

ANNEX 02.

GRI CONTENT INDEX



CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
General Disclosures								
2-1	Organizational details	20, 22					None	
2-2	Entities included in the organization's sustainability reporting	14, 18,					None	
2-3		Reporting period, frequency and contact point	17, 18,				None	
2-4		Restatements of information	192, 196, 217				None	
2-5	External assurance	18; 452					None	
2-6	Activities, value chain and other business relationships	20, 22, 67, 84, 85, 102, 103				WEF 17		
2-7	Employees	355				WEF 17	8 - Decent Work and Economic Growth	
2-8	Workers who are not employees	103				WEF 17	8 - Decent Work and Economic Growth	
2-9	Governance structure and composition	121, 122, 123, 124, 125, 126, 128, 130,				WEF 2 WEF6E	5 - Gender Equality 16 - Peace, Justice and Strong Institutions	
2-10	Nomination and selection of the highest governance body	123, 124, 125, 126, 128				WEF2 WEF 11	16 - Peace, Justice and Strong Institutions	
2-11	Chair of the highest governance body	145					16 - Peace, Justice and Strong Institutions	
2-12	Role of the highest governance body in overseeing the management of impacts	122, 131, 132				WEF 2 WEF 1E WEF 6E	16 - Peace, Justice and Strong Institutions	
2-13	Delegation of responsibility for managing impacts	103, 104, 130, 133, 426				WEF 2 WEF 17		
2-14	Role of the highest governance body in sustainability reporting	133						
2-15	Conflicts of interest	136					16 - Peace, Justice and Strong Institutions	

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
2-16	Communication of critical concerns	136					16 - Peace, Justice and Strong Institutions	
2-17	Collective knowledge of the highest governance body	138						
2-18	Evaluation of the performance of the highest governance body	140, 141					16 - Peace, Justice and Strong Institutions	
2-19	Remuneration policies	141, 145				WEF 3E		
2-20	Process to determine remuneration	141, 145, 356				WEF 18 WEF 3E	16 - Peace, Justice and Strong Institutions	
2-21	Annual total compensation ratio	147				WEF 19E		
2-22	Statement on sustainable development strategy	6						
2-23	Policy commitments	148, 150, 170, 286, 287, 297					16 - Peace, Justice and Strong Institutions	
2-24	Embedding policy commitments	132, 150, 151, 152, 288, 290, 291				WEF 22E WEF 5		
2-25	Processes to remediate negative impacts	292, 350, 351, 352				WEF 22E WEF 5	16 - Peace, Justice and Strong Institutions	
2-26	Mechanisms for seeking advice and raising concerns	151, 350, 351				WEF 5	16 - Peace, Justice and Strong Institutions	
2-27	Compliance with laws and regulations	380, Annex 8				WEF2 WEF 5E WEF 11 WEF 17	16 - Peace, Justice and Strong Institutions	
2-28	Membership associations	Annex 12						
2-29	Approach to stakeholder engagement	108						
2-30	Collective bargaining agreements	382, 391, 392				WEF21E	8 - Decent Work and Economic Growth	

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
Material topics								
3-1	Process to determine material topics	16, 114, 116, 117				WEF 3		
3-2	List of material topics	115				WEF 3		
3-3	Management of material topics	180, 181, 182, 183, 190, 191, 201, 202, 203, 204, 205, 207, 209, 210, 211, 220, 221, 222, 223, 228, 230, 231, 236, 237, 238, 239, 240, 246, 249, 250, 251, 252, 256, 257, 259, 260, 261, 262, 264, 265, 266, 267, 268, 320, 321, 322, 323, 324, 325, 328, 365, 366, 368, 372, 393, 395, 396, 398, 400				WEF7 WEF 7E WEF 11E WEF 12E WEF 13E WEF 15 WEF 25E	3 - Good Health and Well-being 6 - Clean Water and Sanitation 7 - Affordable and Clean Energy 8 - Decent Work and Economic Growth 12 - Responsible Consumption and Production 13 - Climate Action 15 - Life on Land 16 - Peace, Justice and Strong Institutions	
General Disclosures 2016								
102-19	Delegating authority	130				WEF 2		

