

Gri content index Connection with legislative decree 254/2016, SDGS and principles of the Global Compact (UNGC)

Iren S.p.A. reports the information mentioned in this GRI content index for the period 1 January 2023 - 31 December 2023 with reference to the GRI Standards.

Reference notes:

- in the column "Legislative Decree 254/16" are the GRI standard indicators that provide information related to the provisions of the Italian regulations on Non-Financial Reporting;
- the "UNGC" column shows the link with the 10 principles of the United Nations Global Compact. The dark-background number indicates the UNGC principle (>>> SEE PAGE 360) directly related to the specific indicator; the number on a light background indicates the indirectly related principle;
- the "SDGs" column shows how the disclosures in the GRI Standards relate to the 17 Sustainable Development Goals of the 2030 Agenda, whose number is given, according to the framework developed by GRI in the document "Linking the SDGs and the GRI Standards".

Indicator		lt L.D. 254/16	UNGC	SDGs	Page reference/ Notes on possible omissions
GRI 1 - F	oundation - version 2021				
GRI 2 – 0	General Disclosures - version 2021				
The orga	nisation and its reporting practices				
2-1	Organisational details	•			Cover, 14, Back Cover, 20, 25, 34
2-2	Entities included in the organisation's sustainability reporting	•			14, 18, 362-364
2-3	Reporting period, frequency and contact point	•			360, 398
2-4	Restatements of information	•			254
2-5	External assurance	•			363, 391-394
Activities	s and workers				
2-6	Activities, value chain and other business relationships	•			14, 19-24, 138, 142, 176, 182, 183, 189, 190, 199-207, 252, 260-264, 270-275, 335-336, 339, 360
2-7	Employees	•	6	8, 10	23, 272-275, 291-293, 299-300, 310-312
2-8	Workers who are not employees		6		326

Indicati	or	lt L.D. 254/16	UNGC	SDGs	Page reference/ Notes on possible omissions
Govern	ance				
2-9	Governance structure and composition	•		5, 16	40, 44-53
2-10	Nomination and selection of the highest governance body	•		5, 16	40, 44-45
2-11	Chair of the highest governance body			16	40, 43-44, 47
2-12	Role of the highest governance body in overseeing the management of impacts	•		16	40-44, 47-59, 120-123
2-13	Delegation of responsibility for managing impacts				40, 44-45
2-14	Role of the highest governance body in sustainability reporting	•			40-44, 50
2-15	Conflicts of interest			16	40, 44-45, 51
2-16	Communication of critical concerns	•			40, 45, 56-57, 67, 120,129
2-17	Collective knowledge of the highest governance body				40, 45, 47
2-18	Evaluation of the performance of the highest governance body	•			40, 44-45
2-19	Remuneration policies				77
2-20	Process to determine remuneration			16	48-49, 67, 77-79
2-21	Annual total compensation ratio				295, 304
Strateg	y, policies and practices				
2-22	Statement on sustainable development strategy	•			9-11, 96-103, 113-117
2-23	Policy commitments		0	16	40, 56, 59-61, 67-69, 80, 92, 120, 138, 165, 176, 183, 193, 213, 222, 250, 260, 288, 312, 317, 324, 333, 345, 347
2-24	Embedding policy commitments				40, 44, 56, 60-61, 67, 70, 74, 77, 80, 102, 260, 263, 295, 300, 333, 339, 340
2-25	Processes to remediate negative impacts				67, 70-71, 89, 120, 123, 250, 258, 260
2-26	Mechanisms for seeking advice and raising concerns		0	16	67, 70-71
2-27	Compliance with laws and regulations	•	7 8 0 0	16	120, 218, 219, 222, 246, 324, 325
2-28	Membership associations	•			120, 133-136
Stakeh	older engagement				
2-29	Approach to stakeholder engagement	•			104, 120-127, 132, 237-239
2-30	Collective bargaining agreements	•	3 6	8	295, 304

