

2019

Sustainability

Report

With Social Awareness



Organizational profile

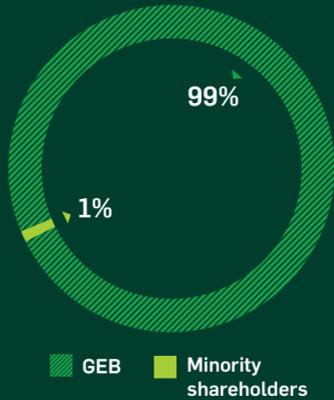
(102-2)

At TGI we create and provide midstream hydrocarbons solutions to large users, producers and developers of energy markets, connecting the sources with consumption centers through long-term relationships and capital-intensive businesses.

Value propositions

We understand the country's energy needs, we connect supply and demand, and we are partners for gas transportation from new sources.

Shareholdings



Cities and mobility

We work as partners for distributors to supply natural gas as an affordable and environmentally-friendly energy source to households, industries and vehicles.

Thermal generation

We are partners for distributors who supply natural gas as an affordable and environmentally-friendly energy source to households, industries and vehicles.

Shared energy infrastructure

We effectively operate our current infrastructure and we execute Capex plans for the four businesses. At the same time, we engage in the geo-expansion and interconnection of Colombia with other gas markets.

Energy-intensive big industry

We supply natural gas to industry to enable its optimization of energy through a competitive BTU and improved productivity.

Midstream producers

We develop comprehensive and flexible midstream projects to enable the viability of production by connecting it with the markets. We provide natural gas solutions as an efficient energy source.

We are members of GEB

(102-2)



Our capabilities

(102-4) (102-6) (102-7)



We connect **65%** of Colombian natural gas users

We have installed **capacity of 830 MMCFD**

We operate and maintain **4,017 km** of gas pipelines

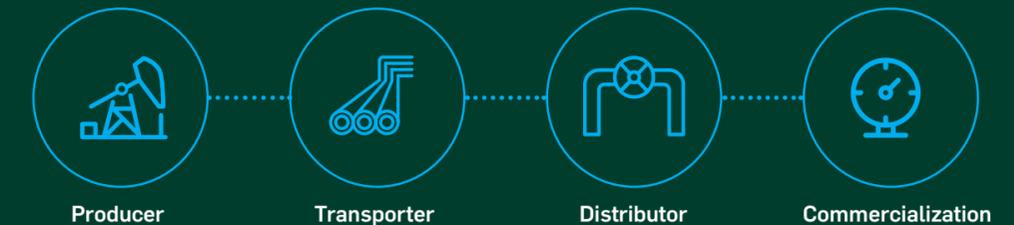
447 employees assure operational excellence and drive the development of new growth opportunities