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
Economic Performance								
201-1	Direct economic value generated and distributed	36, 41, 43				WEF 18 WEF 21 WEF 32 WEF 32E	8 - Decent Work and Economic Growth	
201-2	Financial implications and other risks and opportunities due to climate change	188						
201-3	Defined benefit plan obligations and other retirement plans	363				WEF 18		
201-4	Financial assistance received from government	36, 41, 50				WEF 18		
Market Presence								
202-1	Ratios of standard entry level wage by gender compared to local minimum wage	356, 381				WEF 12		
202-2	Proportion of senior management hired from the local community	N.A	X	Not a material issue for the Company				
Indirect Economic Impacts								
203-1	Infrastructure investments and services supported	334, 335, 336; 341				WEF 19		
203-2	Significant indirect economic impacts	337				WEF 19		
Procurement Practices								
204-1	Proportion of spending on local suppliers	106 b. Definition of Local used for this indicator: timely, suitable and competitive procurement and/or supply of goods and services with suppliers and/or contractors domiciled in the municipality, department or region where ECOPETROL operates. c. Definition of locations with significant operations used for this indicator: Ecopetrol's operations in Colombia.				WEF 18	8 - Decent Work and Economic Growth	X
Anti-corruption								
205-1	Operations assessed for risks related to corruption	158				WEF 4	16 - Peace, Justice and Strong Institutions	
205-2	Communication and training about anti-corruption policies and procedures	154, 158				WEF 4	16 - Peace, Justice and Strong Institutions	
205-3	Confirmed incidents of corruption and actions taken	159				WEF 4	16 - Peace, Justice and Strong Institutions	

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
Anti-competitive Behavior								
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	159				WEF 4	16 - Peace, Justice and Strong Institutions	
Tax								
207-1	Approach to tax	52						
207-2	Tax governance, control, and risk management	N.A	X	Not a material issue for the Company				
207-3	Stakeholder engagement and management of concerns related to tax	N.A	X	Not a material issue for the Company				
207-4	Country-by-country reporting	N.A	X	Not a material issue for the Company				
Materials								
301-1	Materials used by weight or volume	N.A	X	Not a material issue for the Company				
301-2	Recycled input materials used	N.A	X	Not a material issue for the Company				
301-3	Reclaimed products and their packaging materials	N.A	X	Not a material issue for the Company				
Energy								
302-1	Energy consumption within the organization	253, 254, 255 *The electricity consumption reported corresponds to the consumption of the Business Group, taking into account the consumption of the subsidiaries. *Due to the fact that only electricity consumption is included, no conversion factor was used, the electricity consumption record in SAP is in KWh and according to the units requested in the MERO questions it was divided into 1,000 to obtain MWh or 1,000,000 for GWh.					7 - Affordable and Clean Energy 12 - Responsible Consumption and Production	X
302-2	Energy consumption outside of the organization	255					7 - Affordable and Clean Energy	
302-3	Energy intensity	255 The calculated energy corresponds to the electrical energy consumed within the organization					7 - Affordable and Clean Energy	X

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
302-4	Reduction of energy consumption	255 *The amount of energy reduced in joules is: 529,336,144,375,559 J *The calculation was made in accordance with ISO 50001 where it is specified that baselines must be built for each of the ESUs (Significant Energy Uses) per year; the reduction percentage is calculated by adding the reduction of each of the energy efficiency initiatives (where each of them has its own baseline) that is 147 GWh for 2022, dividing on the actual demand for each year (7232.74 GWh not including surplus generation for 2022). Note: the reported result of 5.5% is the sum of the reduction percentages from 2018 to 2022.					7 - Affordable and Clean Energy 12 - Responsible Consumption and Production	X
Water and Effluents								
303-1	Interactions with water as a shared resource	206, 208				WEF 11E	6 - Clean Water and Sanitation	
303-2	Management of water discharge-related impacts	208				WEF 11E	6 - Clean Water and Sanitation 12 - Responsible Consumption and Production	
303-3	Water withdrawal	213, 214				WEF 10	6 - Clean Water and Sanitation 12 - Responsible Consumption and Production	X
303-4	Water discharge	215, 216					6 - Clean Water and Sanitation 12 - Responsible Consumption and Production	X
303-5	Water consumption	219					6 - Clean Water and Sanitation 12 - Responsible Consumption and Production	X
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	232				WEF 9	15 - Life on Land	X
304-2	Significant impacts of activities, products and services on biodiversity	226				WEF 9	15 - Life on Land	