Indicato	or	lt L.D. 254/16	UNGC	SDGs	Page reference/ Notes on possible omissions
GRI 3 -	Material Topics - version 2021				
3-1	Process to determine material topics	•			102-106
3-2	List of material topics	•			102, 104-106
	Management of material topics	•			14, 19-20, 56-58, 67, 90, 107-112, 116-117
	Growth and value creation for the company and stakeholders			2, 8	60, 138-159
	Solid, ethic and transparent governance for sustainable growth	•	0	16, 17	40, 86-91
	Efficient, reliable and secure management of processes and infrastructure	•	089	9, 11, 12	60, 260, 267, 271-276, 277-282, 356
	Energy efficiency and renewable production to reduce environmental and economic impacts	•	7 8	7, 12, 13	60, 162, 176-182
	Circular economy and waste management	•	08	12, 13	60, 162, 193-208
	Sustainable use of water resources	•	7 8	6,14	60, 162, 183-192
	Decarbonization and reduction of emissions	•	7 8	13	60, 162, 165-175
	Biodiversity	•	7 8	14, 15	60, 213-217
3-3	Sustainable development of the local areas and communities	•		4, 11, 17	60, 222-246
	Innovation, digital transformation and smart cities	•	789	9, 11, 13	60, 263, 281, 345-356
	Responsibility and quality in service delivery and customer orientation	•	6	1, 6, 7, 11	60, 250-280
	Employment, development of human resources, welfare and industrial relations	•	86	4, 8, 10	60, 288, 295-305, 307-311, 324-325
	Occupational health and safety	•		3, 8	60, 317-323
	Diversity and inclusion	•	6	5, 10	60, 159, 312-316
	Protection of human rights	•	1 2 4 5	8, 10	60, 80-85
	Sustainable supply chain management	•	8 9 6 6 9	8, 10, 13	60, 333-344
	Effective and transparent dialogue and communication with stakeholders	•		16, 17	60, 129-137
Specific	c standards – Economic area				
201 - Ec	onomic performance (2016 standard)				
201-1	Direct economic value generated and distributed		78	8, 9	14, 23-24, 138, 142
201-2	Financial implications and other risks and opportunities due to climate change		78	13	62-66, 141-142
201-3	Defined benefit plan obligations and other retirement plans		78		288, 294, Consolidated Financial Statements
201-4	Financial assistance received from Government		78		145

Indicato	or	lt L.D. 254/16	UNGC	SDGs	Page reference/ Notes on possible omissions
202 - Ma	rket presence (2016 standard)				
202-1	Ratios of standard entry level wage by gender compared to local minimum wage		6	1, 5, 8	295, 304
202-2	Proportion of senior management hired from the local community		6	8	138, 142, 288, 292
203 - Im	patti economici indiretti (standard 2016)				
203-1	Infrastructure investments and services supported			5, 9, 11	14, 20, 23, 162, 164, 223-224, 235-237
203-2	Significant indirect economic impacts			1, 3, 8	138, 142
204 – Pr	ocurement practices (2016 standard)				
204-1	Proportion of spending on local suppliers			8	14, 19, 20-23, 333, 342-344
205 - An	ti-Corruption (2016 standard)				
205-1	Operations assessed for risks related to corruption	•	0 0	16	67,75
205-2	Communication and training about anti- corruption policies and procedures	•	10 10	16	67, 70, 75-76
205-3	Confirmed incidents of corruption and actions taken	•	10 10	16	67, 76
206 - An	ticompetitive behaviours (2016 standard)				
206-1	Legal actions for anticompetitive behaviour, anti- trust, and monopoly practices			16	250, 259
207 - Tas	sse (standard 2019)				
207-1	Approach to tax			1, 10, 17	138, 144-145
207-2	Tax governance, control and risk management			1, 10, 17	138, 144-145
207-3	Stakeholder engagement and management of concerns related to tax			1, 10, 17	138, 144-145
207-4	Country-by-country reporting			1, 10, 17	138, Single jurisdiction: Italy For items i, ii, iii, information in this Report. For items iv and vi to x, information in the Consolidated Financial Statements.
Specific	standards – Environmental area				
301 – Ma	aterials (2016 standard)				
301-1	Materials used by weight or volume	•	789	6, 8, 12	218
301-2	Recycled input materials used	•	789	8, 12	218
301-3	Reclaimed products and their packaging materials	•	789	8, 12	Not pertinent in relation to Group activities