Our network covers **17** Colombian departments

We have **16 gas compression stations** with capacity of **194,835 HP**

We executed **98.9%** of our maintenance plan

TGI's natural gas chain



2019 OUR MILESTONES



Economic results

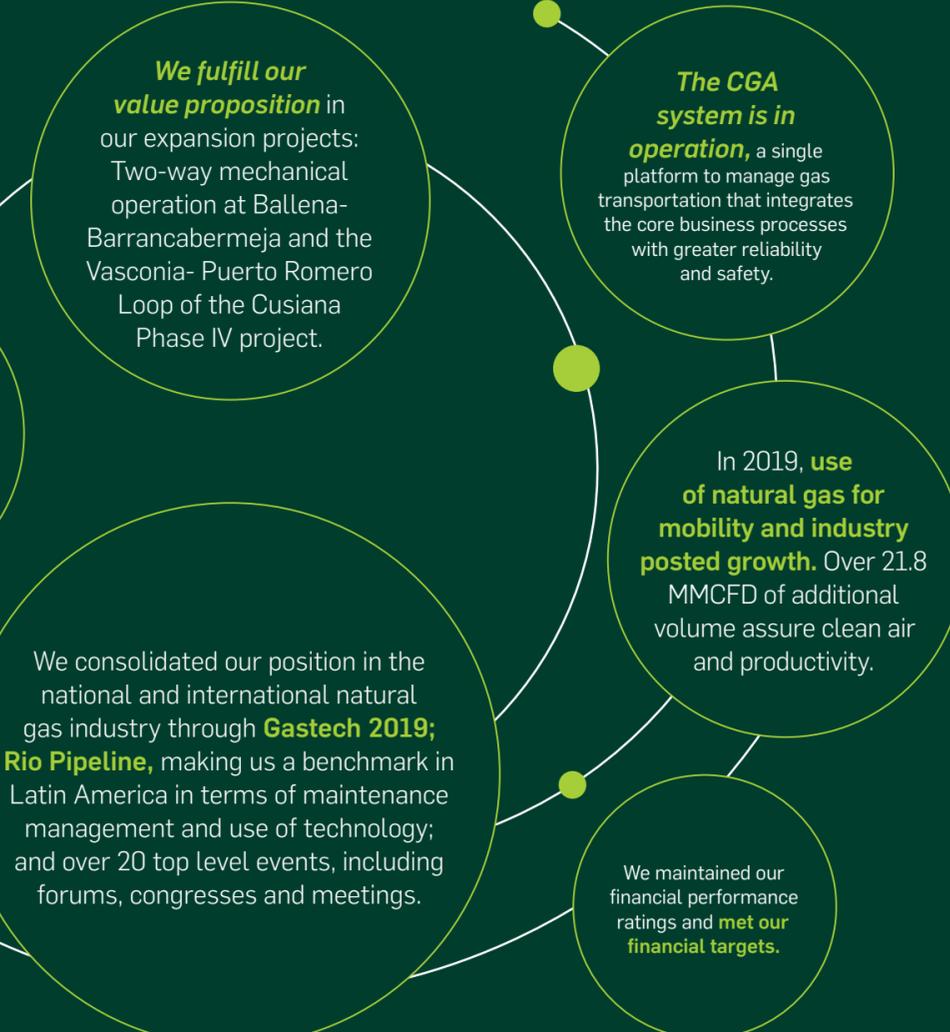
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Figures in millions of dollars

2019 Sustainability Report

Sustainable operations with social awareness



2019 Sustainability Report

With Social Awareness



TGI
Grupo Energía Bogotá

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About this report

(102-50) (102-45) We submit the *2019 Sustainability Report* of Transportadora de Gas Internacional S. A. E.S.P. (TGI), which includes the most relevant data, the analysis of the economic, social and environmental impacts and the contributions of the activities performed by the company during the period from January 1 to December 31, 2019.

(102-51) (102-52) Our report is published annually, and this is our ninth consecutive edition, which follows our latest report published in March 2019, covering performance during 2018.

(102-32) (102-49) This report has been formally reviewed and approved by the Company's CEO, the President's Committee, the Corporate Governance Committee of the Board of Directors, and the Board of Directors. Any clarifications or exceptions regarding coverage of information are explained throughout the document.

In this edition, we present our performance on each of the company's material topics and the actions and initiatives we have implemented to contribute to the Sustainable Development Goals on which TGI has greatest impact, in line with the corporate commitment to the Principles of the United Nations Global Compact.

(102-54) Each chapter contains information about management of the sustainability dimensions in accordance with the core option of the Global Reporting Initiative (GRI) standards, which are identified using the respective indicator code throughout the report.

(102-56) The external verification of the figures and contents of this document is important to us, and on this occasion the firm PricewaterhouseCoopers Asesores Gerenciales Ltda. performed assurance on certain performance indicators included herein. The independent review report is included on page 155.

(102-53) Questions and inquiries in this regard will be addressed by the Planning and Performance Department, which you may contact by email at carolina.bonilla@tgi.com.co

Pursuant to Law 603/2000, TGI S. A. ESP declares that during 2019 it strictly complied with laws on the protection of intellectual property and copyright in performance of its activities, and in particular those related to the acquisition of software licenses.



We provide support to educational processes in the areas of influence of our operations to contribute to the improvement of the life quality in the country

Letter from the senior executives to shareholders and stakeholders

(102-14)

Dear Shareholders and Stakeholders,

Every day, our main concern is to generate development to ensure that Colombia can rely on a permanent, timely and high-quality supply of natural gas through the development of new projects and the adequate operation of our infrastructure. To achieve this, we combine our operational discipline and our understanding of new engineering and technology developments. We are aware that our operation must be differentiated, and that we must work hand-in-hand with our neighboring communities: we bring progress, we support their economic development and we engage in partnerships. At TGI we work with social awareness.

We therefore understand that our legacy goes beyond installing pipeline networks and operating gas compression stations, or achieving operating targets, economic growth and challenging goals. Our true legacy is to transform the territories, to understand their needs, to help their dreams come true.

This is reflected in high-impacting actions, for example by providing lighting for the homes of Wayuu indigenous communities in La Guajira by installing small solar panels, which not only benefit entire families, but hundreds of women who knit products every day and help drive the local economy. We made this and other dreams come

true, such as graduating 47 entrepreneur women in sustainable projects in Villavicencio and Paratebuena, Meta.