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
304-3	Habitats protected or restored	232;234			<p>The protected or restored areas have been approved by independent external professionals as follows: actions of compliance with environmental obligations involving hectares in conservation, restoration or reforestation are submitted to the competent environmental authority (ANLA or Regional Autonomous Corporations). Voluntary actions are carried out with external allies that may be local or international NGOs, for example Wildlife Conservation Society, Fundación Natura, The Nature Conservancy, among others.</p> <p>Ecopetrol has strategic alliances with external organizations, with which it carries out actions for the protection and restoration of habitats, working together with local communities, generating sustainable lifestyles and awareness around the conservation of biodiversity and ecosystem services. Some of the allies are TNC, WCS, Fondo Acción, Fundación Natura and Cataruben. From the obligatory point of view, the actions carried out are framed in the environmental compensation plans, management sheets, the 1% investment, among other environmental instruments.</p>		15 - Life on Land	X
304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	235					15 - Life on Land	X
Emissions								
305-1	Direct (Scope 1) GHG emissions	192, 193				WEF 7 WEF 7E	13 - Climate Action	X

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
305-2	Energy indirect (Scope 2) GHG emissions	193				WEF 7 WEF 7E	13 - Climate Action	X
		<p>Scope 2 emissions in Ecopetrol are reported by the market-based method, which includes emissions generated by energy purchased from the National Interconnected System-SIN (estimated with emission factor published by UPME Resolution 320 of 2022 -126 Kg/Mwh) and emissions generated by local generation centers (emission factors estimated with the energy generated and fuel consumption). Although Ecopetrol calculates Scope 2 emissions by the location-based method, which is estimated using the SIN emission factor for all energy purchased, it was decided to report by the market-based method, due to the behavior of the Colombian energy basket, which is mostly composed of hydroelectric energy and therefore generates less emissions than local suppliers; thus, the market-based method is the one that offers a higher result and better describes the operational reality.</p> <p>It should be emphasized that the purchase of electricity from local suppliers is favored by causes such as: location of facilities in areas with deficient national electrification, low reliability of the system or in some cases by the use of gas within the framework of the decarbonization plan.</p>						
305-3	Other indirect (Scope 3) GHG emissions	193				WEF 7 WEF 7E	13 - Climate Action	
305-4	GHG emissions intensity	196					13 - Climate Action	

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
305-5	Reduction of GHG emissions	196				WEF 7 WEF 7E	12 - Responsible Consumption and Production 13 - Climate Action	X
		*For this report, projects of the same type were grouped into 4 major programs defined in the climate change roadmap (energy efficiency, fugitive emissions and venting, optimization of flaring and renewable energies). *The reductions reported in each of the years for the four programs were estimated using the immediately preceding year as the reference year. *For energy efficiency projects, fugitive emissions and venting, optimization of flaring are scope 1 reductions and for renewable energy are scope 2 reductions.						
305-6	Emissions of ozone-depleting substances (ODS)	271					13 - Climate Action	
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	269				WEF 7E WEF 8E	3 - Good Health and Well-being 13 - Climate Action	X
Waste								
306-1	Waste generation and significant waste-related impacts	272				WEF 17E	12- Responsible Consumption and Production	
306-2	Management of significant waste-related impacts	274, 275, 276					12- Responsible Consumption and Production	X
306-3	Waste generated	277				WEF 17E	12- Responsible Consumption and Production	X
306-4	Waste diverted from disposal	277, 278				WEF 17E	12- Responsible Consumption and Production	
306-5	Waste directed to disposal	279, 280, 281, 282				WEF 17E	12- Responsible Consumption and Production	
Supplier Environmental Assessment								
308-1	New suppliers that were screened using environmental criteria	108					12- Responsible Consumption and Production	
308-2	Negative environmental impacts in the supply chain and actions taken	108				WEF 10 WEF 17	12- Responsible Consumption and Production	
Employment								
401-1	New employee hires and employee turnover	364, 374, 386, 387, 388				WEF 16 WEF 17	8 - Decent Work and Economic Growth	X