Indicat	or	lt L.D. 254/16	UNGC	SDGs	Page reference/ Notes on possible omissions
302 - En	nergy (2016 standard)				
302-1	Energy consumption within the organisation	•	789	7, 8, 12, 13	14, 19, 20, 22, 24, 165-167, 209
302-2	Energy consumption outside of the organisation	•	789	7, 8, 12, 13	176, 179, 209-212
302-3	Energy intensity	•	789	7, 8, 12, 13	Ratio between direct energy consumption and energy produced (TOE/MWh): 0.13
302-4	Reduction of energy consumption	•	789	7, 8, 12, 13	14, 20, 22, 24, 176, 178-180
302-5	Reductions in energy requirements for products and services	•	789	7, 8, 12, 13	176, 180-182
303 - Wa	ater and effluents (2018 standard)				
303-1	Interactions with water as a shared resource		789	6, 12	183-186, 260, 277
303-2	Management of water discharge-related impacts	•	789	6	183, 186, 216
303-3	Water withdrawal	•	789	6	14,19, 22, 24, 183-185 From the analysis of the "Aqueduct water risk atlas" of the World Resources Institute, withdrawals, discharges and consumption do not occur in areas with water stress
303-4	Water discharge	•	789	6	186 From the analysis of the 'Aqueduct water risk atlas' of the World Resources Institute, withdrawals, discharges and consumption do not occur in areas with water stress
303-5	Water consumption	•	789	6	186 From the analysis of the "Aqueduct water risk atlas" of the World Resources Institute, withdrawals, discharges and consumption do not occur in areas with water stress
304 - Bi	odiversity (2016 standard)				
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	•	78	6, 14, 15	213, 217 Qualitative reporting, subject managed in accordance with the regulations applicable to the Group's activities
304-2	Significant impacts of activities, products, and services on biodiversity	•	78	6, 14, 15	213, 215-216
304-3	Habitats protected or restored	•	78	6, 14, 15	213, 215-216
304-4	IUCN Red List species and national conservation lists species with habitats in areas affected by operations	•	78	6, 14, 15	213, 217
305 - Er	nissions (2016 standard)				
305-1	Direct (Scope 1) GHG emissions	•	789	3, 12, 13, 14, 15	22, 167-170, 211
305-2	Energy indirect (Scope 2) GHG emissions	•	789	3, 12, 13, 14, 15	22, 170
305-3	Other indirect (Scope 3) GHG emissions	•	789	3, 12, 13, 14, 15	171-172

Indicato	ır	lt L.D. 254/16	UNGC	SDGs	Page reference/ Notes on possible omissions
305-4	GHG emissions intensity	•	789	13, 14, 15	14, 20, 22, 170
305-5	Reduction of GHG emissions	•	789	13, 14, 15	22, 174-175, 209
305-6	Emissions of ozone-depleting substances (ODS)	•	789	3, 12	169
305-7	Nitrogen oxides (NOx), sulphur oxides (SOx) and other significant air emissions	•	789	3, 12, 14, 15	172, 211
306 - Wa	ste (2020 standard)				
306-1	Waste generation and significant waste-related impacts	•	78	3, 6, 11, 12, 14	194-208
306-2	Management of significant waste-related impacts	•	78	3, 6, 11, 12	194-208
306-3	Waste generated	•	78	3, 6, 11, 12, 14	22, 194-196
306-4	Waste diverted from disposal	•	78	3, 11, 12	197, 208
306-5	Waste directed to disposal	•	78	3, 6, 11, 12	197-198, 208
308 – Su	pplier environmental assessment (2016 standard)				
308-1	New suppliers that were screened using environmental criteria	•	8		333, 337
308-2	Negative environmental impacts in the supply chain and actions taken	•	8		333, 336-337
Specific	standards - Social area				
401 – Em	ployment (2016 standard)				
401-1	New employee hires and employee turnover	•	6	5, 8, 10	14, 20, 23, 292, 293-294, 326, 331
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	•	6	3, 5, 8	295, 304, 307
401-3	Parental leave	•	6	5, 8	312, 316
402 – La	bor/Management Relations (2016 standard)				
402-1	Minimum notice periods regarding operational changes	•	6	8	324-325
403 – Oc	cupational health and safety (2018 standard)				
403-1	Occupational health and safety management system		6	8	317, 318, 333, 342
403-2	Hazard identification, risk assessment, and incident investigation		•	8	294, 317, 319, 333, 342
403-3	Occupational health services		8	8	317, 318, 321, 333
403-4	Worker participation, consultation, and communication on occupational health and safety	•	8	8, 16	317, 319 Data pertaining to Group employees