Another dream come true was our work with researchers at Universidad Antonio Nariño on a pilot project to generate biogas from wastewater in a remote area of Boyacá. And we made the dream come true of building the first six classrooms with interactive tools in far-removed areas. These are only four of the initiatives that materialize our desire to have genuine relations with the communities.

We also moved forward on other shared value projects such as Fundes Boyacá and Santander, Ecological Stoves and Banco₂-CAS. Through these initiatives we strengthen entrepreneurship in the ter-

Our legacy goes beyond installing pipeline networks and operating gas compression stations, or achieving operating targets, economic profits and challenging goals.



Astrid Álvarez Hernández

Chairwoman of the Board of Directors of TGI



Mauricio Vera Maldonado

CEO of TGI S. A. E.S.P.

We work on closing the gender gap in all corporate and social bodies. Women hold 50% of all our management positions, as well as two senior executive positions.

ritories to make the communities become agents for change and active participants in their solutions.

In 2019, we were also one of the first companies in the country to support the national government's mechanism of Works for Taxes, by executing a project that will provide drinking water to the population of the municipality of La Paz, Cesar. Our support for this government initiative, which is targeted exclusively at Zomac municipalities, reiterates our commitment to the regions that were most affected by the armed conflict.

Genuine and ongoing relations with the communities also enabled us to fulfill our indicator of preventing blockades on infrastructure operation and maintenance activities, with a reduction of almost 50% compared to the target.

In combination with social awareness, the other two cultural attributes adopted by our parent company Grupo Energía Bogotá are "Life Comes

First" and "Superior Performance", which also enabled us to achieve outstanding performance during our 2019 fiscal year.

Behind these achievements lay the hands, hearts, dreams and talent of a team of over 447 employees committed to consolidating their competencies. Each one of us has been empowered as a natural leader to drive TGI's strategy and make it possible.

Our corporate culture values and promotes self-care, the protection of coworkers, safe infrastructures and the permanent search for the highest standards of Occupational Safety and Health, which has enabled us to achieve the exemplary goal of zero serious accidents and deaths, by highlighting that at TGI, Life Comes First.

At our company, Superior Performance is the result of a solid sense of belonging, which enabled us to achieve efficient operations and good financial results in 2019, in order to achieve sustainable growth and to create shared value. At the end of the year we posted growth in revenues and EBITDA, we reduced our leverage and maintained our credit ratings.

We also completed our construction projects in record time, as in the case of the Puerto Romero Vasconia Loop, as part of the Cusiana Phase IV project, through which the country has increased the capacity of all gas transportation systems by 6%. We also completed our inspection and maintenance cycle to assure supplies through an integral and reliable infrastructure.

These cultural attributes are not only our compass for action, but they also make us a company that is committed to sustainability. At TGI, we transport a type of energy that is competitive and clean, and we do so aligned with the Sustainable Development Goals and a solid corporate governance model.

In this regard, we wish to highlight two relevant lines of these international standards: the environment and gender equality. To this effect, in 2019 we measured our emissions in order to establish a baseline and an intervention plan on the operations, and we acquired carbon bonds in tree plantations and natural forests in Antioquia, Tolima, Caldas and Santander.

In terms of the gender equality objective, we have worked on closing the gap in female participation in all corporate and social bodies. Women hold 50% of all our management positions, as well as two senior executive positions.

Behind these achievements lay the hands, hearts, dreams and talent of a team of over 447 employees committed to consolidating their competencies.

As the largest natural gas transportation company in Colombia, we have the experience, operating capacity, resources, knowledge and solid stakeholder relations to develop projects that will guarantee the country's gas supplies until 2024.

But above all, we have highly motivated talent that is focused on fulfilling our objectives. We are proud of the results of a survey on the Employee Engagement Indicator carried out in December 2019 by the firm Great Place to Work, in which we achieved a score of 80 points, which rates TGI as a Very Satisfactory company.

We are prepared to face the new challenges we will encounter in 2020 and to achieve all our proposed goals. We thank you for your trust and support, and for advancing together with us to make natural gas a clean, efficient and sustainable energy source. We thank you for joining us in our purpose of bringing well-being and progress throughout Colombia.

**Thank you for your support,
Astrid Álvarez Hernández**

Chairwoman of the Board of Directors
of TGI.

Mauricio Vera Maldonado
CEO of TGI S. A. E.S.P.



