

Transportadora de Gas Internacional S.A. E.S.P.

Independent limited assurance report on the 2019 Sustainability Report of  
Transportadora de Gas Internacional S.A. E.S.P. for the year ended December 31, 2019



## Independent limited assurance report on the 2019 Sustainability Report of Transportadora de Gas Internacional S.A. E.S.P. for the year ended December 31, 2019

To the General Shareholders Assembly,  
Management and Administration of Transportadora de Gas Internacional S.A. E.S.P.

April 06, 2020

We have undertaken a limited assurance engagement in respect of the selected sustainability information (hereinafter the 'Identified Sustainability Information') listed below and reported in the 2019 Sustainability Report (hereinafter the 'IS19', by its acronym in Spanish), for the period between January 1<sup>st</sup> to December 31<sup>st</sup> of 2019 (hereinafter the 'Review Period'). This engagement was conducted by a multidisciplinary team including assurance auditors and sustainability experts.

### Identified Sustainability Information

- a. The Identified Sustainability Information of the performance indicators included in Transportadora de Gas Internacional S.A. E.S.P.'s IS19 (hereinafter 'the Company') issued by the Administration, both printed and, in a PDF<sup>1</sup>, file is listed below:
  - i. Indicator GRI 201-1 Direct economic value generated and distributed.
  - ii. Indicator GRI 205-2 Communication and training about anti-corruption policies and procedures.
  - iii. Indicator GRI 205-3 Confirmed incidents of corruption and actions taken.
  - iv. Indicator GRI 302-1 Energy consumption within the organization.
  - v. Indicator GRI 303-3 Water withdrawal (v. 2018).
  - vi. Indicator GRI 304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas.
  - vii. Indicator GRI 305-1 Direct (Scope 1) GHG emissions.
  - viii. Indicator GRI 305-2 Energy indirect (Scope 2) GHG emissions.
  - ix. Indicator GRI 306-2 Waste by type and disposal method.
  - x. Indicator GRI 403-9 Work-related injuries (v. 2018).
  - xi. Indicator GRI 403-10 Work-related ill health (v. 2018).
  - xii. Indicator GRI 404-1 Average hours of training per year per employee.
  - xiii. Indicator GRI 413-1 Operations with local community engagement, impact assessments, and development programs.
  - xiv. Own indicator Savings in contracting
  - xv. Own indicator Incremental volume and market development (industry).
  - xvi. Own indicator Rate of gas Loss.
  - xvii. Own indicator Annual average of availability of pipeline transportation capacity and hours of contract's suspension by maintenance per year.

<sup>1</sup> The maintenance and integrity of the Transportadora de Gas Internacional S.A. E.S.P. (<https://www.tgi.com.co>), the repository of the pdf version of the 2019 Sustainability Report, is the responsibility of the Company's Administration. The work carried out by PwC does not include the consideration of these activities and, accordingly, PwC accepts no responsibility for any difference between the information presented on said website and the Identified Sustainability Information in the Report issued by the Administration of the Company on which said assurance was made and the conclusion was issued.



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- xviii. Own indicator Quality of service.
- b. The Company's statement, included in the IS19, regarding its accordance with the "Core" option of GRI Standards (2016) of the Global Reporting Initiative, included in the report.

Our limited assurance procedures were only performed on the Identified Sustainability Information, which respond to the assurance criteria described in Appendix I; for the year ended December 31, 2019; And we have not performed any procedure with respect to earlier periods or any other element included in IS19 and, therefore, we do not express a conclusion thereon.

### **Criteria**

The criteria used by the Company to prepare the Identified Sustainability Information, subject matter of the limited assurance, were established in accordance with GRI 2016 Standards (Global Reporting Initiative) and with the formalized procedures that, in relation to those indicators, the Management has defined as complements to that stated in the GRI, set out in Appendix I.

### **Management's Responsibility for the Identified Sustainability Information**

The Company's Administration is responsible for the preparation and presentation of the Identified Sustainability Information in accordance with the Criteria set forth in Appendix I. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of Identified Sustainability Information that is free from material misstatement, whether due to fraud or error.

### **Our Independence and Quality Control**

We have complied with the independence and ethical requirements of the Code of Ethics for Certified Public Accountants issued by the International Ethics Standards Board for Accountants, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behavior.

Our firm applies International Standard on Quality Control 1 and, accordingly, maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.



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## **Our Responsibility**

Our responsibility is to express a limited assurance conclusion on the Identified Sustainability Information based on the procedures we have performed and the evidence we have obtained. We performed our limited assurance engagement in accordance with International Standard on Assurance Engagements, for non-assurance engagements or for reviews of historical financial information, ISAE 3000 (Revised), issued by the International Auditing and Assurance Standards Board. These standards require that we plan and perform the engagement to obtain limited assurance regarding whether the Identified Sustainability Information is free from material misstatement.

A limited assurance engagement involves assessing the suitability in the specific circumstances, of the Company's use of the criteria as the basis for the preparation of the Identified Sustainability Information, assessing the risks of material misstatement of the Identified Sustainability Information whether due to fraud or error, responding to the assessed risks as necessary in the circumstances, and evaluating the overall presentation of the Identified Sustainability Information. A limited assurance engagement is substantially less in scope than a reasonable assurance in relation to both the risk assessment procedures, including an understanding of internal control, and the procedures performed in response to the assessed risks.

The procedures we performed were based on our professional judgment and included inquiries, observation processes performed, inspection of documents, and reconciliation of the relevant supporting documentation. Given the circumstances of the engagement, we performed, among others, the following procedures:

- a. Understanding of the tools used to generate, aggregate and report the Identified Sustainability Information through inquiries with those responsible for the processes listed during visits to the corporate offices of the Company in Bogotá.
- b. Substantive and detailed testing on sampled bases determined in accordance with assurance standards, on the information taken to determine the indicators subject to limited assurance by means of:
  - i. Inspection of policies and procedures established by the Company.
  - ii. Inspection of supporting documentation from both internal and external sources.
  - iii. Arithmetic calculations in accordance with formulas previously defined in the reporting criteria that are set out in the accompanying Appendix I.
  - iv. Comparison of the contents presented by the Administration in their IS19 based on that established in the "Core" option of the GRI Standards of the Global Reporting Initiative (GRI), version 2016.



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The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for, a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had we performed a reasonable assurance engagement. Accordingly, we do not express a reasonable assurance opinion about whether the Company's Identified Sustainability Information has been prepared, in all material respects, in accordance with the Criteria that are set out in Appendix I.

We believe that the evidence obtained is sufficient and appropriate to provide a basis for our limited assurance conclusion.

### **Limited Assurance Conclusion**

Based on the procedures we have performed and the evidence we have obtained, nothing has come to our attention that causes us to believe that:

1. The performance indicators included in the IS19, regarding the information that responds to the assurance criteria described in the accompanying Appendix I, are not prepared, in all material respects, in accordance with the criteria.
2. The Company's statement, included in the IS19, regarding its agreement with the "Core" option of GRI Standards of the Global Reporting Initiative; when discussing the information that responds to the assurance criteria described in the accompanying Appendix I, is not prepared, in all material respects, in accordance with said criteria.

### **Inherent Limitations**

Without qualifying our conclusion, we draw attention to the fact that:

- i. The non-financial information is subject to more inherent limitations than financial information, given both the nature and methods used to determine, calculate, sample or estimate such information. Qualitative interpretations of the relevance, materiality and accuracy of the information are subject to individual assumptions and judgments.
- ii. Our assurance is made on the Identified Sustainability Information corresponding to the year under review and, therefore, does not include information from previous years included in IS19, related to projections and future goals, or with financial information of the Company for the year under revision, unless otherwise stated in the attached Appendix I. We have not performed any work outside the agreed scope and, therefore, our conclusion is restricted to the Identified Sustainability Information that respond to the assurance criteria described in Appendix I.



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The absence of a significant body of established practice on which to draw to evaluate and measure non-financial information allows for different, but acceptable, measures and measurement techniques and which can affect comparability between entities. In addition, GHG quantification is subject to inherent uncertainty because of incomplete scientific knowledge used to determinate emission factors and the values needed to combine emissions of different gases.

#### **Restriction on use and distribution**

Our report, including the conclusion, has been prepared solely for the purpose of the Company's Administration presenting it to the Management and the General Shareholders Assembly of Transportadora de Gas Internacional S.A. E.S.P., within the context of reporting its performance and activities in the IS19. We permit the disclosure of this report in the 2019 Sustainability Report. To the fullest extent permitted by the law, we do not accept or assume responsibility to anyone other than the Company's Administration, Management and the General Shareholders Assembly of Transportadora de Gas Internacional S.A. E.S.P., for our work or this report save where terms are expressly agreed with our prior consent in writing.

*(Original in Spanish signed by:)*

Diego Henao  
Socio  
PricewaterhouseCoopers AG Ltda.

## Appendix I

The assurance criteria detailed below are suitable to the performance indicators and to the presentation statement in line with the “Core” option of the Global Reporting Initiative’s 2016 GRI Standards (Limited Assurance Objects), which were defined based on the GRI 101: Foundation (2016) document and its Topic-specific Standards (<https://www.globalreporting.org/standards/gri-standards-translations/gri-standards-spanish-translations-download-center/>), and based on the formalized procedures defined by the management in compliance with the aforementioned.

These assessment criteria are an integral part of our Independent limited assurance report report on the 2019 Sustainability Report of Transportadora de Gas Internacional S.A. E.S.P. for the year ended December 31, 2019.