Indicator		It L.D. 254/16	UNGC	SDGs	Page reference/ Notes on possible omissions
403-5	Worker training on occupational health and safety		6	8	295, 303, 317, 322, 333, 340
403-6	Promotion of worker health		8	3	307, 309-310 Data pertaining to Group employees
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships		8	8	333, 340
403-8	Workers covered by an occupational health and safety management system		•	8	317, 318, 333, 341
403-9	Work-related injuries	•	8	3, 8, 16	14, 22, 23, 24, 317, 320-321, 332, 342 Work-related injury rates relating to Group personnel
403-10	Work-related ill health	•	•	3, 8, 16	321, 322 Data pertaining to Group employees
404 - Trai	ning and education (2016 standard)				
404-1	Average hours of training per year per employee	•	6	4, 5, 8, 10	14, 19, 23, 295, 300-301
404-2	Programs for upgrading employee skills and transition assistance programmes	•	6	8	288, 295, 297
404-3	Percentage of employees receiving regular performance and career development reviews	•	6	5, 8, 10	23, 24, 295, 297, 305
405 - Dive	rsity and equal opportunities (2016 standard)				
405-1	Diversity of governance bodies and employees	•	6	5, 8	23, 24, 288, 290-291, 312, 315-316, 326, 328
405-2	Ratio of basic salary and remuneration of women to men		6	5, 8, 10	312, 317, 326, 331
406 – Non	-discrimination (2016 standard)				
406-1	Incidents of discrimination and corrective actions taken	•	6	5, 8	80, 312
407 – Free	dom of association and collective bargaining (2016	5 standard)			
407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	•	00	8	80, 83-84, 333, 340
408 - Chile	l labour (2016 standard)				
408-1	Operations and suppliers at significant risk for incidents of child labour	•	06	8, 16	80, 83-84, 333, 335
409 - Forc	ed or compulsory labour (2016 standard)				
409-1	Operations and suppliers at significant risk of incidents of forced or compulsory labour	•	00	8	80, 83-84, 333, 335
410 - Secu	rity practices (2016 standard)				
410-1	Security personnel trained in human rights policies or procedures	•	0 28 466	16	Not pertinent in relation to Group activities

Indicato	or	lt L.D. 254/16	UNGC	SDGs	Page reference/ Notes on possible omissions
411 - Rig	hts of indigenous peoples (2016 standard)				
411-1	Incidents of violations involving rights of indigenous peoples	•	0	2	Not pertinent given the location of the Group's activities
413 - Lo	cal communities (2016 standard)				
413-1	Operations with local community engagement, impact assessments, and development programs	•	1		222, 244-246
413-2	Operations with significant actual and potential negative impacts on local communities	•	1	1, 2	222, 244-246
414 - Su	pplier social assessment (2016 standard)				
414-1	New suppliers that were screened using social criteria	•	02 6	5, 8, 16	333, 344
414-2	Negative social impacts in the supply chain and actions taken	•	02 6	5, 8, 16	333, 339
415 - Pu	blic policy (2016 standard)				
415-1	Political contributions	•		16	120, 132-133
416 - Cu	stomer health and safety (2016 standard)				
416-1	Assessment of the health and safety impacts of product and service categories	•			222, 244, 260, 261, 277, 279
416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	•		16	250, 258
417 - Ma	rketing and labeling (2016 standard)				
417-1	Requirements for product and service information and labeling	•		12	Not pertinent in relation to Group activities
417-2	Incidents of non-compliance concerning product and service information and labeling	•		16	250, 258
417-3	Incidents of non-compliance concerning marketing communications	•		16	250, 258
418 - Cu	stomer privacy (2016 standard)				
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	•		16	89-90
Electric	Utilities Supplement				
EU-1	Installed capacity	•			14, 18-19, 26, 176-177
EU-2	Net energy output	•			14, 19-20-21, 26-27, 176
EU-3	Number of customers				26, 250
EU-4	Length of transmission and distribution networks				14, 18, 20, 26, 260, 268