Genuine relations, indigenous community at
Marsella, Risaralda

Management and Financial Report

The year 2019 was important for TGI in that we further consolidated our position as natural and dynamic leaders in the low-emissions energy chain in Colombia, as is the case of natural gas. In this way we ratify our commitment to moving forward towards our transformation and consolidation in the industry as the ideal partner for the transportation of natural gas from new sources.

Below we report the main results obtained during the reporting period in each of the dimensions included in the report, while highlighting the attributes of the culture of Grupo Energía Bogotá, of which we are members:

The economic and industrial environment

The Colombian natural gas industry is at a juncture when critical decisions must be made to ensure the fulfillment of demand through a variety of complementary sources. It also requires regulations that enable profitable long-term investments, the full utilization of existing resources, the development of future projects and fair rates to suit the needs of the various markets.

To this effect, we have promoted and propitiated industry meetings aimed at building trust, sharing information and offering a perspective on the challenges faced by the industry, in line with global trends and the generation of ideas to support the decisions and common purposes in favor of all the links of the chain in the medium and long term.

Additionally, we managed to approach the national government to discuss a policy on reliability of national supplies, and we worked to contribute to the permanence of an integrated system with responsible regulation.

Progress was made in promoting the growth of the culture of natural gas as a clean, efficient and

affordable energy source, and the company is now willing to increase its investments through adequate planning and genuine relations that contribute to the development of the neighboring communities to our operations.

TGI consolidated its position in the industry through its proactive participation in strategic events. One of these was *Gas-tech 2019*, during which we participated for the first time as an exhibitor at an international fair for the industry. We also

We support and organize appropriate meetings to strengthen confidence in the development of the energy industry over the medium and long term, and to promote the expansion and use of natural gas.

shared experiences at the highest technical level during national events, such as the *2019 Naturgas Congress*, *Enercol 2019*, the *Oil and Gas Summit and Agenda TGI-ACP*; and we closed the year by increasing the profile of our grand annual event, the *2019 TGI Forum*, which created an opportunity for dialog between representatives of the national government and the energy industry, as well as customers and suppliers, on the challenges and the outlook for natural gas.



Community of the municipality of El Molino, in La Guajira

Solid financial management with a future outlook

The highlights of our financial performance last year include revenue growth of 6.1%, which totaled USD 468.8 million, 3.2% above the budget established for 2019; repayment of the balance of a syndicated loan for USD 40 million, with the company's own resources; and strict control over costs, expenses and Capex, which contribute to maintaining a solid financial structure.

In this context, we highlight the reduction of our leverage, measured as total debt/EBITDA, which reached 3.15 as a result of stronger cash flow and the reduction of corporate debt, which in turn enabled maintaining our investment grade debt rating at Baa3 with stable outlook from Moody's, BBB with stable outlook from Fitch Rat-

ings and BBB- with stable outlook from Standard & Poor's.

These figures increase investor confidence, reflect the company's adequate financial management and broaden the possibility of acquiring debt for the development of the business plan at a lower cost.

In 2019, we maintained our credit ratings, which signal the market's support and investor confidence in the company.

Strategic Management

The Corporate Strategic Plan guides our management as connectors between the sources of natural gas and the consumer centers, through midstream solutions (hydrocarbons transportation), based on capital-intensive businesses and long-term relationships.

To this end, we increasingly consolidate our position as leaders in the energy chain with strengths such as: human resources with superior performance; technical, methodological and operational capabilities that facilitate our growth plans, and genuine relations with the communities.

In 2019, these corporate qualities were instrumental in our capacity to fulfill our value proposition through the delivery of two projects that facilitate gas supplies: the start-up of the two-way gas pipeline of Ballena - Barrancabermeja, which was delivered one month ahead of schedule and will facilitate the supplies to the north of the country, and the Puerto Romero - Vasconia Loop of the Cusiana Phase IV project, with 22.5 kilometers of 30-inch pipes, which increases out transportation capacity by 46 MMCFD, and which began to operate in December 2019, one month ahead of schedule.

Also, jointly with Grupo Energía Bogotá, we made progress in the strategic review of vertical integration initiatives in the gas industry, and in seeking changes to regulatory restrictions to enable us to move forward in structuring new projects and businesses to guarantee our permanence and revenue growth.

A topic of major relevance for our industry is related to decisions by the national government to lead the development of re-gasification projects to assure supplies after 2024. In this regard, we are prepared to back any projects the Mining and Energy Planning Unit (UPME, for the Spanish orig-

Our capacity to structure and build natural gas infrastructure projects is complemented by our vision of the future, our genuine relations and the superior performance of our team.

inal) and the Ministry of Mines and Energy consider necessary for the country.