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
<p><b>GRI 201-1 Direct economic value generated and distributed</b></p>	<p>The Company’s Administration included in its Sustainability Report (hereinafter “IS19” by its acronym in Spanish ) the result of the GRI indicator 201-1 “Direct economic value generated and distributed” for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter “reporting company”), for the dates between January 1 and December 31, 2019 (hereinafter the “reporting period”), taking as a source the figures of the Financial Statements, which were audited by the fiscal auditor of the reporting company, as well as the established on page 6 of the Disclosure GRI 201: Economic Performance (2016), of the Global Reporting Initiative (GRI) Standards (2016), and in line with the procedures established by the Company’s Management, as presented below:</p> <p>The direct economic value generated and distributed is defined as:</p> <p><b>Direct economic value generated</b></p> <ul style="list-style-type: none"> <li>• <b>Revenue:</b> corresponds to the figure of operational revenue and financial revenue of the reporting company, expressed in US dollars (USD). This information is extracted from the headers "Income" and "Financial income" in the section "STATEMENTS OF INCOME AND OTHER COMPREHENSIVE INCOME FOR THE PERIOD JANUARY 1st TO DECEMBER 31st OF, 2019 AND 2018", taken from the document " <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”</li> </ul>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><b>Economic value distributed</b> This value includes the following:</p> <ul style="list-style-type: none"> <li>• <b>Operational costs:</b> corresponds to the amount expressed in US dollars (USD) of operational costs excluding depreciations, amortizations, taxes and contributions within the operation, payment of wages to employees within the operation, group life insurance and relations with community. This information is calculated as follows:</li> </ul> <p><b>Operational costs</b></p> <p style="padding-left: 40px;">= sales costs – operational personal services – depreciations – amortizations – operational taxes – collective life insurance – community investment</p> <p>Where:</p> <ul style="list-style-type: none"> <li>○ <b>Cost of sales</b> = Corresponds to the amount expressed in US dollars (USD) from the header “Cost of Sales” section “ STATEMENTS OF INCOME AND OTHER COMPREHENSIVE INCOME FOR THE PERIOD JANUARY 1st TO DECEMBER 31st OF, 2019 AND 2018 ”, taken from the document “ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”.</li> <li>○ <b>Operational personal services</b> = Corresponds to the amount expressed in US dollars (USD) from the header “Personnel services” of Note 24 “COST OF SALES” in the document “ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”</li> </ul>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>○ <b>Depreciation</b> = Corresponds to the amount expressed in US dollars (USD) from the “ Depreciation” header of Note 24 “COST OF SALES” in the document “ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”.</li> <li>○ <b>Amortization</b> = Corresponds to the amount expressed in US dollars (USD) from the header “Amortization of intangibles” of Note 24 “COST OF SALES” in the document “ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ” .</li> <li>○ <b>Taxes operation</b> = Corresponds to the amount expressed in US dollars (USD) from the header " Taxes, liens and encumbrances " of Note 24 "COST OF SALES" in the document " <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”.</li> <li>○ <b>Collective life insurance</b> = Parameterized information from SAP system, from the account: 7560040000 - <i>Seguros de vida colectiva</i>, presented in US dollars (USD).</li> <li>○ <b>Community Investment</b> = Corresponds to the amount expressed in US dollars (USD) from the item “Relationships with the community - direct operations ” of Note 24 “COST OF SALES” in the document “ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”.</li> <li>● <b>Salaries and benefits:</b> corresponds to the salaries and benefits of operational and administrative employees expressed in US dollars (USD). This information is calculated as follows: <ul style="list-style-type: none"> <li><b>Salaries and benefits</b></li> <li>= <i>Administrative personal services</i> + <i>Operational personal services</i></li> <li>+ <i>Coleective life insurance</i></li> </ul> </li> </ul>	<p style="text-align: center;">N/A</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>Where:</p> <ul style="list-style-type: none"> <li>○ <b>Administrative personal services</b> = from the header “Personal services” section “STATEMENTS OF INCOME AND OTHER COMPREHENSIVE INCOME FOR THE PERIOD JANUARY 1st TO DECEMBER 31st OF, 2019 AND 2018 ”, taken from the document“ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”.</li> <li>○ <b>Operational personal services</b> = Corresponds to the amount expressed in US dollars (USD) of the header “Personnel services” of Note 24 “COST OF SALES” in the document “ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”</li> <li>○ <b>Collective life insurance</b> = Parameterized information about the SAP system of account: 7560040000 - Insurance collective life, presented in US dollars (USD).</li> </ul> <ul style="list-style-type: none"> <li>● <b>Interest payments</b> : corresponds to the payment of interest and the financial cost of the reporting company expressed in United States dollars (USD). This information is calculated as follows: <p style="text-align: center;"><i>Interest payments = Financial costs – Amortized cost</i></p> </li> </ul> <p>Where:</p> <ul style="list-style-type: none"> <li>○ <b>Financial costs</b> = from “Financial cost” ”section“ STATEMENTS OF INCOME AND OTHER COMPREHENSIVE INCOME FOR THE PERIOD JANUARY 1st TO DECEMBER 31st OF, 2019 AND 2018 ”, taken from the document“ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”.</li> </ul>	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>○ <b>Amortized cost</b> = Parameterized information from SAP system from the account: 5801310200 - Costo amortizado - deuda bonos, presented in US dollars (USD).</li> <li>● <b>Dividends:</b> corresponds to the header “Payment of dividends” section “STATEMENTS OF CASH FLOWS FOR THE PERIOD JANUARY 1st TO DECEMBER 31st OF, 2019 AND 2018”, taken from the document “ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”</li> <li>● <b>Government payments:</b> corresponds to the figure expressed in United States dollars (USD) of the taxes, contributions and income provision of the reporting company. This information is calculated as follows: <ul style="list-style-type: none"> <li><i>Government payments = Taxes and income provision + Operational Taxes</i></li> </ul> <p>Where:</p> <ul style="list-style-type: none"> <li>○ <b>Taxes and income provision</b> = from “Taxes” and “INCOME TAX - Current” section “STATEMENTS OF INCOME AND OTHER COMPREHENSIVE INCOME FOR THE PERIOD JANUARY 1st TO DECEMBER 31st OF, 2019 AND 2018”, taken from the document “ <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> . ”</li> <li>○ <b>Operational Taxes</b> = Corresponds to the amount expressed in US dollars (USD) from the header " Taxes, liens and encumbrances " of Note 24 "COST OF SALES" of the document " <a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a> ”.</li> </ul> </li> </ul>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• <b>Community Investment:</b> corresponds to the figure expressed in United States dollars (USD) of the investments in the community made by the Management of Sustainable Development. This information is calculated as follows: <ul style="list-style-type: none"> <li><i>Community Investment = OPEX community investment + CAPEX community investment</i></li> </ul> </li> </ul> <p>Where:</p> <ul style="list-style-type: none"> <li>○ <b>OPEX community investment</b> = Corresponds to the amount expressed in US dollars (USD) of the header "Relationships with the community - direct operations" of Note 24 "COST OF SALES" in the document "<a href="#">Consolidated Financial Statements for the years ended December 31, 2019 and 2018 and Statutory Auditor's Report</a>".</li> <li>○ <b>CAPEX community investment</b> = Parameterized information from SAP system from internal orders (CAPEX) 1006494 and 1006495, presented in US dollars (USD). The TRM used is the monthly average of Banco de la República, with the exception of the provisioned accounts, which use the TRM of December 31, 2019.</li> </ul> <p><b>Economic value retained</b></p> <p>This amount corresponds to the difference between the direct economic value generated and the economic value distributed, expressed in US dollars (USD).</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Financial Planning Directorate, Accounting Management and Sustainable Development Management; concerning the validation and recalculation of the formulas established in the criteria based on the information included in those sources. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the financial statements for the reporting period.</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
<p><b>GRI 205-2 Communication and training about anti-corruption policies and procedures</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish ) the result of the GRI indicator 205-2 "Communication and training about anti-corruption policies and procedures" for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of page 8 of the Disclosure GRI 205: Anti-Corruption (2016), of the Global Reporting Initiative (GRI) Standard (2016), and in line with the procedures established by the Company's Management, as presented below:</p> <p><b>a. Total number and percentage of governance body members that the organization's anti-corruption policies and procedures have been communicated to, broken down by region:</b></p> <p>Corresponds to the number of members of the Board of Directors of the reporting company that received internal communications by email regarding the Ethics and Compliance Program (PEC by its acronym in Spanish) during the reporting period, which is supported by the emails sent by the Compliance Department, with the subject "Programa Ética y Cumplimiento TGI y Adhesión al Código de Ética", to each of the members of the Board of Directors.</p> <p>The members of the Board of Directors are listed in the Excel file "<a href="#">Junta Directiva</a>".</p> <p><b>Region:</b> the members of the Board of Directors carry out their functions in Bogotá, Colombia.</p> <p>The percentage of members of the governing body to whom the reporting company's anti-corruption policies and procedures have been communicated is calculated using the following formula:</p> $\frac{\text{Total members of the Board of Directors who received emails about the PEC}}{\text{Total members of the Board of Directors}} * 100$	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><b>b. Total number and percentage of employees that the organization’s anti-corruption policies and procedures have been communicated to, broken down by employee category and region.</b></p> <ul style="list-style-type: none"> <li>• Corresponds to the number of employees of the reporting company that received internal communications by email, about the Ethics and Compliance Program (PEC by its acronym in Spanish) during the reporting period, which is supported by the emails sent by the Communications Department to all employees of the reporting company with the following subjects: “En TGI fortalecemos las buenas prácticas”, “La Voz del Tubo boletín digital   Edición #21” and “Hoy es el Día Internacional de la Lucha Contra la Corrupción”. Sending to all employees of the reporting company is validated by entering the term "Tgi_Sede_Principal" and "TGI_Planta". The evidences of these emails are provided by the Compliance Department.</li> </ul> <p>The information on the number of employees by employee category and region is extracted from the SAP system, module S_PH0_48000510 - Ad-hoc-Query, user group “<a href="#">HR: Gestión del personal (ZHC_SAPQUERY)</a>”, Query “<a href="#">ZHR_ADMIN_PERSONAL</a>”, where the following Excel is extracted “<a href="#">LISTADO EMPLEADOS A DIC2019 SIN SENAS</a>” which is administered by the Labor Relations Division, established as follows :</p> <p><b>Employee category:</b></p> <ul style="list-style-type: none"> <li>• Senior Management (includes President, Vice Presidents and Managers).</li> <li>• Middle Management (includes Directors, Leaders, Assistant Directors and Superintendents).</li> <li>• Coordination (includes Advisors, Professional Specialists, Senior Professionals and Supervisors of compression stations).</li> <li>• Execution (includes Professionals, Junior Professionals, Semi-Junior Professionals).</li> <li>• Support (including technical administrative, technical Operational, Administrative Assistants, Mechanical Helpers, Secretaries, SAP Auxiliary Technicians and Station Assistants).</li> </ul>	<p>✓</p> <p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><b>Region:</b></p> <ul style="list-style-type: none"> <li>• Barrancabermeja (includes Norean, San Alberto and Vasconia)</li> <li>• Valledupar (includes Hatonuevo, La Jagua del Pilar, Casacará and Curumani)</li> <li>• Gualanday (includes Ladybug and Padua)</li> <li>• Manizales</li> <li>• Buga</li> <li>• Paipa (includes Puente Guillermo and Miraflores)</li> <li>• Villavicencio (includes Pompeii and Paratebueno)</li> <li>• Cogua-Sabana</li> <li>• Bogota</li> </ul> <p>The percentage of employees to whom the organization's anti-corruption policies and procedures have been communicated, according to employee category and region, is established as follows:</p> <p><b>Employee category</b> is calculated with the following formula:</p> $\frac{\text{Total employees by employee category who received emails about the PEC}}{\text{Total employees by employee category}} * 100$ <p><b>Region</b> is calculated with the following formula:</p> $\frac{\text{Total employees by region who received emails about the PEC}}{\text{Total employees by region}} * 100$	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><b>c. policies and procedures have been communicated to, broken down by type of business partner and region</b></p> <ul style="list-style-type: none"> <li>• Corresponds to the number of suppliers of the reporting company that attended the Annual Meeting of Suppliers that was held in December 2019, where the information regarding the reporting company's Ethics and Compliance Program (PEC) was communicated through from the delivery of the Cardboard "Programa de Ética y Cumplimiento".</li> </ul> <p>This figure was taken from the document "<a href="#">Proveedores TGI</a>" that consolidates the total number of suppliers of the reporting company and indicates the companies that attended the event based on the document "<a href="#">Reporte Registro GEB</a>" that was sent by the outsourced company "Sphera Impacta", in charge of the registration of suppliers to the event.</p> <p><b>Region:</b> The reporting company considers Region for suppliers as the country in which they operate (Colombia).</p> <ul style="list-style-type: none"> <li>• The percentage of business partners to whom the organization's anti-corruption policies and procedures have been communicated, broken down by region, is calculated using the following formula:</li> </ul> $\frac{\text{Total suppliers by region that participated in the Annual Supplier Event}}{\text{Total suppliers by region}} * 100$ <p><b>Note:</b> The reporting company has not communicated its anti-corruption policies and procedures to any person or organization other than those mentioned in this criterion.</p>	<p>✓</p>



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><b>d. Total number and percentage of governance body members that have received training on anti-corruption, broken down by region.</b></p> <ul style="list-style-type: none"> <li>Corresponds to the number of members of the Board of Directors of the reporting company that took the virtual course " <i>Arquitectura de Control y Programa de Ética y Cumplimiento</i>" through the link " <a href="https://codigoeticatqi.info">https://codigoeticatqi.info</a>" in the reporting period. The details of the members of the Board of Directors who took these courses can be found in the Excel file "Junta Directiva" consolidated by the Compliance Department.</li> </ul> <p>The members of the Board of Directors are listed in the Excel file "<a href="#">Junta Directiva</a>".</p> <p><b>Region:</b> the members of the Board of Directors carry out their functions in Bogota, Colombia</p> <ul style="list-style-type: none"> <li>The percentage of members of the governing body that have received anti-corruption training, broken down by region, is calculated using the following formula:</li> </ul> $\frac{\text{Total members of the Board of Directors who took the virtual course on anticorruption}}{\text{Total members of the Board of Directors}} * 100$ <p>The information on the number of employees by employee category and region is extracted from the SAP system, module S_PH0_48000510 - Ad-hoc-Query, user group " <a href="#">HR: Gestión del personal (ZHC SAPQUERY)</a>", Query "<a href="#">ZHR ADMIN PERSONAL</a>", where the following Excel is extracted "<a href="#">LISTADO EMPLEADOS A DIC2019 SIN SENAS</a>", which is administered by the Labor Relations Division established as follows :</p> <p><b>Employee category:</b></p> <ul style="list-style-type: none"> <li>Senior Management (includes President, Vice Presidents and Managers).</li> <li>Middle Management (includes Directors, Leaders, Assistant Directors and Superintendents).</li> </ul>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• Coordination (includes Advisors, Professional Specialists, Senior Professionals and Supervisors of Compression Stations).</li> <li>•</li> <li>• Execution (includes Professionals, Junior Professionals, Semi-Junior Professionals).</li> </ul> <p><b>Region:</b></p> <ul style="list-style-type: none"> <li>• Barrancabermeja (includes Norean, San Alberto and Vasconia)</li> <li>• Valledupar (includes Hatonuevo, La Jagua del Pilar, Casacará and Curumaní)</li> <li>• Gualanday (includes Ladybug and Padua)</li> <li>• Manizales</li> <li>• Buga</li> <li>• Paipa (includes Puente Guillermo and Miraflores)</li> <li>• Villavicencio (includes Pompeii and Paratebueno)</li> <li>• Cagua-Sabana</li> <li>• Bogota</li> </ul> <p>The percentage of employees who have received anti-corruption training, broken down by job category and region, is established as follows:</p> <p><b>Employee category</b> is calculated with the following formula:</p> $\frac{\text{Total employees by employee category who took the virtual and / or classroom course on anti – corruption}}{\text{Total employees by employee category}} * 100$ <p><b>Region</b> is calculated with the following formula:</p> $\frac{\text{Total employees by region who took the virtual and / or classroom course on anti – corruption}}{\text{Total employees by region}} * 100$	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Compliance Department and the Labor Relations Division, concerning the validation and recalculation of the formulas established in the criteria based on the information included in those sources. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<p><b>GRI 205-3 Confirmed incidents of corruption and actions taken</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish ) the result of the GRI indicator GRI 205-3 "Confirmed incidents of corruption and actions taken", for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of the Disclosure GRI 205: Anti-Corruption (2016), of the Global Reporting Initiative Standards (GRI) (2016), and in line with the procedures established by the Company's Management, as presented below:</p> <p><b>a. Total number and nature of confirmed incidents of corruption:</b> it is understood as the number of cases that have been classified as " <i>corruption</i> " in the monthly report presented by PwC (company in charge of managing the ethical channel of the reporting company) and have been confirmed as such in the evaluation process carried out by the Committee to which the case was assigned, which is recorded in the corresponding minutes with the associated case number. The monthly reports correspond to the following documents:</p> <ul style="list-style-type: none"> <li>• <b>January:</b> "<a href="#">1. PwC Informe TGI – Ene 2019VF.pdf</a>"</li> <li>• <b>February:</b> "<a href="#">2. PwC Informe TGI – Feb 2019 VF.pdf</a>"</li> <li>• <b>March:</b> "<a href="#">3. PwC Informe TGI – marzo 2019 VF.pdf</a>"</li> <li>• <b>April:</b> "<a href="#">4. PwC Informe TGI – abril 2019.pdf</a>"</li> <li>• <b>May:</b> "<a href="#">5. Informe TGI – Mayo 2019 – 20190628.pdf</a>"</li> </ul>	<p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• <b>June:</b> <a href="#">“6. PwC Informe TGI – Junio 2019 20190715.pdf”</a></li> <li>• <b>July:</b> <a href="#">“7. Informe TGI – Julio 2019 20190815.pdf”</a></li> <li>• <b>August:</b> <a href="#">“20190913 Informe TGI Canal Ético.pdf”</a></li> <li>• <b>September:</b> <a href="#">“9. 20190913 Informe TGI Canal Ético Septiembre.pdf”</a></li> <li>• <b>October:</b> <a href="#">“10. 20191118 Informe TGI Canal Ético.pdf”</a></li> <li>• <b>November:</b> <a href="#">“11. Informe Canal Ético TGI_Noviembre.pdf”</a></li> <li>• <b>December:</b> <a href="#">“12. 20200116 Informe TGI_Diciembre.pdf”</a></li> </ul> <p>The nature of confirmed corruption cases has the following classifications according to the typology described in the internal manual "Manual Interno Administración del Canal Ético":</p> <ul style="list-style-type: none"> <li>• Bribery</li> <li>• Extortion or coercion</li> <li>• Manipulation of contractual processes and / or improper conclusion of contracts</li> <li>• Conflict of interests</li> <li>• Disabilities and incompatibilities</li> <li>• Illicit enrichment</li> <li>• Influence peddling</li> <li>• Acceptance of gifts</li> </ul> <p><b>b. The total number of confirmed cases in which an employee has been dismissed for corruption or disciplinary measures have been taken in this regard:</b> corresponds to the number of cases that have been classified as “<i>corruption</i>” in the monthly report prepared by PwC, which have subsequently been confirmed as such in the evaluation process of the Committee to which the case was assigned and have a dismissal or other disciplinary measure in this regard, which is recorded in the minutes of the corresponding Committee, with the associated case number. The monthly reports correspond to the following documents:</p>	✓