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	356, 360				WEF 18		
401-3	Parental leave	361						
Labor/Management Relations								
402-1	Minimum notice periods regarding operational changes	392					8 - Decent Work and Economic Growth 16 - Peace, Justice and Strong Institutions	
Occupational Health and Safety								
403-1	Occupational health and safety management system	405					8 - Decent Work and Economic Growth	
403-2	Hazard identification, risk assessment, and incident investigation	393, 395, 405, 406, 410, 411				WEF 15 WEF 25E	8 - Decent Work and Economic Growth	
403-3	Occupational health services	407, 416				WEF 15	8 - Decent Work and Economic Growth	
403-4	Worker participation, consultation, and communication on occupational health and safety	404						
403-5	Worker training on occupational health and safety	407, 413						
403-6	Promotion of worker health	396						
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	404						
403-8	Workers covered by an occupational health and safety management system	405, 409						
403-9	Work-related injuries	393, 407, 408, 409 *In the tables (147 and 148) the rates have been calculated per 1 000 000 hours worked. * It is clarified that workers are not excluded.				WEF 15 WEF 25E	8 - Decent Work and Economic Growth	X
403-10	Work-related ill health	409 *Results do not include injuries to non-worker/non-employee personnel. *Results include 100% of direct workers.				WEF 15 WEF 25E	8 - Decent Work and Economic Growth	X
Training and Education								
404-1	Average hours of training per year per employee	375						X
404-2	Programs for upgrading employee skills and transition assistance programs	373, 374, 389				WEF 16	4 - Quality Education	

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
404-3	Percentage of employees receiving regular performance and career development reviews	384 The performance evaluation was applied to 100% of employees who met the criteria to be evaluated during 2022 (9122 employees).						X
Diversity and Equal Opportunity								
405-1	Diversity of governance bodies and employees	123, 159, 379, 380 It is clarified that in terms of diversity in governing bodies, we have: i Gender: Jan-Oct 11% women and 89% men. Oct-Dec 22% women and 78% men ii. Age group: Jan-Oct under 30 years old 0%, between 30 and 50 years old 11%, over 50 years old 89%. Oct-Dec under 30 years 0%, between 30 and 50 years 11%, over 50 years 89%. iii. Other diversity indicators, Not applicable.				WEF 2 WEF 11 WEF 17	5 - Gender Equality	X
405-2	Ratio of basic salary and remuneration of women to men	381, 382 This indicator corresponds to Ecopetrol S.A., which has been defined as a location with significant operations in Colombia in line with Table 115 GRI 2-7 Page 355.				WEF 11 WEF12 WEF 19E	5 - Gender Equality	X
Non-discrimination								
406-1	Incidents of discrimination and corrective actions taken	305				WEF 20E	5 - Gender Equality	X
Freedom of Association and Collective Bargaining								
407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	382, 389, 391				WEF 21E	16 - Peace, Justice and Strong Institutions	
Child Labor								
408-1	Operations and suppliers at significant risk for incidents of child labor	292				WEF 14 WEF 22E	8 - Decent Work and Economic Growth	
Forced or Compulsory Labor								
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	292				WEF 14 WEF 22E	8 - Decent Work and Economic Growth	
Security Practices								
410-1	Security personnel trained in human rights policies or procedures	317, 318					16 - Peace, Justice and Strong Institutions	X
Rights of Indigenous Peoples								
411-1	Incidents of violations involving rights of indigenous peoples	291, 292, 308				WEF 22E		
Human Rights								
412-1	Operations that have been subject to human rights reviews or impact assessments	291				WEF 22E		

CODE	Indicator	Location in the Report (pg)	Omissions			Stakeholder Metrics (SM) Code	SDGs	Verified
			Omission	Reason	Explanation			
412-2	Employee training on human rights policies or procedures	105, 318				WEF 17		
412-3	Significant investment agreements and contracts that include human rights clauses or that underwent human rights screening	319						X
Local Communities								
413-1	Operations with local community engagement, impact assessments, and development programs	104, 305, 325, 342, 344				WEF 17 WEF 21E	8 - Decent Work and Economic Growth	X
413-2	Operations with significant actual and potential negative impacts on local communities	314, 345				WEF 28E	8 - Decent Work and Economic Growth	
Supplier Social Assessment								
414-1	New suppliers that were screened using social criteria	108					12 - Responsible Consumption and Production	
414-2	Negative social impacts in the supply chain and actions taken	108				WEF 10 WEF 17	12 - Responsible Consumption and Production	
Public Policy								
415-1	Political contributions	453						
Customer Health and Safety								
416-1	Assessment of the health and safety impacts of product and service categories	N.A	X	Not a material issue for the Company				
DJSI 3.5.4	Type of individual performance assesment	384						X
DJSI 1.1.3	Board Diversity	123; 124; 125;128;						X
OG-11.8.3	Process Safety Incidents (Tier 1 and Tier 2)	418;419;420;422						X

Table of indicators Financial Superintendence of Colombia (SFC)