As part of our Integrity Management program, in 2019 we identified and monitored 97% of the network that is suitable for inspection, which enables us to carry out maintenance plans to ensure the provision of the agreed services, anticipate critical events and assure the system's reliability.

We have also changed the operating arrangement in a manner that is more integrated with construction. To this end, we have developed 40 in-house standards that translate into greater effectiveness of the reliability maintenance processes.

We surpassed the goal of additional volume and market development,



Astrid Álvarez, Chairwoman of our Board of Directors, with the Wayuu community, in La Guajira

which was set at 18 MMCFD, against an actual 21.8 MMCFD, which ensures clean air and productivity for Colombia. This is reflected in our own indicators: 15.1 MMCFD for industrial clients and 6.7 MMCFD for newly converted and dedicated vehicles.

We wish to highlight the start-up of operations of over 800 vehicles powered by natural gas, including 21 buses for the fleet of Masivo Integrado de Occidente (MIO) in Cali, and the awarding of 534 buses registered as VNG for Sistema Integrado de Transporte Masivo (SITP) in Bogotá.

We have programs in place for the development and promotion of our employees' talent, which translate into a sense of belonging and commitment. Additionally, the strategic actions

on Occupational Safety and Health are reflected in the Zero Vision project, led by Grupo Energía Bogotá, in which the indispensable requirements for decision-making and day-to-day operations are the concepts of Life Comes First, safe environments, self-care and the target of zero serious accidents and deaths to 2027.

In 2019, upgrades were made to 37 additional facilities to mitigate risks of work at heights and in confined spaces, for the safety of our field personnel, for a total of 53 upgraded facilities between 2018 and 2019. We will cover 268 facilities by 2025, to fulfill the goal of zero critical infrastructure facilities.

Another attribute that enables us to obtain the support from neighboring communities for our facilities is our social awareness, which prompts us to maintain genuine relations with the communities. In 2019, 36 indigenous groups were identified in the area of influence of Ballena (La Guajira), and social projects were developed adjusted to the needs of preventive and corrective maintenance of windmills, solar energy for families and communities, *Walekeru* (knitting under the moon) and strengthening of the traditional economy, among others.

We carried out shared value projects such as Fundes Boyacá and Santander, through which 36 small entrepreneurs were able to successfully launch their ventures; *eco-efficient stoves and wood energy systems*, *Banco₂-CAS*, *See Women Latam*, Biogas project and Interactive Solar Education.

In line with the new arrangement proposed by the national government, under which companies pay part of their income tax bills by building projects in the areas that were most affected by the armed conflict, the first project under the Works for Taxes modality was carried out, which will increase the coverage and service quality of drinking water through improvements to the water and sewage system of the urban population of the municipality of La Paz (Cesar).

Vision of the Future

TGI is a company that believes in sustainable development. The type of energy we carry is competitive and clean and our management is aligned with the Sustainable Development Goals.

37

company facilities were upgraded in 2019 to mitigate risks of work at heights and in confined spaces, as part of our commitment to ensuring the safety of our personnel.

Indigenous groups in La Guajira, small businesses in Boyacá and Santander, and communities in Cesar, Valle del Cauca and Santander, were the main beneficiaries of our social actions in 2019.

We contribute to the country's economic growth and to the well-being of its people through an efficient, transparent and progressive operation.

To this end, we support an energy supply plan that assures supplies for Colombia, under conditions for investment, profitability, fair prices, environmental balance and social development.

We believe in the diversity of the system, and in this sense we hope regulatory decisions to be developed in Colombia will honor the history of a market that requires more thrust. We support decisions aimed at migrating from a pricing system based on distance to methodologies based on system inputs and outputs, as is the case in international markets, which enable establishing a single rate to regulate gas prices, rather than pricing its transportation.

In 2024, the industry will face challenges related to sourcing, and TGI will be a key player, as stated in our central theme of "connecting sources to consumption centers".

We additionally study other options to complement renewable energies and we are interested in projects related to storage, as well as hydrogen, with the support of Grupo Energía Bogotá. Our central premise is to ensure permanence and revenue growth in harmony with the environment, the communities and long-term development.



We promote the well-being and development of the communities

Some of the main challenges we will face in 2020 will be to maximize financial efficiency, drive profitable growth and structure new businesses and services to develop midstream markets and solutions.