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• <b>January:</b> <a href="#">“1. PwC Informe TGI – Ene 2019VF.pdf”</a></li> <li>• <b>February:</b> <a href="#">“2. PwC Informe TGI – Feb 2019 VF.pdf”</a></li> <li>• <b>March:</b> <a href="#">“3. PwC Informe TGI – marzo 2019 VF.pdf”</a></li> <li>• <b>April:</b> <a href="#">“4. PwC Informe TGI – abril 2019.pdf”</a></li> <li>• <b>May:</b> <a href="#">“5. Informe TGI – Mayo 2019 – 20190628.pdf”</a></li> <li>• <b>June:</b> <a href="#">“6. PwC Informe TGI – Junio 2019_ 20190715.pdf”</a></li> <li>• <b>July:</b> <a href="#">“7. Informe TGI – Julio 2019_ 20190815.pdf”</a></li> <li>• <b>August:</b> <a href="#">“20190913 Informe TGI Canal Ético.pdf”</a></li> <li>• <b>September:</b> <a href="#">“9. 20190913 Informe TGI Canal Ético Septiembre.pdf”</a></li> <li>• <b>October:</b> <a href="#">“10. 20191118 Informe TGI Canal Ético.pdf”</a></li> <li>• <b>November:</b> <a href="#">“11. Informe Canal Ético TGI Noviembre.pdf”</a></li> <li>• <b>December:</b> <a href="#">“12. 20200116 Informe TGI Diciembre.pdf”</a></li> </ul> <p><b>c. Total number of confirmed incidents when contracts with business partners were terminated or not renewed due to violations related to corruption:</b> corresponds to the number of confirmed cases with suppliers of the reporting company in which contracts have been terminated or have not been renewed. If there have been confirmed cases of corruption with suppliers, they are recorded in the minutes of the Ethics and Compliance Committee.</p> <p><b>d. Public legal cases regarding corruption brought against the organization or its employees during the reporting period and the outcomes of such cases:</b> corresponds to the number of public legal cases related to corruption filed against Transportadora de Gas Internacional S.A. E.S.P. or its employees. This information is verified with an affidavit issued by the Judicial Process Directorate.</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Compliance Department and the Judicial Process Directorate, concerning the validation and recalculation of the formulas established in the criteria based on the information included in those sources. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<p><b>GRI 302-1 Energy consumption within the organization</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish ) the result of the GRI indicator 302-1 concerning the total consumption of fuels from renewable and non - renewable sources including fuel type (reported in joules or multiples) , the sale of electricity, heating, cooling and steam (reported in giga joules and watt-hours), as well as the total energy consumption within the organization, in joules or multiples. This information is reported by Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of page 6 of the Disclosure GRI 302: Energy of the Global Reporting Initiative (GRI) Standards (2016), and in line with the procedures established by the Company's Administration, as presented below:</p> <p><b>a. Total fuel consumption within the organization from non-renewable sources, in joules or multiples, and including fuel types used.</b></p> <p>Corresponds to the sum of the total volume of fuels from non-renewable sources used by the reporting company, and its report in joules or multiples, in the period from January 1, 2019 to December 31, 2019. In this sense, the reporting company includes as part of its operations the consumption of the following fuels from <b>non-renewable sources</b> :</p>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A									
	<p>• Fuel consumption in own vehicles: corresponds to the volume (in gallons) of Gasoline, Diesel and Natural Gas consumed by the vehicles with which the company operates, for the mobilization of personnel, reported in GJ. This information is reported for:</p> <table border="1" data-bbox="512 532 1617 1333"> <thead> <tr> <th data-bbox="512 532 898 565">Diesel</th> <th data-bbox="898 532 1297 565">Gasoline</th> <th data-bbox="1297 532 1617 565">Natural gas</th> </tr> </thead> <tbody> <tr> <td data-bbox="512 565 898 878"> <i>Eight (8) districts.</i> <ul style="list-style-type: none"> <li>• DI - Barrancabermeja.</li> <li>• DII - Gualanday.</li> <li>• DIII - Cogua</li> <li>• DIV - Villavicencio</li> <li>• DV - Paipa</li> <li>• DVI - Valledupar</li> <li>• DVII - Manizales</li> <li>• DVIII - Buga</li> </ul> </td> <td data-bbox="898 565 1297 878"> <i>Eight (8) districts.</i> <ul style="list-style-type: none"> <li>• DI - Barrancabermeja.</li> <li>• DII - Gualanday.</li> <li>• DIII - Cogua</li> <li>• DIV - Villavicencio</li> <li>• DV - Paipa</li> <li>• DVI - Valledupar</li> <li>• DVII - Manizales</li> <li>• DVIII - Buga</li> </ul> </td> <td data-bbox="1297 565 1617 878"> <i>Three (3) districts.</i> <ul style="list-style-type: none"> <li>• DV - Paipa</li> <li>• DVII - Manizales</li> <li>• DVIII - Buga</li> </ul> <i>Two (2) operating centers</i> <ul style="list-style-type: none"> <li>• ECG Puente Guillermo</li> <li>• ECG Norean</li> </ul> </td> </tr> <tr> <td data-bbox="512 878 898 1333"> <i>Twelve (12) operating centers</i> <ul style="list-style-type: none"> <li>• ECG Vasconia</li> <li>• ECG Casacara</li> <li>• ECG Curumaní</li> <li>• ECG Jagua del Pilar</li> <li>• ECG Hatonuevo</li> <li>• ECG Puente Guillermo</li> <li>• ECG Miraflores</li> <li>• ECG Padua</li> <li>• ECG Mariquita</li> <li>• ECG San Alberto</li> <li>• ECG Norean</li> <li>• ECG Villavicencio</li> </ul> </td> <td data-bbox="898 878 1297 1333"> <i>Eleven (11) operating centers</i> <ul style="list-style-type: none"> <li>• ECG Vasconia</li> <li>• ECG Casacara</li> <li>• ECG Curumaní</li> <li>• ECG Jagua del Pilar</li> <li>• ECG Puente Guillermo</li> <li>• ECG Padua</li> <li>• ECG Mariquita</li> <li>• ECG San Alberto</li> <li>• ECG Norean</li> <li>• ECG Paratebueno</li> <li>• ECG Villavicencio</li> </ul> </td> <td data-bbox="1297 878 1617 1333"></td> </tr> </tbody> </table>	Diesel	Gasoline	Natural gas	<i>Eight (8) districts.</i> <ul style="list-style-type: none"> <li>• DI - Barrancabermeja.</li> <li>• DII - Gualanday.</li> <li>• DIII - Cogua</li> <li>• DIV - Villavicencio</li> <li>• DV - Paipa</li> <li>• DVI - Valledupar</li> <li>• DVII - Manizales</li> <li>• DVIII - Buga</li> </ul>	<i>Eight (8) districts.</i> <ul style="list-style-type: none"> <li>• DI - Barrancabermeja.</li> <li>• DII - Gualanday.</li> <li>• DIII - Cogua</li> <li>• DIV - Villavicencio</li> <li>• DV - Paipa</li> <li>• DVI - Valledupar</li> <li>• DVII - Manizales</li> <li>• DVIII - Buga</li> </ul>	<i>Three (3) districts.</i> <ul style="list-style-type: none"> <li>• DV - Paipa</li> <li>• DVII - Manizales</li> <li>• DVIII - Buga</li> </ul> <i>Two (2) operating centers</i> <ul style="list-style-type: none"> <li>• ECG Puente Guillermo</li> <li>• ECG Norean</li> </ul>	<i>Twelve (12) operating centers</i> <ul style="list-style-type: none"> <li>• ECG Vasconia</li> <li>• ECG Casacara</li> <li>• ECG Curumaní</li> <li>• ECG Jagua del Pilar</li> <li>• ECG Hatonuevo</li> <li>• ECG Puente Guillermo</li> <li>• ECG Miraflores</li> <li>• ECG Padua</li> <li>• ECG Mariquita</li> <li>• ECG San Alberto</li> <li>• ECG Norean</li> <li>• ECG Villavicencio</li> </ul>	<i>Eleven (11) operating centers</i> <ul style="list-style-type: none"> <li>• ECG Vasconia</li> <li>• ECG Casacara</li> <li>• ECG Curumaní</li> <li>• ECG Jagua del Pilar</li> <li>• ECG Puente Guillermo</li> <li>• ECG Padua</li> <li>• ECG Mariquita</li> <li>• ECG San Alberto</li> <li>• ECG Norean</li> <li>• ECG Paratebueno</li> <li>• ECG Villavicencio</li> </ul>		✓
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Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>All 24 operation centers (8 Districts, 15 Operational Centers and 1 Administrative Center) have standardized the control support document in the “<a href="#">F-MIN-167</a>” format . The document displays information such as plate, kilometers, type of fuel, and consumption. The fuel calculation methodology is presented below:</p> <p><u>Engine gasoline</u></p> <p>For the corresponding estimates, the information is recorded in the Excel document “<a href="#">Consolidado Agua Energía Residuos Combustibles- 2019.xlsx</a>”, tab “<u>Comb. Gasolina V. P</u>”. There, the calculation is done as follows:</p> $\frac{GJ}{year} = \text{Annual Total (gal)} * \frac{3,785 \text{ liters}}{1 \text{ gal}} * \text{Engine gasoline density} \frac{kg}{liters} * \text{calorific value} \frac{MJ}{kg} * \frac{0,001 GJ}{1 MJ}$ <p>Motor gasoline density: <math>0.74 \frac{kg}{liter}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Engine gasoline calorific value: <math>45.3 \frac{MJ}{kg}</math> (FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p><u>Diesel</u></p>	



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>For the corresponding estimates, the information is recorded in the Excel document “ <a href="#">Consolidado Agua Energía Residuos Combustibles- 2019.xlsx</a>”, tab “<i>Comb. Diesel V.P.</i>”. There, the calculation is done as follows:</p> $\frac{GJ}{year} = \text{Annual total (gal)} * \frac{3,785 \text{ liter}}{1 \text{ gal}} * \text{Diesel Density} \frac{kg}{liter} * \text{calorific value} \frac{MJ}{kg} * \frac{0,001 GJ}{1 MJ}$ <p>Diesel Density: <math>0.85 \frac{kg}{liter}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Diesel calorific value: <math>43 \frac{MJ}{kg}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p><u>Natural Gas for Vehicles</u></p> <p>For the corresponding estimates, the information is recorded in the Excel document “<a href="#">Consolidado Agua Energía Residuos Combustibles- 2019.xlsx</a>”, tab “<i>Comb. Gas Natural V.P.</i>”. There, the calculation is done as follows:</p> $\frac{GJ}{year} = \text{Annual total (m}^3\text{)} * \text{calirific value} \frac{MJ}{kg} * \frac{0,001 GJ}{1 MJ}$ <p>Natural Gas for Vehicles density: <math>0.85 \frac{kg}{liter}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>Natural Gas for Vehicles calorific value: <math>35.65 \frac{MJ}{kg}</math> ( Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <ul style="list-style-type: none"> <li>• Emissions from fuel consumption in emergency power plant: corresponds to the number of gallons of fuel (Diesel) consumed by the operation from the power plant in: <ul style="list-style-type: none"> <li><i>One (1) district.</i> <ul style="list-style-type: none"> <li>• DI - Barrancabermeja.</li> </ul> </li> <li><i>Fourteen (14) operating centers</i> <ul style="list-style-type: none"> <li>• ECG Vasconia</li> <li>• ECG Casacara</li> <li>• ECG Curumaní</li> <li>• ECG Jagua del Pilar</li> <li>• ECG Hatonuevo</li> <li>• ECG Puente Guillermo</li> <li>• ECG Miraflores</li> <li>• ECG Padua</li> <li>• ECG Mariquita</li> <li>• ECG San Alberto</li> <li>• ECG Norean</li> <li>• ECG Paratebueno</li> <li>• ECG Villavicencio</li> <li>• ECG Sabana</li> </ul> </li> </ul> </li> </ul>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The operation centers (Gas Compression Stations) have standardized the control support document in the “<a href="#">F-MIN-167</a>” format. The document establishes the consumption of the generator in every month (gallons), which is reported in the invoices issued by the field supplier. For the corresponding estimates, the information is recorded in the Excel document “<a href="#">Consolidado Agua Energía Residuos Combustibles-2019.xlsx</a>”, tab “<i>Comb. ACPM P. eléctrica</i>”. There, the calculation is done as follows:</p> $\frac{GJ}{year} = \text{Annual total (gal)} * \frac{3,785 \text{ liter}}{1 \text{ gal}} * \text{Diesel density} \frac{kg}{liter} * \text{calorific value} \frac{MJ}{kg} * \frac{0,001 GJ}{1 MJ}$ <p>Diesel Density: <math>0.85 \frac{kg}{liter}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Diesel calorific value: <math>43 \frac{MJ}{kg}</math> (Sou Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p><b>b. Total fuel consumption within the organization from renewable sources, in joules or multiples, and including fuel types used.</b> The company does not report fuel consumption from renewable sources for the period under review.</p> <p><b>c. Electricity, heating, cooling and steam consumption (in joules, watt-hours or multiples), in the period from January 1, 2019 to December 31, 2019.</b></p> <p>Corresponds to the sum of the consumption of electricity, heating, cooling and steam throughout the period from January 1, 2019 to December 31, 2019. The report includes information related to:</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>Electric energy consumption: correspond to the energy consumption from the electrical network, for the locations established above, in <math>\frac{kW}{h}</math>. The calculation is done by multiplying: <math display="block">\frac{GJ}{year} = \text{Electric energy consumption} \frac{kW}{h} * \text{conversion factor} \left(\frac{GJ}{kWh}\right)</math> </li> </ul> <p>The conversion factor used based on location for Colombia corresponds to: <math>0.00360 \frac{GJ}{kWh}</math></p> <p>This information is obtained from the sum of the different sources and supported by: "<a href="#">Consolidado Agua Energía Residuos Combustibles- 2019.xlsx</a>" As well as in the respective supporting documents.</p> <p><b>d. Sale of electricity, heating, cooling and steam (reported in joules, watt-hours or multiples) in the period from January 1, 2019 to December 31, 2019.</b></p> <p>The company does not report electricity, heating, cooling and steam sales for the period under review.</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>e. <b>Total energy consumption within the organization, in joules or multiples</b></p> <p>Corresponds to the sum of total energy consumption within the organization, in joules or multiples. This information was established using the following formula:</p> $  \begin{aligned}  &\text{Total energy consumption within the organization} \\  &= \\  &\quad \text{Non-renewable fuel consumed} \\  &\quad + \\  &\quad \text{Renewable fuel consumed} \\  &\quad + \\  &\quad \text{Electricity, heating, cooling, and steam purchased for consumption} \\  &\quad + \\  &\quad \text{Self-generated electricity, heating, cooling, and steam, which are not consumed} \\  &\quad - \\  &\quad \text{Electricity, heating, cooling, and steam sold}  \end{aligned}  $ <p>The reporting company established the figures for its consumption in Giga Joules (GJ).</p> <p>f. <b>Standards, methodologies, assumptions, and/or calculation tools used:</b> corresponds to the description of the conversion factors, as well as the standards and methodologies and the selection approach used to calculate the energy consumption within the organization, as presented below:</p> <p>The methodologies, standards and assumptions for the calculation of the indicator are defined directly in each of the source documents established in this document.</p> <p>g. <b>Source of the conversion factors used:</b> corresponds to the conversion methodology established by metrics.</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Environmental Department, and the validation on a sample basis, the existence of the records of energy consumption and the recalculation of the formulas established in the criteria. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<p><b>GRI 303-3 Water withdrawal (2018)</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the GRI 303-3: Water withdrawal indicator. Water withdrawal reported by Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of page 9 of the Disclosure 303: Water and effluents (2018) of the Global Reporting Initiative (GRI) Standards, as presented below:</p> <p><b>a. Total water withdrawal from all areas (in megaliters) and a breakdown of this total by the sources established in the standard.</b></p> <p>For the calculation of the total water withdrawal data for all areas (in megaliters) and a breakdown of that total according to the sources, the following information is considered:</p> <p style="padding-left: 40px;">Underground well</p> <ul style="list-style-type: none"> <li>• DIV - Villavicencio</li> <li>• ECG Hatonuevo</li> <li>• ECG Mariquita</li> <li>• ECG Norean</li> </ul> <p style="padding-left: 40px;">Aqueduct</p> <ul style="list-style-type: none"> <li>• DI – Barrancabermeja</li> <li>• DII – Gualanday</li> </ul>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• DIII – Cogua</li> <li>• DV – Paipa</li> <li>• DVI – Valledupar</li> <li>• DVII – Manizales</li> <li>• DVIII – Buga</li> <li>• ECG Miraflores</li> <li>• ECG Padua</li> <li>• ECG Sabana</li> <li>• Sede Bogotá</li> </ul> <p>The formula established for the indicator reported corresponds to:</p> $\text{Water consumption (ML)} = \text{underground well water (ML)} + \text{aqueduct water (ML)}$ <p>For the corresponding estimates, the information is recorded in the documents corresponding to:</p> <p>Underground well: The source document of information corresponds to the Environmental Compliance Reports (Informes de Cumplimiento Ambiental - ICA), by project, as well as the report of the meter registry, compiled by field professionals in the established format, identified with the code “ <a href="#">FASI 143</a>”.</p> <p>Aqueduct: Water consumption bills, issued by the Aqueduct and Sewer company of the respective municipality.</p>	✓

