*	Scale of the organization		Operations and Exploration, Economic Performance, Human Resources
102-8*	Information on employees and other workers		Human Resources
102-9*	Supply chain		Inclusive Procurement
102-10*	Significant changes to the organization and its supply chain		Fruta Del Norte in Production
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	16	Corporate Governance, Responsible Mining Policy, Memberships and Commitments
<b>Governance</b>			
102-18*	Governance structure	16	Corporate Governance
102-22*	Composition of the highest governance body and its committees	5, 16	See Management Information Circular, available in Investors/Shareholder Meeting Materials at <a href="http://www.lundingold.com">www.lundingold.com</a>

# Annex 2: 2019 Gri Standards Index

GRI Disclosure	Disclosure Title	UN SDGs	Section Heading, Link or Notes
<b>Stakeholder Engagement</b>			
102-40*	List of stakeholder groups	17	Engagement and Partnerships, Annex 3: Lundin Gold's Stakeholder Mapping (in this document)
102-41*	Collective bargaining agreements	8	None
102-42*	Identifying and selecting stakeholders	17	Engagement and Partnerships, Annex 4: Lundin Gold's Stakeholder Mapping
102-43*	Approach to stakeholder engagement	17	Engagement and Partnerships, Annex 4: Lundin Gold's Stakeholder Mapping, Responsible Mining Policy, Promoting Respect
102-44*	Key topics and concerns raised		Our Material Topics, Community Roundtables, Grievances
<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		No material changes
102-49*	Changes in reporting		No material changes
102-50*	Reporting period		About this Report
102-51*	Date of most recent report		2018 Sustainability Report published May 2019
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 (2016, Core Level)
102-55*	GRI content index		<a href="https://www.lundin的角度.com/en/responsible-mining/sustainability-reports/">https://www.lundin的角度.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

# Annex 2: 2019 Gri Standards Index

GRI Disclosure	Disclosure Title	UN SDGs	Section Heading, 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	1, 2, 5, 7, 8, 9, 11	Economic Performance, Impact Investments
<b>Indirect Economic Impacts</b>			
203-1	Infrastructure investments and services supported	1, 2, 5, 7, 8, 9, 11, 17	Economic Performance, Engagement and Partnerships, Impact Investments
203-2	Significant indirect economic impacts	1, 2, 3, 8, 9, 10, 11, 17	Economic Performance, Engagement and Partnerships, Impact Investments
<b>Procurement Practices</b>			
204-1	Proportion of spending on local suppliers	1, 5, 8, 11	Inclusive Procurement
<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	Water Management
<b>Biodiversity</b>			
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	6, 14, 5	Biodiversity Conservation & Offsets
304-2	Significant impacts of activities, products, and services on biodiversity	6, 14, 15	Biodiversity Conservation & Offsets, Flora and Fauna Rescue & Relocation, Partnership with Conservation International – Ecuador

# Annex 2: 2019 Gri Standards Index

GRI Disclosure	Disclosure Title	UN SDGs	Section Heading, Link or Notes
304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	6, 14, 15	Biodiversity Conservation & Offset
G4 MM1	Amount of land (owned or leased, and managed for production activities or extractive use) disturbed or rehabilitated	3, 6, 12, 14, 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	6, 14, 15	1 of 1 site with Biodiversity Action Plan in place (100%): Fruta del Norte, Biodiversity Conservation
<b>Greenhouse Gas Emissions</b>			
305-1	Direct greenhouse gas (GHG) emissions (Scope 1)	3, 12, 13, 14, 15	Greenhouse Gas Emissions (GHG)
305-2	Indirect greenhouse gas (GHG) emissions (Scope 2)	3, 12, 13, 14, 15	Greenhouse Gas Emissions (GHG)
305-3	Other indirect greenhouse gas (GHG) emissions (Scope 3)	3, 12, 13, 14, 15	Greenhouse Gas Emissions (GHG) – no estimates provided for biogenic CO2 or supply chain GHG
<b>Effluents and Waste</b>			
306-1	Water discharge by quality and destination	3, 6, 12, 14	Water Management
306-3	Significant spills	3, 6, 12, 14, 15	Significant Spills
<b>Environmental Compliance</b>			
307-1	Non-compliance with environmental laws and regulations	16	Environmental Compliance & Incident Management
MM8	Operating sites where artisanal and small-scale mining takes place	1, 2, 3, 6, 8, 11, 12	Artisanal Mining
<b>Social 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