Indicator SFC	Location in the Report (pg)	GRI
7.1.III	47	
7.4.1	23, Annex 5	
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7.4.1.1.1.I	30	
7.4.1.1.1.II	84, 86	2-6
7.4.1.1.1.III	32	
7.4.1.1.1.IV	91, 92, 93	
7.4.1.1.1.V	432, 433	
7.4.1.1.1.VII	355	2-7
7.4.1.1.2	Annex 8	2-27
7.4.1.2.1	43	
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7.4.1.2.3	41	"201-1 201-4"
7.4.1.2.4	41	"201-1 201-4"
7.4.1.3.1.I	136, 141	" 2-15 2-19 2-20"
7.4.1.3.1.IV	128, 130	2-9
7.4.1.3.1.IX	138	
7.4.1.3.1.V	130	" 2-9 102-19 2-13"
7.4.1.3.1.VII	384, 386	404-3
7.4.1.3.1.XII	48	
7.4.1.3.I	145	2-19

Indicator SFC	Location in the Report (pg)	GRI
7.4.1.3.II	121, 122, 123, 124, 125, 126, 128	" 2-9 2-10 2-12"
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7.4.1.3.X	148, 153	2-23
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VIII	140, 141	2-18
X	110, 136	
XII	136	2-15
XIII	44, 116, 351	" 3-1 2-26"
XV	180, 181, 186, 187, 188, 196, 199	" 3-3 11-1-1 11-2-2 201-1 305-5 11-2-2 11-1-7"
XVI	217, 218, 227, 270, 285, 411, 412, 413, 414, 422	
XVII	131, 132, 133, 170, 181, 290, 308, 310, 322, 345, 346, 353, 423	" 2-12 2-13 2-24 3-3 413-2 11-15-3"

Own Indicators

Indicator	Indicator name	Location in the Report (pg)	Area Responsible	Detailed description of the indicator	Definitions, Notes and Assumptions	Elements and sources of information	Variables for calculation	Formula	Unit of measure	Trend	Verified
ECP001	Circularity Maturity Level	Pg 248	VHSE	Indicates the Circularity Maturity Level obtained by the Company in the reporting period based on -the Colombian Technical Guide (GTC) 314:2020 - Framework for the implementation of the principles (6) of the circular economy in organizations.	<p>"Taking aking into account the Circularity Metrics line of action defined in the Roadmap 2050 for the implementation of the Circular Economy Model within the framework of the Ecopetrol Group's Sostechology strategy, the qualitative measurement of circularity was defined from 2021, based on the Colombian Technical Guide GTC: 314:2020.</p> <ul style="list-style-type: none">• In this sense and taking into account the flexibility of the guide, a review and adjustment was made to the questions posed in that document to be applied to a target population divided into two levels:• Level 1: professionals who have completed the basic virtual course on Circular Economy, which is active on the platform of the Ecopetrol University. The list of professionals who have completed the course is provided by Ecopetrol University directly.• Level 2: professionals with special designation in circular economy issues or with whom work on the implementation of the circular economy model of the organization. <p>According to the above, two questionnaires were prepared in Excel, the first one was built in forms for level 1 and the other one was left in Excel to conduct the interviews to the level 2 population. These questionnaires were in charge of the professionals who lead and work in the implementation of the circular economy model of the Sustainability and Decarbonization Management of the HSE Vice-Presidency.</p> <p>The request to fill out the questionnaire in Level 1 was made by e-mail sent directly from the HSE Vice-Presidency mailbox.</p> <p>For level 2, spaces were coordinated to carry out the questionnaire through interviews with the professionals defined for this level; these interviews were carried out by the professionals who lead and work in the implementation of the circular economy model of the Sustainability and Decarbonization Management of the HSE Vice-Presidency.</p> <p>Once the information was consolidated and tabulated, the level of circularity proposed by GTC 314:2020 was identified.</p> <p>The circularity maturity levels defined by Technical Guide 314:2020 are:</p> <ul style="list-style-type: none">• Level 0-Mature: Characterized by limited and/or ad-hoc actions (e.g., limited legal compliance actions);• Level 1-Basic: Initial establishment of framework and scope - active exploration of opportunities;• Level 2 - Improving (Process Improvement): Ways of working that align with Circular Economy principles;• Level 3 - Engaged: Product/service/process innovation, Aligning value proposition with Circular Economy principles;• Level 4 - Optimization: Business Model Innovation, Organizational ways of doing business and creating value in full alignment with Circular Economy principles; Level 4 - Optimization: Business Model Innovation, Organizational ways of doing business and creating value in full alignment with Circular Economy principles."	<p>Selection of the sample by levels:</p> <p>Level 1: professionals who have completed the Circular Economy virtual basic course, which is active on the Ecopetrol University platform. The list of professionals who have completed the course is provided directly by Ecopetrol University.</p> <p>Level 2: professionals with special designation in circular economy topics or with whom work on the implementation of the circular economy model of the organization.</p>	Level 1 and Level 2	<p>Through a process of data consolidation, the level is defined:</p> <ul style="list-style-type: none">• Level 0-Immature: characterized by limited and/or ad-hoc actions (e.g., limited legal compliance actions);• Level 1-Basic: Initial establishment of framework and scope - active exploration of opportunities;• Level 2 - Improving (Process Improvement): Ways of working that align with Circular Economy principles;• Level 3 - Engaged: Product/ service/process innovation, Aligning value proposition with Circular Economy principles;• Level 4 - Optimization: Business Model Innovation, Organizational ways of doing business and creating value in full alignment with Circular Economy principles; Level 4 - Optimization: Business Model Innovation, Organizational ways of doing business and creating value in full alignment with Circular Economy principles.	Levels	Positive	X