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><b>b. Total water withdrawal from all areas with water stress in megaliters and breakdown of this total by the following sources :</b></p> <p>According to the standard (2018), it is defined as:</p> <p><b>Water stress:</b> ability, or lack thereof, to meet the human and ecological demand for water</p> <p>Note 1: Water stress can refer to the availability, quality, or accessibility of water.</p> <p>Note 2: Water stress is based on subjective elements and is assessed differently depending on societal values, such as the suitability of water for drinking or the requirements to be afforded to ecosystems.</p> <p>Note 3: Water stress in an area may be measured at catchment level at a minimum.</p> <p>Note 4: This definition comes from the CEO Water Mandate, Corporate Water Disclosure Guidelines, 2014</p> <p>In this sense, the company performs the corresponding validation on the Water Resource Information System (SIRH) platform, by locating the points where the Gas Compressor Stations and the district that have a water concession permit are located; and consult the following bases to identify the extraction points in areas of water stress:</p> <ul style="list-style-type: none"> <li>• WWF Water Risk Filter ( <a href="https://waterriskfilter.panda.org/">https://waterriskfilter.panda.org/</a> ): the following documents were validated: <ul style="list-style-type: none"> <li>" <a href="#">Water Risk Filter - Map Colombia.pdf</a>"</li> <li>"<a href="#">Country Profile Colombia.pdf</a>"</li> <li>"<a href="#">Water Stress Country Profile Colombia.png</a>"</li> </ul> </li> </ul>	<p>✓</p>



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>Interactive Atlas of Water Risk Atlas ( <a href="https://www.wri.org/resources/maps/aqueduct-water-risk-atlas">https://www.wri.org/resources/maps/aqueduct-water-risk-atlas</a> ) the documents corresponding to:</p> <p><a href="#">“aqueduct location consultation.pdf”</a>  <a href="#">“aqueduct_v1_20200304_1816.csv”</a>  <a href="#">“Water Stress Hatonuevo, La Guajira, Colombia.png”</a>  <a href="#">“Water Stress Mariquita, Tolima, Colombia.png”</a>  <a href="#">“Water Stress Norean, Cesar, Colombia.png”</a>  <a href="#">“Water Stress Villavicencio, Meta, Colombia.png”</a>  <a href="#">“WSI CO.kmz”</a></p> <p>The calculation corresponds to the sum of the total water withdrawn in m<sup>3</sup> from the compressor stations located in areas of water stress.</p> <p><b>c. A breakdown of total water withdrawal from each of the sources listed in Disclosures 303-3-a and 303-3-b in megaliters by the following categories:</b></p> <ul style="list-style-type: none"> <li>a. Freshwater (≤1,000 mg/L Total Dissolved Solids);</li> <li>b. Other water (&gt;1,000 mg/L Total Dissolved Solids).</li> </ul> <p>In relation to the breakdown of the total withdrawal of water from each of the sources, according to the categories established in the criteria, it is established:</p> <p style="padding-left: 40px;">Total established sources: fresh water (≤1,000 mg/L Total Dissolved Solids)  Other waters (&gt;1,000 mg/L Total Dissolved Solids): N / A.</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Environmental Department, and the validation on a sample basis, the existence of the records of water withdrawal and the recalculation of the formulas established in the criteria. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	✓

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
<b>GRI 304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas</b>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the GRI 304-1 corresponding to the information related to operations sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas reported by Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of page 7 of the Disclosure 304: Biodiversity (2016) of the Global Reporting Initiative (GRI) Standards (2016), as presented below:</p> <p>For the calculation of the indicator, the company considers sixteen (16) projects (files) determining their proximity to the areas of the National System of Protected Areas, through the official information provided by the National Agency for Environmental Licenses (Agencia Nacional de Licencias Ambientales, hereinafter ANLA) in the document "<a href="#">Red TGI Expedientes Ent territoriales.pdf</a>". The reference projects are:</p> <ul style="list-style-type: none"> <li>• LAM0034</li> <li>• LAM0054</li> <li>• LAM0069</li> <li>• LAM0138</li> <li>• LAM0230</li> <li>• LAM0278</li> <li>• LAM0299</li> <li>• LAM0510</li> <li>• LAM0548</li> <li>• LAM0951</li> <li>• LAM1063</li> <li>• LAM1428</li> <li>• LAM1461</li> <li>• LAM2501</li> <li>• LAV0003-12</li> </ul>	<p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>For the specific report of the indicator, the following projects are considered:</p> <ul style="list-style-type: none"> <li>• LAM0034</li> <li>• LAM0054</li> <li>• LAM0069</li> </ul> <p>In line with the above and considering the rights of way that the project layouts have are narrow (approx. 20 meters), the zoning of protected areas at the national level is determined. For the above, the calculation of the indicator is performed as follows:</p> <p><i>i. Location of the project</i> : the georeferencing of the projects is found in the Environmental Compliance Reports (ICA) presented to the Environmental Authority, as well as in the geographic reference bases of the projects.</p> <p><i>ii. Subsurface and underground land that may be owned, leased or be managed by the organization</i>: the lands considered for the report of the indicator correspond to the properties through which the gas pipelines pass and where the gas compression substation is located, and which are operated through easement agreements with the owners (-a figure of lease-).</p> <p><i>iii. Position with respect to the protected area or areas of high biodiversity value outside protected areas</i>: all the projects are located adjacent to the protected areas, that is, in the buffer zones of ecosystems. These areas are of very low biodiversity as they are intervened areas and relict vegetation predominantly secondary.</p> <p><i>iv. Operation type</i>: gas transportation projects (gas pipelines) and energy compression substation.</p> <p><i>v. Operations center size in km<sup>2</sup></i>: The size of the gas transportation lines is defined in the environmental compliance reports.</p> <p>To determine the value of biodiversity, the company considers the information corresponding to the characterization determined by the National System of Protected Areas, as well as by the Environmental Authorities and by lists of protected character. Likewise, the information related to flora and fauna is registered by the Company in 16 files presented to ANLA. In the studies, which date from the initial configuration of the projects (+ 20 years), it is reported if there are species in any category of protection.</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The source for the information reported in relation to the National System of Protected Areas (SINAP), corresponds to :  El Registro Único Nacional de Áreas Protegidas: herramienta virtual creada por el Decreto 2372 de (accessed at <a href="https://www.arcgis.com/apps/opsdashboard/index.html#/ec3435bb4d814eadba32d35f24af4109">https://www.arcgis.com/apps/opsdashboard/index.html#/ec3435bb4d814eadba32d35f24af4109</a> ).  Herramienta del Sistema de Información Geográfica ArcGis: superposición de capas RUNAP y RED TGI) (accessed at: <a href="https://www.arcgis.com/home/webmap/viewer.html?layers=809ebbe8338b4cb08c391939528d0ce7">https://www.arcgis.com/home/webmap/viewer.html?layers=809ebbe8338b4cb08c391939528d0ce7</a> )</p> <p>The company does not have any future projects formally announced or licensed.</p> <p>For the consolidation of the indicator, the company's Environmental Department prepared the document "<a href="#">191213 Gestión Biodiversidad TGI 2019 finales</a>". The source information is found in the <i>document "Áreas Protegidas TGI.pdf"</i>; in the ANLA files for each of the projects and in the Environmental Compliance Reports (ICA) presented to the Environmental Authority, as well as the geographic reference bases of the projects.</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Environmental Department, the validation on a sample basis, the existence of the records concerning operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<b>GRI 305-1 Direct (Scope 1) GHG emissions</b>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the GRI indicator 305-1 concerning the gross value of direct emissions of GHG Scope 1 (reported in metric tons of CO2 equivalent), generated by Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of page 7 of the Disclosure 305-Emissions (2016) of the Global Reporting Initiative (GRI) Standards (2016), as presented below:</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><b>a. Gross direct (Scope 1) GHG emissions in metric tons of CO2 equivalent</b></p> <p>Corresponds to the sum of the gross direct emissions generated by the company in the period from January 1, 2019 to December 31, 2019, from the following sources (owned by the reporting company), in metric tons of CO2 equivalent. In this sense, it is considered:</p> <p><b>Process emissions:</b></p> <ul style="list-style-type: none"> <li>• <b>Fugitive emissions: natural gas venting (ruptures and major maintenances):</b> the calculation is made by estimating fugitive emissions from the venting of natural gas methane (CH<sub>4</sub>) emitted as a consequence of ruptures and major maintenances to gas pipelines. This estimate is made by the Operations Management Control Center and sent to the Environmental Department, using a unified format identified with the code "<a href="#">PMIN-08-F-1 - Estimación de gas no contabilizado.pfd</a>". In this format the following information is presented: date, time, pipeline identification and geographic location information; as well as the case of analysis and the information required for the estimation. The information from these formats is recorded in the table "<i>Gas Venteado a la Atmosfera</i>" for each of the following documents respectively: <ul style="list-style-type: none"> <li>▪ <a href="#">Emisiones Enero 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Febrero 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Marzo 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Abril 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Mayo 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Junio 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Julio 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Agosto 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Septiembre 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Octubre 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Noviembre 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Diciembre 2019.xlsx</a></li> </ul> </li> </ul>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>Once the information is received, it is registered in the "<a href="#">consolidado emisiones 2019.xlsx</a>" page "<a href="#">datos emisiones</a>".</p> <p>The information from the consolidation is merged to the Excel "<a href="#">F-ASI-173 Reporte (GEI)- 2019 rev.xlsx</a>", tab "<a href="#">Scope 1- (año)</a>" in which the respective estimates and calculations are made.</p> <p>These calculations initially correspond to the conversion of the units of the data registered in KPC to <math>m^3</math>. For this, the conversion factor stipulated in the tab "<a href="#">Conversión KPC a M3</a>" of the aforementioned document is used, which corresponds to:</p> $1 \text{ KPC} = 28,32 \text{ m}^3$ <p>Then, the information reported in each of the documents is consolidated month by month in <math>m^3</math>, the accumulated amount per year is established (<math>m^3</math>) to perform the respective calculation of <math>Ton \frac{CH_4}{year}</math>. Thus:</p> $Ton \frac{CH_4}{year} = \text{Annual total (m}^3\text{)} * CH_4 \text{Percentage in Natural Gas (\%)} * \frac{1000 \text{ l}}{1 \text{ m}^3} * \text{Density} \left( \frac{kg}{l} \right) * \frac{1 \text{ ton}}{1000 \text{ kg}}$ <p>The <math>CH_4</math>Percentage in Natural Gas corresponds to 85% (Source: Análisis cromatográfico gas en CCG TGI 2018).</p> <p>The Natural gas density corresponds to <math>0.81 \left( \frac{kg}{l} \right)</math> (Source: Análisis cromatográfico gas en CCG TGI 2018).</p> <p>Once this value is obtained, the emissions in tons of <math>CO_2</math> equivalent are calculated</p> $Ton \frac{CO_2 eq.}{year} = Ton \frac{CH_4}{year} * \frac{1000 \text{ kg}}{1 \text{ ton } CH_4} * GWP \text{ } CH_4 \text{ (kg } CO_2 \text{ equivalent.)} * \frac{1 \text{ Ton } CO_2 \text{ equivalent.}}{1000 \text{ kg } CO_2 \text{ equivalent.}}$	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The global warming potential (GWP) corresponds to</p> $GWP CH_4 (kg CO_2 equivalent.) = 28$ <p>Source: IPCC 2014, Fifth Assessment Report.</p> <p>This tool is previously configured to establish the corresponding data in <i>Ton CO<sub>2</sub> equivalent.</i></p> <ul style="list-style-type: none"> <li>• <b>Fugitive emissions: burning of engine fuel, pilot gas and gas flare.</b> Corresponds to the consumption of natural gas in engines (fuel in City Gate heaters) and burning of pilot gas and gas flare .</li> </ul> <p><b><i>Burning Pilot Gas and gas flare and Fuel in City Gate Heaters</i></b></p> <p>These estimates are made using flow meters in the field and are taken on site by the operator of the work center and consolidated by the Control Center of the Operations Management. This information is consolidated month by month in KPC for the compressor stations of:</p> <ul style="list-style-type: none"> <li>• ECG Hato Nuevo</li> <li>▪ ECG Jagua del Pilar</li> <li>▪ ECG Casacara</li> <li>▪ ECG Curumani</li> <li>▪ ECG Norean</li> <li>▪ ECG San Alberto</li> <li>▪ ECG Barrancabermeja</li> <li>▪ ECG Vasconia</li> <li>▪ ECG Mariquita</li> <li>▪ ECG Padua</li> <li>▪ ECG Miraflores</li> <li>▪ ECG Puente Guillermo</li> <li>▪ ECG Parate Bueno</li> <li>▪ ECG Villavicencio</li> </ul>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
I	<p>In each of the following documents respectively:</p> <ul style="list-style-type: none"> <li>▪ <a href="#">Emisiones Enero 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Febrero 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Marzo 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Abril 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Mayo 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Junio 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Julio 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Agosto 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Septiembre 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Octubre 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Noviembre 2019.xlsx</a></li> <li>▪ <a href="#">Emisiones Diciembre 2019.xlsx</a></li> </ul> <p>Once the information is received, it is registered in the document <a href="#">“consolidado emisiones 2019.xlsx”</a> page <a href="#">“datos quema”</a>.</p> <p>For the corresponding estimates, the information is recorded in the Excel document <a href="#">“F-ASI-173 Reporte (GEI)- 2019 rev.xlsx”</a>, tab <a href="#">“Scope 1- (año)”</a></p> <p>These calculations initially correspond to the conversion of the units of the data registered in KPC to <math>m^3</math>. For this, the conversion factor stipulated in the <a href="#">“Conversión KPC a M3”</a> tab of the aforementioned document is used, which corresponds to:</p> $1 \text{ KPC} = 28,32 \text{ m}^3$	