# Annex 2: 2019 Gri Standards Index

GRI Disclosure	Disclosure Title	UN SDGs	Section Heading, Link or Notes
<b>Occupational Health and Safety</b>			
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 5: 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
<b>Non-Discrimination</b>			
406-1	Incidents of discrimination and corrective actions taken	5, 8, 16	Human Resources, Gender and Diversity, Promoting Respect
<b>Security Practices</b>			
410-1	Security personnel trained in human rights policies or procedures	16	Security and Community
<b>Rights of Indigenous Peoples</b>			
411-1	Incidents of violations involving rights of indigenous peoples	2, 16, 17	None Collaborating with Indigenous Peoples
<b>Human Rights Assessment</b>			
412-1	Operations that have been subject to human rights reviews or impact assessments	5, 6, 8, 15, 16	As reported in our 2015-16 sustainability report, we reviewed our salient human rights risks related to 1 of 1 (100%) projects (FDN)
<b>Local Communities</b>			
413-1	Operations with local community engagement, impact assessments, and development programs	1, 3, 4, 8, 17	Fruta del Norte: Engagement and Partnerships, Impact Investments
413-2	Operations with significant actual and potential negative impacts on local communities	1, 2	No resettlement undertaken during the reporting period.
<b>Socioeconomic Compliance</b>			
419-1	Non-compliance with laws and regulations in the social and economic area	16	No socio-economic non-compliance during 2019.

# Annex 3: Mining Local Procurement Reporting Mechanism Reporting

Disclosure	Title	Location/Comment
100	Context for local procurement disclosure	About Lundin Gold Inclusive Procurement Fruta del Norte in Production
200	<b>Procurement System</b>	
	201 – Policy on Local Suppliers	Responsible Mining Policy Inclusive Procurement
	202 – Accountability of Local Suppliers	Inclusive Procurement
	203 – Major contractors and local suppliers	Inclusive Procurement
	204 – Procurement process (A-D)	A: Back cover B-D: We maintain an internal database of ‘vetted’ suppliers, and inform prospective vendors about prequalification requirements, code of conduct and capacity building programs. See also Inclusive Procurement.
300	<b>Local Procurement Spending by Category</b>	
	301 – Categorizing suppliers	See Inclusive Procurement and concentric rings (agreed through engagement during Community Roundtables)
	302 – Breakdown of procurement spend	Inclusive Procurement
400	<b>Local Procurement due Diligence</b>	
	401 – Due diligence process	Business Code of Conduct and Ethics, and the Anti-Bribery Policy also applies to suppliers
	402 – Anti-corruption policy	Business Code of Conduct and Ethics, and the Anti-Bribery Policy also applies to suppliers
	403 – Training and guidance for suppliers	Business Code of Conduct and Ethics, and the Anti-Bribery Policy also applies to suppliers

*Note: Reporting in accordance with LPRM Core option*



# Annex 4: 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. Both at the national and local level, the Company reviews the stakeholder maps on a regular basis.

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

Stakeholder Group	Title	Location/Comment
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 cooperation agreement between the Shuar Federation of Zamora Chinchipe and Aurelian Ecuador S.A. was updated in 2019, instituting regular meetings to address issues of common priority
Artisanal Miners	Respectful engagement, livelihood, environmental impacts, formalization	We have a small, dedicated team to help manage the formalization of artisanal miners. This team is in continuously available to and in contact with artisanal miners
Conservation Groups	Impact on environment and ecosystem services, strengthening biodiversity knowledge and offset policies in Ecuador	Collaboration agreements, site monitoring, frequent engagement with local communities through roundtable dialogue
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, targeted initiatives to improve the business practices of potential local suppliers
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 church
Government Agencies, Ministries, Representatives	Economic development through responsible mining, capacity building, royalties, taxes and their distribution	Routinely through licensing, permitting, and monitoring activities (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 5: Health & Safety Statistics

Employees	2017			2018			2019		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Hours Worked	929,823			2,463,339			4,494,761		
First Aid Cases	25	0	25	85	1	86	109	6	115
Medical Incidents	4	0	4	6	0	6	14	0	14
Lost Time Incidents	0	0	0	2	0	2	3	0	3
Work Related Fatalities	0	0	0	0	0	0	1	0	1
Occupational Disease	0	0	0	0	0	0	0	0	0
Injury Rate (IR-Ecuador)	0	0	0	0.16	0	0.16	0.18	0	0.18
Injury Rate (RIR-MSHA)	0.86	0	0.86	0.65	0	0.65	0.8	0	0.8
Occupational Disease Rate (ODR)	0	0	0	0	0	0	0	0	0
Lost Days Rate (LDR)	0	0	0	3.82	0	3.82	289.98	0	289.98

Contractors	2017			2018			2019		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Hours Worked	1,206,128			2,661,525			2,987,870		
First Aid Cases	27	2	29	19	0	19	17	1	18
Medical Incidents	1	0	1	3	0	3	6	0	6
Lost Time Incidents	1	0	1	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)	0.17	0	0.17	0	0	0	0.13	0	0.13
Injury Rate (RIR-MSHA)	0.33	0	0.33	0.23	0	0.23	0.54	0	0.54
Occupational Disease Rate (ODR)	0	0	0	0	0	0	0	0	0
Lost Days Rate (LDR)	0.06	0	0.06	0	0	0	1.25	0	1.25