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Indicator	Indicator name	Location in the Report (pg)	Area Responsible	Detailed description of the indicator	Definitions, Notes and Assumptions	Elements and sources of information	Variables for calculation	Formula	Unit of measure	Trend	Verified
ECP006	Incident Frequency Rate N1 (IFSP N1)	Pg 421	VHSE	Measures the number of incidents involving an unplanned or uncontrolled loss of containment of any material (including non-toxic or non-flammable substances such as steam, hot condensate, nitrogen, compressed CO2 or compressed air) that have the consequences defined in the current edition of API 754 to be classified as Tier 1 ("Tier 1"), per million man-hours worked that occur in all Ecopetrol S.A. facilities (See definitions, notes and assumptions). Note: The indicator includes internal fires and explosions that cause an unplanned or uncontrolled loss of containment in the process. In other words, the loss of containment event may occur after or as a consequence of the aforementioned fire or explosion.	It is clarified that the information reported in this indicator has scope to the events of the Group. Those contained in the life sheet of indicator HSE-H-004.	1. Ecopetrol S.A. a. Incidents: HSE tool as a repository of HSE information officialized by the HSE Management. b. Hours worked Ecopetrol S.A.: <ul style="list-style-type: none">For direct workers and apprentices: information provided by the Coordination of Documentary Management and Master Data of the Shared Services Management.For contractor and subcontractor workers: information provided and loaded in the HSE tool as a repository of HSE information officialized by the HSE Management. This information will be provided directly by contractors and subcontractors with the validation of Ecopetrol's contract administrators and auditors. 2. Databases provided by Ecopetrol Group companies.	Contained in the HSE-H-004 indicator resume.	Process Safety Incident Frequency Level 1 = \sum (Process Safety Incidents per API -754 Level 1 + Process Safety Incidents in pipelines (ducts and flow lines Level 1)) X 10^6 / \sum (total man hours worked).	Contained in the HSE-H-004 indicator resume.	Negative	X
ECP029	Indicator of volume of biofuels produced and purchased	Pg 263 - Table 79	VRP	Measures the total annual volume of Diesel B2 sold from Ecopetrol's refineries, and also measures the total volume of Biodiesel B100 purchased annually at Ecopetrol's refineries.	B2: Diesel	Information provided by the Hydrocarbon Measurement Coordinations of each Refinery which is extracted from official SAP records	Volume (Blts/year) of B2 from Cartagena Refinery. Volume (Blts/year) of B2 from Barrancabermeja Refinery. Volume (Blts/year) of B100 from Cartagena Refinery. Voumen (Blts/year) of B100 from Barrancabermeja Refinery.	Volume of B2 Sold = Volume (Blts/year) of B2 from Cartagena Refinery + Volume (Blts/year) of B2 from Barrancabermeja Refinery. Volume (Blts/year) of B2 from Barrancabermeja Refinery. Volume of Biofuel Purchased = Volume (Blts/year) of B100 from Cartagena Refinery + Volume (Blts/year) of B100 from Barrancabermeja Refinery.	Barrels (blts)	Increase annually	X