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>Then, the information reported in each of the documents is consolidated month by month in <math>m^3</math>, and the accumulated amount per year is established (<math>m^3</math>) to perform the respective calculation of <math>Ton \frac{gas}{year}</math>.</p> <p>Thus:</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{CO_2}{year}</math></li> </ul> $Ton \frac{CO_2}{year} = \text{Annual total } (m^3) * \text{calorific value } \left( \frac{MJ}{kg} \right) * \frac{1 TJ}{1000000 MJ} * \frac{kg CO_2}{TJ} * \frac{1 ton}{1000 kg}$ <p>Calorific value of Natural Gas: <math>35,65 \frac{MJ}{kg}</math> (Source: : FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Conversion factor to kg of <math>CO_2</math> <math>55539.08 \frac{kg CO_2}{TJ}</math> ( Source FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{CH_4}{year}</math></li> </ul> $Ton \frac{CH_4}{year} = \text{Annual total } (m^3) * \text{calorific value } \left( \frac{MJ}{kg} \right) * \frac{1 TJ}{1000000 MJ} * \frac{kg CH_4}{TJ} * \frac{1 ton}{1000 kg}$ <p>Calorific value of Natural Gas: <math>35,65 \frac{MJ}{kg}</math> (Source: : FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>Conversion factor to kg of <math>CH_4</math>: 3 (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{N_2O}{año}</math></li> </ul> $Ton \frac{N_2O}{year} = Annual\ total\ (m^3) * calorific\ value\ \left(\frac{MJ}{kg}\right) * \frac{1\ TJ}{1000000\ MJ} * \frac{kg\ N_2O}{TJ} * \frac{1\ ton}{1000\ kg}$ <p>Calorific value of Natural Gas: <math>35.65 \frac{MJ}{kg}</math> (Source: : FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Conversion factor to kg of <math>N_2O</math>: 0.10 (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p> <p>Once this value is obtained, the emissions in tons of <math>CO_2\ equivalent.</math> is calculated:</p> $Ton \frac{CO_2\ eq.}{year} = Ton \frac{CO_2}{year} + Ton \frac{CH_4}{year} * GWP\ CH_4\ (kg\ CO_2\ equivalent.) * Ton \frac{N_2O}{year} * GWP\ N_2O\ (kg\ CO_2\ equivalent.)$ <p>The global warming potential (GWP) corresponds to</p> $GWP\ CH_4\ (kg\ CO_2\ equivalent.) = 28$ $GWP\ N_2O\ (kg\ CO_2\ equivalent.) = 265$ <p>Source: IPCC 2014, Fifth Assessment Report.</p>	<p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A									
	<p>This tool is previously configured to establish the corresponding data in <i>Ton CO<sub>2</sub> equivalent</i>.</p> <ul style="list-style-type: none"> <li><b>Emissions from fuel consumption in vehicles:</b> correspond to those generated by the consumption of Gasoline, Diesel and Natural Gas in the vehicles with which the company operates, for the mobilization of personnel. This information is reported for: <table border="1" data-bbox="527 553 1593 1377"> <thead> <tr> <th data-bbox="527 553 879 586">Diesel</th> <th data-bbox="879 553 1278 586">Gasoline</th> <th data-bbox="1278 553 1593 586">Natural gas</th> </tr> </thead> <tbody> <tr> <td data-bbox="527 586 879 878"> <i>Eight (8) districts.</i> <ul style="list-style-type: none"> <li>DI – Barrancabermeja.</li> <li>DII – Gualanday.</li> <li>DIII – Cogua</li> <li>DIV – Villavicencio</li> <li>DV – Paipa</li> <li>DVI – Valledupar</li> <li>DVII – Manizales</li> <li>DVIII – Buga</li> </ul> </td> <td data-bbox="879 586 1278 878"> <i>Eight (8) districts.</i> <ul style="list-style-type: none"> <li>DI – Barrancabermeja.</li> <li>DII – Gualanday.</li> <li>DIII – Cogua</li> <li>DIV – Villavicencio</li> <li>DV – Paipa</li> <li>DVI – Valledupar</li> <li>DVII – Manizales</li> <li>DVIII – Buga</li> </ul> </td> <td data-bbox="1278 586 1593 878"> <i>Three (3) districts.</i> <ul style="list-style-type: none"> <li>DV – Paipa</li> <li>DVII – Manizales</li> <li>DVIII – Buga</li> </ul> <i>Two (2) operating centers</i> <ul style="list-style-type: none"> <li>ECG Puente Guillermo</li> <li>ECG Norean</li> </ul> </td> </tr> <tr> <td data-bbox="527 878 879 1377"> <i>Twelve (12) operating centers</i> <ul style="list-style-type: none"> <li>ECG Vasconia</li> <li>ECG Casacara</li> <li>ECG Curumaní</li> <li>ECG Jagua del Pilar</li> <li>ECG Hatonuevo</li> <li>ECG Puente Guillermo</li> <li>ECG Miraflores</li> <li>ECG Padua</li> <li>ECG Mariquita</li> <li>ECG San Alberto</li> <li>ECG Norean</li> <li>ECG Villavicencio</li> </ul> </td> <td data-bbox="879 878 1278 1377"> <i>Eleven (11) operating centers</i> <ul style="list-style-type: none"> <li>ECG Vasconia</li> <li>ECG Casacara</li> <li>ECG Curumaní</li> <li>ECG Jagua del Pilar</li> <li>ECG Puente Guillermo</li> <li>ECG Padua</li> <li>ECG Mariquita</li> <li>ECG San Alberto</li> <li>ECG Norean</li> <li>ECG Paratebueno</li> <li></li> <li>ECG Villavicencio</li> <li>ECG Villavicencio</li> </ul> </td> <td data-bbox="1278 878 1593 1377"></td> </tr> </tbody> </table> </li> </ul>	Diesel	Gasoline	Natural gas	<i>Eight (8) districts.</i> <ul style="list-style-type: none"> <li>DI – Barrancabermeja.</li> <li>DII – Gualanday.</li> <li>DIII – Cogua</li> <li>DIV – Villavicencio</li> <li>DV – Paipa</li> <li>DVI – Valledupar</li> <li>DVII – Manizales</li> <li>DVIII – Buga</li> </ul>	<i>Eight (8) districts.</i> <ul style="list-style-type: none"> <li>DI – Barrancabermeja.</li> <li>DII – Gualanday.</li> <li>DIII – Cogua</li> <li>DIV – Villavicencio</li> <li>DV – Paipa</li> <li>DVI – Valledupar</li> <li>DVII – Manizales</li> <li>DVIII – Buga</li> </ul>	<i>Three (3) districts.</i> <ul style="list-style-type: none"> <li>DV – Paipa</li> <li>DVII – Manizales</li> <li>DVIII – Buga</li> </ul> <i>Two (2) operating centers</i> <ul style="list-style-type: none"> <li>ECG Puente Guillermo</li> <li>ECG Norean</li> </ul>	<i>Twelve (12) operating centers</i> <ul style="list-style-type: none"> <li>ECG Vasconia</li> <li>ECG Casacara</li> <li>ECG Curumaní</li> <li>ECG Jagua del Pilar</li> <li>ECG Hatonuevo</li> <li>ECG Puente Guillermo</li> <li>ECG Miraflores</li> <li>ECG Padua</li> <li>ECG Mariquita</li> <li>ECG San Alberto</li> <li>ECG Norean</li> <li>ECG Villavicencio</li> </ul>	<i>Eleven (11) operating centers</i> <ul style="list-style-type: none"> <li>ECG Vasconia</li> <li>ECG Casacara</li> <li>ECG Curumaní</li> <li>ECG Jagua del Pilar</li> <li>ECG Puente Guillermo</li> <li>ECG Padua</li> <li>ECG Mariquita</li> <li>ECG San Alberto</li> <li>ECG Norean</li> <li>ECG Paratebueno</li> <li></li> <li>ECG Villavicencio</li> <li>ECG Villavicencio</li> </ul>		
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Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>All 24 operation centers (8 Districts, 15 Operational Centers and 1 Administrative Center) have standardized the control support document in the “<a href="#">F-MIN-167</a>” format . The document displays information such as plate, kilometers, type of fuel, and consumption. The fuel calculation methodology is presented below:</p> <p><u>Engine gasoline</u></p> <p>For the corresponding estimates, the information is recorded in the Excel document “<a href="#">F-ASI-173 Reporte (GEI)- 2019 rev.xlsx</a>”, tab “<u>Scope 1- (año)</u>”. Once there, the gas calculation is carried out, as follows:</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{CO_2}{año}</math></li> </ul> $Ton \frac{CO_2}{year} = \text{Annual total (gal)} * \% \text{ biofuels} * \frac{3,785 \text{ liters}}{1 \text{ gal}} * \text{engine gasoline density} \frac{kg}{liter} * \text{calorific value} \frac{MJ}{kg} * \frac{1 TJ}{1000000 MJ} * \text{emission factor} \left( \frac{kg CO_2}{TJ} \right) * \frac{1 Ton}{1000 kg}$ <p>Biofuels Percentage: 10%</p> <p>Engine gasoline density: <math>0.74 \frac{kg}{liter}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Calorific value of engine gasoline: <math>45.33 \frac{MJ}{kg}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>Emission factor <math>CO_2</math>: <math>69323,686 \frac{kg CO_2}{TJ}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{CH_4}{year}</math></li> </ul> $Ton \frac{CH_4}{year} = Annual\ total\ (gal) * \% \text{ biofuels} * \frac{3,785\ liters}{1\ gal} * engine\ gasoline\ density \frac{kg}{liter} * calorific\ value \frac{MJ}{kg} * \frac{1\ TJ}{1000000\ MJ} * emission\ factor \left( \frac{kg\ CH_4}{TJ} \right) * \frac{1\ Ton}{1000\ kg}$ <p>Emission factor <math>CH_4</math>: <math>10 \frac{kg CO_2}{TJ}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{N_2O}{year}</math></li> </ul> $Ton \frac{N_2O}{year} = Annual\ total\ (gal) * \% \text{ biofuels} * \frac{3,785\ liters}{1\ gal} * engine\ gasoline\ density \frac{kg}{liter} * calorific\ value \frac{MJ}{kg} * \frac{1\ TJ}{1000000\ MJ} * emission\ factor \left( \frac{kg\ N_2O}{TJ} \right) * \frac{1\ Ton}{1000\ kg}$ <p>Emission factor <math>N_2O</math>: <math>0.60 \frac{kg N_2O}{TJ}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. 2006 IPCC Guidelines for National Greenhouse Gas Inventories).</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><u>Diesel</u></p> <p>For the corresponding estimates, the information is recorded in the Excel document "<a href="#">F-ASI-173 Reporte (GEI)- 2019 rev.xls</a>", tab "<u>Scope 1- (año)</u>". Once there, the gas calculation is carried out, as follows:</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{CO_2}{year}</math></li> </ul> $Ton \frac{CO_2}{year} = \text{Annual total (gal)} * \% \text{ biofuels} * \frac{3,785 \text{ liters}}{1 \text{ gal}} * \text{diesel density} \frac{kg}{liter} * \text{calorific value} \frac{MJ}{kg} * \frac{1 \text{ TJ}}{1000000 \text{ MJ}} * \text{emission factor} \left( \frac{kg \text{ CO}_2}{TJ} \right) * \frac{1 \text{ Ton}}{1000 \text{ kg}}$ <p>Diesel Density: <math>0.85 \frac{kg}{liter}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Diesel calorific value: <math>43 \frac{MJ}{kg}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Emission factor <math>CO_2</math>: <math>74193 \frac{kg \text{ CO}_2}{TJ}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{CH_4}{year}</math></li> </ul>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	$Ton \frac{CH_4}{year} = \text{Annual total (gal)} * \% \text{ biofuels} * \frac{3,785 \text{ liters}}{1 \text{ gal}} * \text{diesel density} \frac{kg}{liter} * \text{calorific value} \frac{MJ}{kg} * \frac{1 \text{ TJ}}{1000000 \text{ MJ}} * \text{emission factor} \left( \frac{kg \text{ CH}_4}{TJ} \right) * \frac{1 \text{ Ton}}{1000 \text{ kg}}$ <p>Emission factor <math>CH_4</math>: <math>10 \frac{kg \text{ CO}_2}{TJ}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{N_2O}{year}</math></li> </ul> $Ton \frac{N_2O}{year} = \text{Annual total (gal)} * \% \text{ biofuels} * \frac{3,785 \text{ liters}}{1 \text{ gal}} * \text{diesel density} \frac{kg}{liter} * \text{calorific value} \frac{MJ}{kg} * \frac{1 \text{ TJ}}{1000000 \text{ MJ}} * \text{emission factor} \left( \frac{kg \text{ N}_2\text{O}}{TJ} \right) * \frac{1 \text{ Ton}}{1000 \text{ kg}}$ <p>Emission factor <math>N_2O</math>: <math>0.60 \frac{kg \text{ N}_2\text{O}}{TJ}</math> (Source: : GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><u>Natural Gas for Vehicles</u></p> <p>For the corresponding estimates, the information is recorded in the Excel document "<a href="#">F-ASI-173 Reporte (GEI)- 2019 rev.xlsx</a>", tab "<u>Scope 1- (año)</u>". Once there, the gas calculation is carried out, as follows:</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{CO_2}{year}</math></li> </ul> $Ton \frac{CO_2}{year} = \text{Annual total } (m^3) * \frac{1000 \text{ lt}}{1(m^3)} * \text{natural gas density } \frac{kg}{liter} * \text{calorific value } \frac{MJ}{kg} * \frac{1 \text{ TJ}}{1000000 \text{ MJ}}$ $* \text{emission factor } \left( \frac{kg \text{ CO}_2}{TJ} \right) * \frac{1 \text{ Ton}}{1000 \text{ kg}}$ <p>Vehicle Natural Gas Density: <math>0.85 \frac{kg}{liter}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Calorific value of Natural Gas for Vehicles: <math>35.65 \frac{MJ}{kg}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Emission factor <math>CO_2</math>: <math>55539.08 \frac{kg \text{ CO}_2}{TJ}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p>	