Indicato	or	lt L.D. 254/16	UNGC	SDGs	Page reference/ Notes on possible omissions
EU-5	Compliance with the Kyoto Protocol	•			Level of compliance: 4%
EU-10	Planned capacity				138-139
EU-11	Average output of heat production plants	•			Co-generation, boilers and thermoelectric plants: 74% Waste-to-energy plants 77%
EU-12	Transmission and distribution losses as a percentage of total energy	•			260, 268
EU-13	Habitats restored (offsetting)	•			213, 215-216
EU-15	Percentage of employees eligible to retire in the next 5 to 10 years				288, 294
EU-17	Hours worked by contractor and subcontractor employees				333, 340-341
EU-18	Health and safety training programmes carried out for contractor and subcontractor employees	•			333, 341
EU-22	Number of people physically displaced following the construction of new plants and economical compensation	•			222, 246
EU-25	Number of injuries and fatalities to the public involving Company assets	•			222, 246
EU-26	Percentage of population not served in the electricity distribution area				The Group serves the entire population of the local areas in which it manages the service
EU-27	Number of residential disconnections for non-payment, broken down by duration of disconnection and by regulatory regime				260, 269
EU-28	Power outages: average number of interruptions per LV customer (N1)				260, 269
EU-29	Power outages: cumulative downtime (D1)				260, 269
EU-30	Average plant availability factor	•			Co-generation plants: 45% Waste-to-energy plants: 90%

Material topics and GRI standards

Priority topics	Indicators
Growth and value creation for the company and stakeholders	2-6; 2-23; 3-3; 201-1; 201-2; 201-4; 202-2; 203-2; 207-1; 207-2; 207-3; 207-4
Solid, ethical and transparent governance for sustainable growth	2-9; 2-10; 2-11; 2-12; 2-13; 2-14; 2-15; 2-16; 2-17; 2-18; 2-19; 2-20; 2-23;2-24; 2-25; 2-26; 3-3; 201-2; 205-1; 205-2; 205-3; 418-1
Efficient, reliable and safe management of processes and infrastructure	2-6; 2-23; 2-24; 2-25; 3-3; 303-1; 416-1

Priority topics	Indicators
Employment, development of human resources, welfare and industrial relations	2-7; 2-21; 2-23; 2-24; 2-27; 2-30; 3-3; 201-3; 202-1; 202-2; 401-1; 401-2; 402-1; 403-5; 403-6; 404-1; 404-2; 404-3; 405-1
Energy efficiency and renewable production to reduce environmental and economic impacts	2-6; 2-23; 3-3; 302-2; 302-4; 302-5
Innovation, digital transformation and smart cities	2-23; 3-3
Circular economy and waste management	2-6; 2-23; 3-3; 306-1; 306-2; 306-3; 306-4; 306-5
Sustainable use of water resources	2-6; 2-23; 3-3; 303-1; 303-2; 303-3; 303-4; 303-5
Decarbonization and reduction of emissions	2-23; 3-3; 302-1; 302-2; 305-1; 305-2; 305-3; 305-4; 305-5; 305-6; 305-7
Sustainable development of the local areas and communities	2-23; 2-27; 3-3; 203-1; 413-1; 413-2
Responsibility and quality in service delivery and customer orientation	2-6; 2-23; 2-25; 3-3; 206-1; 406-1; 416-2; 417-2; 417-3
Occupational health and safety	2-23; 3-3; 403-1; 403-2; 403-3; 403-4; 403-5; 403-7; 403-8; 403-9; 403-10
Diversity and inclusion	2-23; 3-3; 401-3; 405-1; 405-2; 406-1
Protection of human rights	2-23; 2-24; 3-3; 406-1; 407-1; 408-1; 409-1
Effective and transparent dialogue and communication with stakeholders	2-12; 2-14; 2-16; 2-23; 2-25; 2-27; 2-28; 2-29; 3-3; 415-1
Sustainable management of the supply chain	2-6; 2-23; 2-24; 3-3; 204-1; 308-1; 308-2; 403-1; 403-2; 403-3; 403-5; 403-7; 403-8; 403-9; 407-1; 408-1; 409-1; 414-1; 414-2
Biodiversity	2-23; 3-3; 304-1; 304-2; 304-3; 304-4