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• <math>Ton \frac{CH_4}{year}</math></li> </ul> $Ton \frac{CH_4}{year} = \text{Annual total (m}^3) * \frac{1000 \text{ lt}}{1(\text{ m}^3)} * \text{natural gas density} \frac{\text{kg}}{\text{liter}} * \text{calorific value} \frac{\text{MJ}}{\text{kg}} * \frac{1 \text{ TJ}}{1000000 \text{ MJ}}$ $* \text{emission factor} \left( \frac{\text{kg CH}_4}{\text{TJ}} \right) * \frac{1 \text{ Ton}}{1000 \text{ kg}}$ <p>Emission factor <math>CH_4</math>: <math>3 \frac{\text{kg CO}_2}{\text{TJ}}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{N_2O}{year}</math></li> </ul> $Ton \frac{N_2O}{year} = \text{Annual total (m}^3) * \text{calorific value} \frac{\text{MJ}}{\text{kg}} * \frac{1 \text{ TJ}}{1000000 \text{ MJ}} * \text{emission factor} \left( \frac{\text{kg N}_2\text{O}}{\text{TJ}} \right) * \frac{1 \text{ Ton}}{1000 \text{ kg}}$ <p>Emission factor <math>N_2O</math>: <math>0.10 \frac{\text{kg N}_2\text{O}}{\text{TJ}}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• <b>Emissions from fuel consumption in emergency power plant</b> : corresponds to the number of gallons of fuel (Diesel) consumed by the operation of the power plant in:  <i>One (1) district.</i> <ul style="list-style-type: none"> <li>• DI - Barrancabermeja.</li> </ul> <i>Fourteen (14) operating centers</i> <ul style="list-style-type: none"> <li>• ECG Vasconia</li> <li>• ECG Casacara</li> <li>• ECG Curumaní</li> <li>• ECG Jagua del Pilar</li> <li>• ECG Hatonuevo</li> <li>• ECG Puente Guillermo</li> <li>• ECG Miraflores</li> <li>• ECG Padua</li> <li>• ECG Mariquita</li> <li>• ECG San Alberto</li> <li>• ECG Norean</li> <li>• ECG Paratebueno</li> <li>• ECG Villavicencio</li> <li>• ECG Sabana</li> </ul> </li> </ul> <p>The operation centers (Gas Compression Stations) have standardized the control support document in the "<a href="#">F-MIN-167</a>" format . The document establishes the consumption of the generator in the month (gallons), which is reported in the invoices issued by the field supplier. For the corresponding estimates, the information is recorded in the Excel document "<a href="#">F-ASI-173 Reporte (GEI)- 2019 rev.xlsx</a>", tab "<u>Scope 1- (year)</u>". Once there, the gas calculation is carried out, as follows:</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• <math>Ton \frac{CO_2}{year}</math></li> </ul> $Ton \frac{CO_2}{year} = \text{Annual total (gal)} * \frac{3,785 \text{ liters}}{1 \text{ gal}} * \text{diesel density} \frac{kg}{liter} * \text{calorific value} \frac{MJ}{kg} * \frac{1 TJ}{1000000 MJ} * \text{emission factor} \left( \frac{kg CO_2}{TJ} \right) * \frac{1 Ton}{1000 kg}$ <p>Diesel Density: <math>0.85 \frac{kg}{liter}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Diesel calorific value: <math>42,42 \frac{MJ}{kg}</math> (Source: FECOC 2016. Factores de emisión para Combustibles Colombianos. Unidad de Planeación Minero-Energética. Ministerio de Minas y Energía. Colombia).</p> <p>Emission factor <math>CO_2</math>: <math>74193 \frac{kg CO_2}{TJ}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p> <ul style="list-style-type: none"> <li>• <math>Ton \frac{CH_4}{year}</math></li> </ul> $Ton \frac{CH_4}{year} = \text{Annual total (gal)} * \frac{3,785 \text{ liters}}{1 \text{ gal}} * \text{diesel density} \frac{kg}{liter} * \text{calorific value} \frac{MJ}{kg} * \frac{1 TJ}{1000000 MJ} * \text{emission factor} \left( \frac{kg CH_4}{TJ} \right) * \frac{1 Ton}{1000 kg}$ <p>Emission factor <math>CH_4</math>: <math>10 \frac{kg CO_2}{TJ}</math> (Source: GHG Protocol 2017. Emission Factors from Cross-Sector Tools, <a href="http://ghgprotocol.org/calculation-tools">http://ghgprotocol.org/calculation-tools</a>. Directrices del IPCC de 2006 para los inventarios nacionales de gases de efecto invernadero).</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A																
	<p><b>b. Gases included in the calculation; whether CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>, NF<sub>3</sub>, or all.</b> The reporting company included in the calculation of the gross value of direct emissions, the following gases:</p> <table border="1" data-bbox="688 532 1432 734"> <thead> <tr> <th data-bbox="688 532 1045 597"><i>Emission source</i></th> <th data-bbox="1045 532 1178 597"><i>CO<sub>2</sub></i></th> <th data-bbox="1178 532 1304 597"><i>CH<sub>4</sub></i></th> <th data-bbox="1304 532 1432 597"><i>N<sub>2</sub>O</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="688 597 1045 646"><i>Mobile emissions</i></td> <td data-bbox="1045 597 1178 646" style="text-align: center;"><b>x</b></td> <td data-bbox="1178 597 1304 646" style="text-align: center;"><b>x</b></td> <td data-bbox="1304 597 1432 646" style="text-align: center;"><b>x</b></td> </tr> <tr> <td data-bbox="688 646 1045 695"><i>Process emissions</i></td> <td data-bbox="1045 646 1178 695" style="text-align: center;"><b>x</b></td> <td data-bbox="1178 646 1304 695" style="text-align: center;"><b>x</b></td> <td data-bbox="1304 646 1432 695" style="text-align: center;"><b>x</b></td> </tr> <tr> <td data-bbox="688 695 1045 734"><i>Fixed emissions</i></td> <td data-bbox="1045 695 1178 734" style="text-align: center;"><b>x</b></td> <td data-bbox="1178 695 1304 734" style="text-align: center;"><b>x</b></td> <td data-bbox="1304 695 1432 734"></td> </tr> </tbody> </table> <p><b>c. Biogenic CO<sub>2</sub> emissions in metric tons of CO<sub>2</sub> equivalent.</b> Corresponds to the emissions from biomass combustion and degradation, generated as part of the company's operations in the period from January 1, 2019 to December 31, 2019. The reporting company does not consider biogenic emissions within the calculation of the indicator.</p> <p><b>d. Base year for the calculation, if applicable, including:</b>  <b>i. the rationale for choosing it;</b>  <b>ii. emissions in the base year;</b>  <b>iii. the context for any significant changes in emissions that triggered recalculations of base year emissions.</b></p> <p>The reporting company considers the base year for the calculation, the period from January 1, 2019 to December 31, 2019.</p> <p><b>e. Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source</b></p>	<i>Emission source</i>	<i>CO<sub>2</sub></i>	<i>CH<sub>4</sub></i>	<i>N<sub>2</sub>O</i>	<i>Mobile emissions</i>	<b>x</b>	<b>x</b>	<b>x</b>	<i>Process emissions</i>	<b>x</b>	<b>x</b>	<b>x</b>	<i>Fixed emissions</i>	<b>x</b>	<b>x</b>		
<i>Emission source</i>	<i>CO<sub>2</sub></i>	<i>CH<sub>4</sub></i>	<i>N<sub>2</sub>O</i>															
<i>Mobile emissions</i>	<b>x</b>	<b>x</b>	<b>x</b>															
<i>Process emissions</i>	<b>x</b>	<b>x</b>	<b>x</b>															
<i>Fixed emissions</i>	<b>x</b>	<b>x</b>																

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The source of the emission factors and the rates of the global warming potential (GWP) used are established in each of the formulas indicated above.</p> <p><b>f. Consolidation approach for emissions; whether equity share, financial control, or operational control.</b></p> <p>The established approach for the consolidation of emissions is operational control.</p> <p><b>g. Standards, methodologies, assumptions, and/or calculation tools used.</b></p> <p>The methodology and calculation tool are established directly in the information consolidation tool by scope " <a href="#">F-ASI-173 Reporte (GEI)- 2019 rev.xlsx</a> ". Also, Also, the procedure for calculating carbon footprint is carried out in line with the provisions of ISO: 14064: 2006 and The GHG Protocol Corporate Accounting and Reporting Standard.</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Environmental Department, the validation on a sample basis, the existence of the records of the generation of direct GHG emissions of the organization and the recalculation of the formulas established in the criteria. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<p><b>GRI 305-2 Energy indirect (Scope 2) GHG emissions</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the GRI indicator 305-2 regarding the gross location-based indirect GHG emissions when generating energy (scope 2) in metric tons of CO<sub>2</sub> equivalent, generated by Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of page 9 of the Disclosure 305-Emissions (2016) of the Global Reporting Initiative (GRI) Standards (2016), as presented below:</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
I	<p><b>a. Gross location-based energy indirect (Scope 2) GHG emissions in metric tons of CO2 equivalent.</b></p> <p><b>b.</b></p> <p>Corresponds to the sum of the Gross location-based energy indirect GHG emissions generated by the company in the period from January 1, 2019 to December 31, 2019, derived from generation of electricity, heating, cooling and steam purchased and consumed by the organization, in metric tons of CO<sub>2</sub> equivalent.</p> <p>In this sense, the company considers in the calculation:</p> <ul style="list-style-type: none"> <li>- DI – Barrancabermeja</li> <li>- DII - Gualanday</li> <li>- DIII – Cogua</li> <li>- DIV – Villavicencio</li> <li>- DV – Paipa</li> <li>- DVI – Valledupar</li> <li>- DVII – Manizales</li> <li>- DVIII – Buga</li> <li>- ECG Vasconia</li> <li>- ECG Casacara</li> <li>- ECG Curumaní</li> <li>- ECG Jagua del Pilar</li> <li>- ECG Hatonuevo</li> <li>- ECG Puente Guillermo</li> <li>- ECG Miraflores</li> <li>- ECG Padua</li> </ul>	<p>✓</p> <p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>– ECG San Alberto</li> <li>– ECG Mariquita</li> <li>– ECG Norean</li> <li>– ECG Paratebueno</li> <li>– ECG Villavicencio</li> <li>– ECG Sabana</li> <li>– Sede Bogotá</li> </ul> <p>For the above, the reporting company considers indirect GHG emissions when generating energy from:</p> <ul style="list-style-type: none"> <li>• Emissions associated with the purchase and consumption of electrical energy: correspond to the consumption of energy from the electrical network, for the locations established above, in <math>\frac{kW}{h}</math>. Emissions due to energy losses in the electricity transmission network are not included. The calculation is done by multiplying:</li> </ul> $Ton CO_2 eq = Electric\ energy\ consumption \frac{kW}{h} * FE (Co) \frac{Ton CO_2 eq}{MWh} * \frac{MW}{1000 kW}$ <p>Likewise, the location- based method reflects the average intensity of GHG emissions in the matrices in which energy consumption occurs; This mainly uses data on average emission factors. In this sense, the reporting company considers the following conversion factor to report indirect GHG emissions (scope 2):</p> <p>The emission factor (FE) used based on location for Colombia corresponds to: <math>0.16438 \frac{Ton CO_2 eq}{MWh}</math></p> <p>Source: UPME 2018. Variables de Generación y del Mercado Eléctrico colombiano. Subdirección de Energía Eléctrica, Grupo de Generación.</p>	✓

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A				
	<p>The source of information of the reported data corresponds to the document <a href="#">"Consolidado Agua Energía Residuos Combustibles- 2019.xlsx"</a> in which the records of electricity consumption are established in <math>\frac{kW}{h}</math> ; and the document <a href="#">"F-ASI-173 Reporte (GEI)- 2019 rev.xlsx"</a> intended to capture information for the measuring of the carbon footprint.</p> <p><b>b. Gross market-based energy indirect (Scope 2) GHG emissions in metric tons of CO2 equivalent.</b></p> <p>The company does not report according to the market .</p> <p><b>c. The gases included in the calculation: CO2, CH4, N2O, HFC, PFC, SF6, NF3 or all.</b></p> <p>The reporting company included in the calculation of the gross value of indirect emissions, the following gases:</p> <table border="1" data-bbox="816 889 1306 1024"> <tbody> <tr> <td><i>Emission source</i></td> <td><i>CO<sub>2</sub></i></td> </tr> <tr> <td><i>purchase of electrical energy</i></td> <td><b>x</b></td> </tr> </tbody> </table> <p><b>d. The base year for the calculation.</b></p> <p>The reporting company considers the base year for the calculation, the period from January 1, 2019 to December 31, 2019.</p> <p><b>e. Source of the emission factors and the global warming potential (GWP) rates used, or a reference to the GWP source.</b></p> <p>The source of the emission factors and the rates of the global</p>	<i>Emission source</i>	<i>CO<sub>2</sub></i>	<i>purchase of electrical energy</i>	<b>x</b>	
<i>Emission source</i>	<i>CO<sub>2</sub></i>					
<i>purchase of electrical energy</i>	<b>x</b>					



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>warming potential (GWP) used are established in each of the formulas indicated above.</p> <p><b>e. Consolidation approach for emissions; whether equity share, financial control, or operational control.</b></p> <p>The established approach for the consolidation of emissions is operational control.</p> <p><b>f. Standards, methodologies, assumptions, and/or calculation tools used.</b></p> <p>The methodology and calculation tool are established directly in the information consolidation tool by scope "<a href="#">F-ASI-173 Reporte (GEI)- 2019 rev.xlsx</a>". Also, the procedure for calculating carbon footprint is carried out in line with the provisions of ISO: 14064: 2006 and The GHG Protocol Corporate Accounting and Reporting Standard.</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Environmental Department, the validation on a sample basis, the existence of the records of the generation of indirect emissions by energy generation of the organization and the recalculation of the formulas established in the criteria. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	<p>✓</p> <p>✓</p>
<p><b>GRI 306-2 Waste by type and disposal method</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the GRI indicator 306-2 regarding the weight of hazardous waste by disposal method reported by Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of page 7 of the Disclosure 306- Effluents and Waste (2016) of the Global Reporting Initiative (GRI) Standards (2016), as presented below:</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• For the calculation of the total weight of hazardous waste, with a breakdown by the disposal methods, when applicable, it was considered:</li> <li>• Safety cells: established for the corresponding Gas Compressor Districts and Stations</li> <li>• DI – Barrancabermeja</li> <li>• DII – Gualanday</li> <li>• DIII - Cogua</li> <li>• DIV - Villavicencio</li> <li>• DV – Paipa</li> <li>• DVI – Valledupar</li> <li>• DVII – Manizales</li> <li>• DVIII – Buga</li> <li>• ECG Vasconia</li> <li>• ECG Casacara</li> <li>• ECG Curumaní</li> <li>• ECG Jagua del Pilar</li> <li>• ECG Hatonuevo</li> <li>• ECG Puente Guillermo</li> <li>• ECG Miraflores</li> <li>• ECG Padua</li> <li>• ECG Mariquita</li> <li>• ECG San Alberto</li> <li>• ECG Norean</li> <li>• ECG Paratebueno</li> <li>• ECG Villavicencio</li> <li>• ECG Sabana</li> </ul>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>For the corresponding estimates, the information is registered in the pdf documents issued by the authorized waste managers.</p> <ul style="list-style-type: none"> <li>• For the calculation of the total weight of non-hazardous waste, with a breakdown by the disposal methods, it was considered:</li> </ul> <p>Waste sent to landfill: established for Gas Compressor Districts and Stations, corresponding to:</p> <ul style="list-style-type: none"> <li>• DI – Barrancabermeja</li> <li>• DII – Gualanday</li> <li>• DIII - Cogua</li> <li>• DIV - Villavicencio</li> <li>• DV – Paipa</li> <li>• DVI – Valledupar</li> <li>• DVII – Manizales</li> <li>• DVIII – Buga</li> <li>• ECG Vasconia</li> <li>• ECG Casacara</li> <li>• ECG Curumaní</li> <li>• ECG Jagua del Pilar</li> <li>• ECG Hatonuevo</li> <li>• ECG Puente Guillermo</li> <li>• ECG Miraflores</li> <li>• ECG Padua</li> <li>• ECG Mariquita</li> <li>• ECG San Alberto</li> </ul>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<ul style="list-style-type: none"> <li>• ECG Norean</li> <li>• ECG Paratebueno</li> <li>• ECG Villavicencio</li> <li>• ECG Sabana</li> </ul> <p>For the corresponding estimates, the information is recorded in the Excel document <a href="#">“Consolidado Agua Energía Residuos Combustibles- 2019.xlsx”</a>, tab <a href="#">“Residuos relleno”</a>. Once there, the calculation is made with the following formula:</p> <p style="margin-left: 40px;">a) Sum of the weight of the hazardous waste (in tons) with a breakdown by the disposal methods .</p> <p style="margin-left: 40px;">b) Sum of the weight of non-hazardous waste (in tons) with a breakdown by disposal methods .</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Environmental Department, the validation on a sample basis, the existence of the records of the generation of hazardous and non-hazardous waste by method of disposal and the recalculation of the formulas established in the criteria. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>
<p><b>GRI 403-9 Work-related injuries</b></p>	<p>The Company’s Administration included in its Sustainability Report (hereinafter “IS19” by its acronym in Spanish) the result of the GRI indicator 403-9 “Work-related injuries” for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter “reporting company”), for the dates between January 1 and December 31, 2019 (hereinafter the “reporting period”), based on the provisions of pages 19 and 20 of the Disclosure 403-9: Occupational Health and Safety of the Global Reporting Initiative (GRI) Standards (2018), as presented below:</p> <p style="margin-left: 40px;"><b>a. <u>For employees</u></b> : it is understood as the direct employees of the company.</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><b><i>i. The number and rate of fatalities as a result of work-related injury</i></b></p> <p><b>The Number of fatalities as a result of work-related injury:</b> corresponds to the total registered cases of fatalities of employees during the reporting period .</p> <p>Employee fatalities information is registered as part of the Excel document " HHT - TGI a 31 de diciembre.xlsx " row <i>Accidentes de trabajo-Reportados con fatalidad</i>.</p> <p><b>The rate of fatalities as a result of a work-related injury:</b> corresponds to the application of the following formula:</p> $= \frac{\text{Number of fatalities as a result of work – related injury of employees}}{\text{Number of hours worked by employees}} * 1.000.000$ <p>The application of this formula depends on the occurrence of cases of deaths (fatalities) during the reporting period. If there are no cases, the rate corresponds to zero (0).</p> <p>The calculation of the indicators of Occupational Health and Safety is carried out in the Excel file “ CONSOLIDADO General 2019 - K240000 -Julio a diciembre.xlsx”.</p> <p>The source of the Number of hours worked of employees is described later in literal <b>V</b>.</p> <p><b>ii. The number and rate of high-consequence work-related injuries (excluding fatalities):</b></p> <p>Corresponds to the total number of cases, in the reporting period, in which employee injuries lead to such damage that the worker cannot recover or does not fully recover the health condition prior to the accident, or that the worker is not expected to fully recover the health condition prior to the accident, within 6 months. For the Company this term is defined from the days of incapacity.</p>	<p>✓</p> <p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The individual records for each case of work-related injuries, which includes the respective data on days of incapacity, are found in the file “ Descripción de Accidentes - 2019 a 31 de Diciembre.xls”.</p> <p><b>The rate of high-consequence work-related injuries (excluding fatalities)</b> corresponds to the application of the following formula:</p> $= \frac{\text{Number of high – consequence work – related injuries (excluding fatalities) of employees}}{\text{Number of hours worked by employees}} * 1.000.000$ <p>The application of this calculation formula depends on the high-consequence work-related injuries, during the reporting period. If there are no cases, the rate corresponds to zero (0).</p> <p>The calculation of the indicators of Occupational Health and Safety is carried out in the Excel file “ CONSOLIDADO General 2019 - K240000 -Julio a diciembre.xlsx”.</p> <p>The source of the Number of hours worked of employees is described later in literal <b>V</b>.</p> <p><b>iii. The number and rate of recordable work-related injuries:</b> Corresponds to the total number of work-related injuries occurred to employees, during the reporting period, that have been evaluated according to the OSHA 300 standard and classified as “recordable”.</p> <p>The record of these cases has been consolidated in the Excel file “Descripción de Accidentes - 2019 a 31 de Diciembre.xls”.</p> <p><b>The rate of recordable work-related injuries:</b> corresponds to the application of the following formula:</p> $= \frac{\text{Number of recordable work – related injuries of employees}}{\text{Number of hours worked by employees}} * 1.000.000$ <p>The calculation of the indicators of Occupational Health and Safety is carried out in the Excel file “ CONSOLIDADO General 2019 - K240000 -Julio a diciembre.xlsx”.</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The source of the Number of hours worked of employees is described later in literal <b>V</b>.</p> <p><b>iv. The main types of work-related injury</b></p> <p>For the classification of the types of work-related injury, the Company has the Excel file “Descripción de Accidentes - 2019 a 31 de Diciembre.xls”, which contains information that can be broken down by direct employees and contractors (column “EMPRESA CONTRATISTA”). The types of accidents correspond to the “TIPO EVENTO” column.</p> <p><b>v. The number of hours worked</b></p> <p>Corresponds to the record of total hours worked by employees, during the reporting period. This information is consolidated in the Excel file “HHT - TGI a 31 de diciembre.xlsx”.</p> <p><b>b. <u>For contractors:</u> workers who are not employees but whose work and/or workplace is controlled by the organization:</b></p> <p><b>i. The number and rate of fatalities as a result of work-related injury:</b></p> <p>Corresponds to the total number of registered cases of fatalities, of contractors, during the reporting period.</p> <p>Contractor fatality cases must be reported in accordance with the provisions of section 5.3.6 of the HSEQ and Social Manual for Contractors and Suppliers, M-ASI-002 , Revision 8 January 2019. If such cases occur, they are recorded in the file “Descripción de Accidentes - 2019 a 31 de Diciembre.xls”.</p>	<p>✓</p> <p>✓</p> <p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
<b>GRI 403-10</b> <b>Work-related ill health</b>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the GRI indicator 403-10 "Work-related ill health" for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of pages 23 of the Disclosure 403-9: Occupational Health and Safety of the Global Reporting Initiative (GRI) Standards (2018), as presented below:</p> <p><b>a. <u>For employees</u></b> : it is understood as the direct employees of the company</p> <p><b>i. The number of fatalities as a result of work-related ill health:</b> corresponds to the total of reported cases of fatalities of employees during the year of reporting.</p> <p>The information on employee fatalities is recorded in the file of the Occupational Health and Safety indicators: "CONSOLIDADO General 2019 - K240000 -Julio a diciembre.xlsx".</p> <p><b>ii. The number of cases of recordable work-related ill health:</b> corresponds to the total registered cases of recordable diseases during the reporting period, with some of the following results: death, days off work, work restriction or transfer to other positions, fainting or medical treatment beyond first aid; or serious injury or illness diagnosed by a doctor.</p> <p>The information on illnesses is recorded internally as part of the data in the Excel file "HHT - TGI a 31 de diciembre.xlsx" row, <i>Enfermedades laborales-Reportadas</i>.</p> <p><b>iii. The main types of work-related ill health.</b></p> <p>When there are cases of work-related ill health of employees, these must be presented in such a way that the main types of illnesses that occurred in the reporting period are identified.</p>	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p><b>b. For all workers who are not employees but whose work and/or workplace is controlled by the organization:</b>  The Company's Administration of the company will not report this information, therefore the corresponding omission in the content of the report will be validated.</p> <p>The presentation of general description information on work-related ill health in the following aspects: (in the case of having occurred in the reporting period):</p> <p><b>c. The work-related hazards that pose a risk of ill health,</b> including how these hazards have been determined; which of these hazards have caused or contributed to cases of ill health during the reporting period; actions taken or underway to eliminate these hazards and minimize risks using the hierarchy of controls.</p> <p><b>d. Whether and, if so, why any workers have been excluded from this disclosure,</b> including the types of worker excluded.</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Occupational Health and Safety Department and the recalculation of the formulas established in the criteria. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period. The scope of this indicator did not include information from contractors, as the Company will not report this information.</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
<p><b>GRI 404-1</b> <b>Average hours of training per year per employee</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the GRI indicator 404-1 "Average hours of training per year per employee" for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of page 6 of the Disclosure 404: Training and Education (2016) of the Global Reporting Initiative (GRI) Standards (2016), as presented below:</p> <p>The indicator of average hours of training per year per employee is calculated as follows:</p> $= \frac{\text{Total number of training hours provided to employees}}{\text{Total number of employees for the period}}$ <p>The training hours can be classroom and/or virtual courses. The period corresponds to the reporting period.</p> <p>The categories under which the indicator is broken down are as follows:</p> <p><b>Gender</b></p> <ul style="list-style-type: none"> <li>a. Men: it is understood as the total number of training hours provided to male employees over the total number of male employees.</li> <li>b. Women: it is understood as the total number of training hours provided to female employees over the total number of female employees.</li> </ul> <p><b>Employee category</b></p> <p>Understood as the total number of training hours provided by each job category over the total number of employees in each category.</p>	<p>✓</p> <p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>a. Senior Management (includes President, Vice Presidents and Managers).  b. Middle Management (includes Directors, Leaders, Assistant Directors and Superintendents).  c. Coordination (includes Advisors, Professional Specialists, Senior Professionals and Supervisors of compression stations).  d. Execution (includes Professionals, Junior Professionals, Semi-Junior Professionals).  e. Support (including technical administrative, technical operational, Administrative Assistants, Mechanical Helpers, Secretaries, SAP Auxiliary Technicians and Station Assistants).</p> <p>The variables used in the calculation are defined below:</p> <ul style="list-style-type: none"> <li>• Training hours given to employees in the period: corresponds to the training hours, both classroom and virtual, given during the reporting period to employees. The file in which the training records are consolidated is called "MATRIZ_DE_CAPACITACIÓN_2019 + FINAL.xlsx".</li> <li>• Total number of employees for the period: corresponds to the total number of employees with a cut as of December 31, 2019. This data is obtained from the data downloaded from the SAP system.</li> </ul> <p>The information on the number of employees by gender and job category is extracted from the SAP system, module S_PH0_48000510 - Ad-hoc-Query, user group HR: Gestión del personal (ZHC_SAPQUERY)", Query "ZHR_ADMIN_PERSONAL", from which the Excel "<a href="#">LISTADO EMPLEADOS A DIC2019 SIN SENAS</a>", which is administered by the Labor Relations Department.</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Human Talent Management area and did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
<p><b>GRI 413-1 Operations with local community engagement, impact assessments, and development programs</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the GRI indicator 413-1 "Operations with local community engagement, impact assessments, and development programs" for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the provisions of page 7 of the Disclosure 413: Local Communities (2016) of the Global Reporting Initiative (GRI) Standards (2016), as presented below</p> <p><b>a. Percentage of operations with implemented local community engagement, impact assessments, and/or development programs:</b> corresponds to the percentage of districts and compression stations within the company's operation that have social investment programs. This information is registered in the Excel file "<a href="#">191217 Valor compartido GEB 2019 (corporativo y filiales)</a>".</p> <p>Thus, the indicator is calculated with the formula:</p> $\frac{\text{Total districts and compression stations with social investment programs}}{\text{Total districts and compression stations of the reporting company}} * 100$ <p>The variables used in the calculation are defined below:</p> <ul style="list-style-type: none"> <li>• <b>Total districts and compression stations with social investment programs:</b> correspond to the number of districts and compression stations within the operation of the company that have social investment programs, which are registered in the Excel file "<a href="#">2. SEGUIMIENTO CONVENIOS INVERSIÓN SOCIAL 100320</a>".</li> <li>• <b>Total districts and compression stations of the reporting company:</b> corresponds to the number of districts and compression stations contemplated in the operation of the reporting company. This information is found in the Excel document "<a href="#">Municipios TGI por Distrito</a>", obtained from the Geographical Viewer managed by the Vice President of Operations.</li> </ul>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Social Sub-Directorate of the Sustainable Development Management and the Vice Presidency of Operations, and the recalculation of the formulas established in the criteria based on the information included in those sources. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<p><b>Own indicator Savings in contracting</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the own indicator "savings in contracting" for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the procedure established by the reporting company, as presented below:</p> <p><b>Savings in contracting:</b> corresponds to the percentage obtained in the comparison of the awarded values and the budgeted values for the contracts that occurred during the reporting period, with the following formula:</p> $\text{Savings in contracting} = 1 - \frac{VA}{VP} * 100$ <p>The variables used in the calculation are defined below:</p> <ul style="list-style-type: none"> <li>• VA = Awarded Values: corresponds to the sum of the awarded values (without VAT) in Colombian pesos (COP), as a result of competitive processes, both closed and open, during the reporting period. These values are registered in the Excel file "<a href="#">CUADRO DE PROCESOS y RE-CALCULO MEDICION AHORROS 31 DIC 2019</a>".</li> <li>• VP = Budgeted values: corresponds to the sum of the budgeted values (without VAT) in Colombian pesos (COP) of the competitive processes, both closed and open, during the reporting period. These values are registered in the Excel file "<a href="#">CUADRO DE PROCESOS y RE-CALCULO MEDICION AHORROS 31 DIC 2019</a>".</li> </ul>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Supply Management, and the validation and recalculation of the formulas established in the criteria based on the information included in those sources. It did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<p><b>Own indicator Incremental volume and market development (industry).</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the own indicator "Incremental volume and market development (industry)" for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the procedure established by the reporting company, as presented below:</p> <p>The objective of this indicator is to measure the effectiveness of new initiatives developed for industries.</p> <p>The indicator formula is the following:</p> $\text{MPCD Incremental transport (industries)} = \sum (\text{Incremental volume of transport associated with new initiatives for industries})$ <p>Where:</p> <p><b>MPCD Incremental Transport</b> = million cubic feet per day of incremental transportation. The sum corresponds to all incremental MPCD values achieved by industry initiatives, in the reporting period.</p> <p>The source of information for this indicator corresponds to: Signed transport contracts and / or transported volume reports.</p>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The calculation formula and the general description of this indicator can be found in the PEC (Plan estratégico Corporativo) tab PLC-F-PE-001 "<a href="#">FICHA INDICADOR ESTRATEGICO</a>".</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Vice Presidency of Business Development, and it did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<p><b>Own indicator Loss rate.</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the own indicator "loss rate" for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the procedure established by the reporting company, as presented below:</p> <p><b>Loss rate (in gas transportation)</b></p> <p>This indicator measures the percentage variation between the gas receipts and gas deliveries of the reporting company's gas pipeline network, involving the variation in the inventory of the lines. The value presented will be the annual loss rate resulting from the average of the monthly data.</p> <p>The formula for the calculation, as established in the indicator's resume, is as follows:</p> $IP (\%) = \frac{II + \sum RG - IF - \sum EG}{\sum RG} * 100$	<p>✓</p> <p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>Where:</p> <p><b>IP (%)</b>: Monthly Gas Loss rate.  <b>RG</b>: Monthly gas receipts.  <b>EG</b>: Monthly gas deliveries.  <b>II</b>: Initial gas inventory at the beginning of the month.  <b>IF</b>: final gas inventory at the end of the month.</p> <p><b>Calculation procedure from January to June 2019</b></p> <p>The indicator was calculated in an Excel file called "Desbalance total 2019". To feed the Excel, there were measurement files / databases located in the "ASIGNACIONES 2019" folder, which in turn contains subfolders for each of the sections. The data to report for this indicator is found in the file "INDICE PERDIDAS.xls" and the tab of the indicator is found in the document "PERDIDAS 2019.xlsx".</p> <p>The databases are daily, are on a server and are divided into the following sections:</p> <ol style="list-style-type: none"> <li>1. Ballena- Barrancabermeja</li> <li>2. Barrancabermeja - Sebastopol</li> <li>3. Sebastopol - Vasconia</li> <li>4. La Belleza - Vasconia</li> <li>5. La Belleza - Cogua</li> <li>6. La Belleza – El Porvenir</li> <li>7. Vasconia – Mariquita</li> <li>8. Mariquita – Pereira</li> <li>9. Pereira - Armenia</li> <li>10. Armenia – Cali</li> </ol>	✓



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>11. Mariquita – Gualanday  12. Gualanday – Neiva  13. Sabana  14. Cusiana – Apiay  15. Apiay-Villavicencio-Ocoa  16. Apiay – Usme  17. Cusiana – El Porvenir  18. GBS</p> <p>The monthly consolidated information was loaded from the databases to determine the imbalance for the month.</p> <p>These databases were filled by the operators of the Main Control Center (CPC). Daily data was consolidated monthly. This information is obtained from the SCADA points existing in some meters. For the points where this system is not available, the data is collected manually the first days of the following month, by officials from each district, by downloading the information from the equipment and then sending it to the operators at the main control center.</p> <p>The data collected corresponds to the variables that make up the calculation of this loss indicator.</p> <p><b>Calculation procedure from July to December 2019</b></p> <p>As of July 2019, an internal software called CGA (Comercial gas Application) was available. In this system, customers upload the daily requirement based on the contracts they have.</p> <p>This system contains the information related to the variables of the loss rate, so the indicator is calculated, in the CGA system, automatically every month from the data of the measurements taken in the gas pipeline system. Both the measurement area and the operators of the Main Control Center (CPC) of the Operations Management have access to this information.</p>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Vice Presidency of Operations, and it did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<p><b>Own indicator Annual average of availability of pipeline transportation capacity and hours of Contract's suspension by maintenance per year.</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the own indicator "Annual average of availability of pipeline transportation capacity and hours of contract's suspension by maintenance per year" for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the procedure established by the reporting company, as presented below:</p> <p><b>1) Annual average of availability of pipeline transportation capacity.</b></p> <p>This annual indicator is related to the availability of transported gas volume and results from the annual average of the data on the "<i>Índice de Disponibilidad de los sistemas de Gasoductos</i>" which is calculated daily.</p> <p>Daily data is averaged per month in an Excel file called "<a href="#">Coordinación transporte</a>" (in the tabs: continuidad and disponibilidad) that extracts the information from the source files, exported using the following route:</p> <p>=<a href="#">'G:\Nominacion\2019\Mesxx'\[\"difax\".xlsx]</a></p> <p>This information is managed by the Professional Specialist from the Nominations area.</p>	<p>✓</p>

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The Gas Pipeline Systems Availability Index, calculated daily, has the following formula (as established in the indicator's resume):</p> $DISP(\%) = \frac{\sum CDTi * LNTi}{\sum CNTi * LNTi} * 100$ <p>Where:</p> <p><b>CDTi</b> = Available Capacity per Section*.</p> <p>The availability of gas pipelines or Available capacity per section is a function of the maintenance carried out, that is, these may or may not make availability decrease.</p> <p>The source data to report this indicator can be found in the file "DISPONIBILIDAD DE GASODUCTOS..xlsx".</p> <p>The supports of the maintenance processes are found in the <i>Cartas de comunicaciones suspensiones contractuales</i> , in physical form or also as emails.</p> <p><b>CNTi</b> = Nominal Capacity per section  <b>LNTi</b> = Nominal length of the section</p> <p>The Nominal Capacity and the nominal length of each pipeline section are in the CGA system as official information, however, there is also information published in the TGI electronic operations bulletin, which is under review .</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The consultation routes are as follows:</p> <ul style="list-style-type: none"> <li>• Boletín electrónico de operaciones TGI / Manual del transportador/ Procedimientos operacionales/ Mapa del sistema de transporte. Link: <a href="https://beo.tgi.com.co/Other/MapaGas">https://beo.tgi.com.co/Other/MapaGas</a></li> <li>• Boletín electrónico de operaciones TGI / Manual del transportador/ Procedimientos comerciales/ Capacidad de transporte. Link: <a href="https://beo.tgi.com.co/Blog/Capacidad">https://beo.tgi.com.co/Blog/Capacidad</a></li> </ul> <p>The sections defined by TGI are as follows:</p> <ol style="list-style-type: none"> <li>1. Ballena-Barrancabermeja</li> <li>2. Barrancabermeja - Sebastopol</li> <li>3. Sebastopol - Vasconia</li> <li>4. La Belleza - Vasconia</li> <li>5. La Belleza - Cogua</li> <li>6. La Belleza – El Porvenir</li> <li>7. Vasconia – Mariquita</li> <li>8. Mariquita – Pereira</li> <li>9. Pereira - Armenia</li> <li>10. Armenia – Cali</li> <li>11. Mariquita – Gualanday</li> <li>12. Gualanday – Neiva</li> <li>13. Sabana</li> <li>14. Cusiana – Apiay</li> <li>15. Apiay-Villavicencio-Ocoa</li> </ol>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>16. Apiay – Usme 17. Cusiana – El Porvenir 18. GBS</p> <p>The consultation routes are as follows:</p> <ul style="list-style-type: none"> <li>• Boletín electrónico de operaciones TGI / Manual del transportador/ Procedimientos operacionales/ Mapa del sistema de transporte. Link: <a href="https://beo.tgi.com.co/Other/MapaGas">https://beo.tgi.com.co/Other/MapaGas</a></li> <li>• Boletín electrónico de operaciones TGI / Manual del transportador/ Procedimientos comerciales/ Capacidad de transporte. Link: <a href="https://beo.tgi.com.co/Blog/Capacidad">https://beo.tgi.com.co/Blog/Capacidad</a></li> </ul> <p>The sections defined by TGI are as follows:</p> <p>19. Ballena-Barrancabermeja 20. Barrancabermeja - Sebastopol 21. Sebastopol - Vasconia 22. La Belleza - Vasconia 23. La Belleza - Cogua 24. La Belleza – El Porvenir 25. Vasconia – Mariquita 26. Mariquita – Pereira 27. Pereira - Armenia 28. Armenia – Cali 29. Mariquita – Gualanday 30. Gualanday – Neiva 31. Sabana 32. Cusiana – Apiay</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>33. Apiay-Villavicencio-Ocoa  34. Apiay – Usme  35. Cusiana – El Porvenir  36. GBS</p> <p><b>2) Hours of contract’s suspension by maintenance per year (from the indicator sheet Impact on income from contractual suspensions).</b></p> <p>The indicator Impact on income from contract’s suspension is presented in two forms (time and amount), however, in the assurance process, only the component “Horas de Suspensión por Causas del Transportado” will be addressed (taken from “IMPACTO HORAS MTTO 2019.xlsx”), whose annual calculation formula is as follows:</p> $HS_{year} = \sum_{12}^1 HS_{month}$ <p>Where:</p> <p><b>HS =</b> Hours of contract’s suspension by maintenance per year.</p> <p>This indicator considers scheduled maintenance and excludes works related to system expansion projects or extraordinary events that require maintenance.</p> <p><b>HS_month =</b> Hours of contract’s suspension by maintenance in the month.</p> <p>The data reported on this indicator can be found in the file “Horas de suspension mantenimientos TGI 2019.xlsx”.</p> <p>The maintenance cases can be verified with the <i>Cartas de comunicaciones suspensiones contractuales</i> physically and are also sent as emails.</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A
	<p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Vice Presidency of Operations, the existence of the sable basis, and it did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	
<p><b>Own indicator Quality of service</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the result of the own indicator "Quality of service" for the company Transportadora de Gas Internacional S.A. E.S.P. (hereinafter "reporting company"), for the dates between January 1 and December 31, 2019 (hereinafter the "reporting period"), based on the procedure established by the reporting company, as presented below:</p> <p>The reporting company presents the result obtained in the survey carried out by the National Consulting Center (Centro Nacional de Consultoría - CNC) "Evaluación Relación con los Clientes" related to the quality and perception of the service, expectations and critical points of action plans, which has a scale of quantitative score from 1 to 10, with 10 being the best possible evaluation and 1 the lowest evaluation. The information is registered in the Power Point file <a href="#">"CC345301 TGI Informe Clientes 13 01 2020"</a>.</p> <p>The scope of the assurance was limited to the crossing of the information reported in IS19 in relation to the sources mentioned in the criteria supplied by the Commercial Development Management and it did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	<p>✓</p>
<p><b>Presentation of IS19 in accordance with the "Core" option of the GRI Standards (2016) of the</b></p>	<p>The Company's Administration included in its Sustainability Report (hereinafter "IS19" by its acronym in Spanish) the following mandatory general disclosures in accordance with the "core" option as defined in the GRI Standards (2016) Global Reporting Initiative (<a href="https://www.globalreporting.org/standards/gri-standards-translations/gri-standards-spanish-translations-download-center/">https://www.globalreporting.org/standards/gri-standards-translations/gri-standards-spanish-translations-download-center/</a>) GRI 101, item 3.1 page 23 table "Criteria to claim a report has been prepared in accordance with the GRI Standards" corresponding reasons for omission defined in item 3.2 reasons for omission - p. 24.</p>	

Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A														
<b>Global Reporting Initiative</b>	<p>1. The Company's Administration included in its Sustainability Report the following mandatory Management Approach in accordance with the "core" option as defined in the GRI Standards (2016) Global Reporting Initiative (<a href="https://www.globalreporting.org/standards/gri-standards-translations/gri-standards-spanish-translations-download-center/">https://www.globalreporting.org/standards/gri-standards-translations/gri-standards-spanish-translations-download-center/</a>) GRI 101, item 3.1 page 23 table "Criteria to claim a report has been prepared in accordance with the GRI Standards" corresponding reasons for omission defined in item 3.2 reasons for omission - p. 24, for the following material</p> <table border="1" data-bbox="445 583 1644 846"> <thead> <tr> <th data-bbox="445 583 953 651">General Disclosures applicable in accordance with the "core" option</th> <th data-bbox="953 583 1644 651">No. of General Disclosures</th> </tr> </thead> <tbody> <tr> <td data-bbox="445 651 953 683">Organizational profile</td> <td data-bbox="953 651 1644 683">GRI 102-1 to 102-13</td> </tr> <tr> <td data-bbox="445 683 953 716">Strategy</td> <td data-bbox="953 683 1644 716">GRI 102-14</td> </tr> <tr> <td data-bbox="445 716 953 748">Ethics and integrity</td> <td data-bbox="953 716 1644 748">GRI 102-16</td> </tr> <tr> <td data-bbox="445 748 953 781">Governance</td> <td data-bbox="953 748 1644 781">GRI 102-18</td> </tr> <tr> <td data-bbox="445 781 953 813">Stakeholders engagement</td> <td data-bbox="953 781 1644 813">GRI 102-40 to 102-44</td> </tr> <tr> <td data-bbox="445 813 953 846">Reporting practice</td> <td data-bbox="953 813 1644 846">GRI 102-45 to 102-56</td> </tr> </tbody> </table>	General Disclosures applicable in accordance with the "core" option	No. of General Disclosures	Organizational profile	GRI 102-1 to 102-13	Strategy	GRI 102-14	Ethics and integrity	GRI 102-16	Governance	GRI 102-18	Stakeholders engagement	GRI 102-40 to 102-44	Reporting practice	GRI 102-45 to 102-56	
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Reporting practice	GRI 102-45 to 102-56															



Indicators for limited assurance objects	Criteria	Nothing came to our attention (✓) – N/A																						
	<p>topics:</p> <table border="1" data-bbox="485 456 1650 1016"> <thead> <tr> <th data-bbox="485 456 978 516">Material topic</th> <th data-bbox="978 456 1650 516">Information on the management approach to report for each material topic</th> </tr> </thead> <tbody> <tr> <td data-bbox="485 516 978 553">Corporate governance and ethics</td> <td data-bbox="978 516 1650 553">a. An explanation of why the topic is material.</td> </tr> <tr> <td data-bbox="485 553 978 613">Operations with integrity, reliability and efficiency</td> <td data-bbox="978 553 1650 613">b. The Boundary for the material topic.</td> </tr> <tr> <td data-bbox="485 613 978 651">Environmental responsibility</td> <td data-bbox="978 613 1650 651">c. Any specific limitation regarding the topic Boundary.</td> </tr> <tr> <td data-bbox="485 651 978 688">Action for climate change</td> <td data-bbox="978 651 1650 688">d. An explanation of how the organization manages the topic.</td> </tr> <tr> <td data-bbox="485 688 978 748">Team with talent, motivation and results orientation</td> <td data-bbox="978 688 1650 748">e. A statement of the purpose of the management approach.</td> </tr> <tr> <td data-bbox="485 748 978 786">Occupational Health and Safety</td> <td data-bbox="978 748 1650 786">f. description of the following, if the management approach includes that component: policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms and specific actions such as processes, projects, programs and initiatives.</td> </tr> <tr> <td data-bbox="485 786 978 823">Economic value generated</td> <td data-bbox="978 786 1650 823">g. An explanation of how the organization evaluates the management approach,</td> </tr> <tr> <td data-bbox="485 823 978 860">Territorial transformation</td> <td></td> </tr> <tr> <td data-bbox="485 860 978 898">Market growth and development</td> <td></td> </tr> <tr> <td data-bbox="485 898 978 935">Contractor Development</td> <td></td> </tr> </tbody> </table> <p data-bbox="478 1052 1671 1198">2. The Company's Administration included in its Sustainability Report the following, for each of the material topics related in section 1 of this criteria, at least one (1) associated performance indicator or the corresponding reason for omission whose options are contemplated in GRI 101 item 3.2 reasons for omission - p. 24 of the 2016 GRI Standards. These indicators can be defined according to the GRI topic-specific standards (series 200, 300 and 400) of the 2016 GRI Standards.</p> <p data-bbox="447 1235 1661 1321">The scope of the assurance was limited to the crossing of the information defined in the criteria with the information reported in IS19 and it did not include the assessment of the reasonability of the sources mentioned in the criteria or the integrity of the documentation supports for the reporting period.</p>	Material topic	Information on the management approach to report for each material topic	Corporate governance and ethics	a. An explanation of why the topic is material.	Operations with integrity, reliability and efficiency	b. The Boundary for the material topic.	Environmental responsibility	c. Any specific limitation regarding the topic Boundary.	Action for climate change	d. An explanation of how the organization manages the topic.	Team with talent, motivation and results orientation	e. A statement of the purpose of the management approach.	Occupational Health and Safety	f. description of the following, if the management approach includes that component: policies, commitments, goals and targets, responsibilities, resources, grievance mechanisms and specific actions such as processes, projects, programs and initiatives.	Economic value generated	g. An explanation of how the organization evaluates the management approach,	Territorial transformation		Market growth and development		Contractor Development		<p data-bbox="1793 451 1814 472">✓</p> <p data-bbox="1793 1182 1814 1203">✓</p>
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