In terms of our social approach, we will continue upgrading the facilities to assure Occupational Safety and Health, with investments of over COP 8 billion.

We will continue to move forward in our transformation initiative with the plan to close gaps between our current culture and the culture we desire in order to consolidate the Corporate Stra-

tegic Plan, and the basis for our success will be to focus on the challenge of Individual Leadership Plans, and the technical and personal development of our employees.

We have also defined and implemented a shared value portfolio that enables genuine relations with our operations' neighboring communities.

As the largest gas transportation company in the country, we set ambitious goals in order to achieve extraordinary results.



We support the transmission of ancestral values from generation to generation



Governance, Ethics and Transparency

20⁺ Corporate Governance
30⁺ Ethics and Transparency

Women with a sustainable vision

The objective of the program *Propositional Leadership for Rural Women*, promoted by SEE Women Latam with TGI's support, is to develop projects led by entrepreneur women that represent an opportunity for their communities.



Lilia Parra is 56 years old and lives on a farm with her daughter. She receives a pension and she spends her days raising cows, pigs, calves and hens. Her routine at Mararabe, a rural district of Paratebueno (Cundinamarca), changed since she attended the training of the program *Propositional Leadership for Rural Women*. The empowerment she received at the workshops immediately began to translate into productive ideas, in her considering becoming an agent of change in her community.

The project in this rural district consisted in taking used tires to turn them into ecological flower pots to decorate the schoolhouse in the area, where she was once a teacher and coordinator, and which is also used as a community meeting house. It is the first step. *"This is the first time*



69 leaders were strengthened thanks to the program.

4 The women leaders program is aligned with Sustainable Development Goals (SDG) 4, 5, 8 and 17.



In Villavicencio and Paratebueno, the women displayed interest in economic prosperity based on sustainability

women from this municipality have received a course like this. Country folk are usually too shy to talk, to speak out, to propose, because we are uneducated, but they provided us the tools. They taught us to stop thinking that just because there is no money no projects can be undertaken. We all came out highly motivated," said Lilia. Her happiness was even greater when last February 11 she and another 47 women graduated as propositional leaders during a ceremony in Villavicencio.

The rural districts of Mararabe and Macapay Alto in Paratebueno were not the only recipients of this program. Training was also provided to women in the rural districts of Alto Pompeya and Peralonso (of Villavicencio), and to 25 Wayuu communities in La Guajira. SEE Women Latam is a strategic line of the consulting firm SEE Investing that offers programs and conferences to build sustainability based on a gender approach. TGI assisted and designed the schedule in the field.

Four community projects were conceived and implemented: in addition to the ecological flower pots, other projects involve repairs to the children's bathrooms at the Macapay sports center, reforestation in Peralonso and training in values in Alto Pompeya. In La Guajira, the leadership of Wayuu women was strengthened while preserving their culture and customs. The women have the final say.

Wayuu women are interested in receiving training in leadership and strategies to commercialize their knit works.

Corporate Governance

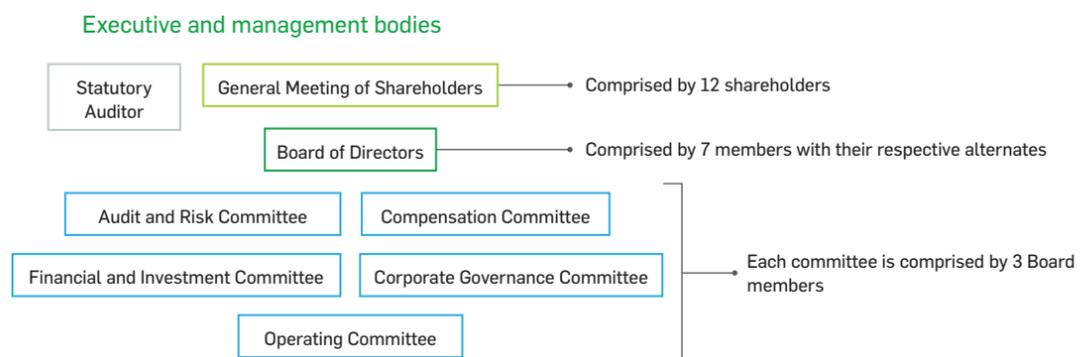
(103-1) Why is this topic important?

Acting in a framework of integrity and ethics, based on corporate values, enables us to fulfill our central theme of creating and providing midstream solutions that are characterized by their continuity, reliability and excellence. We carry out our operations in a framework of integrity which, aligned with the corporate values of Grupo Energía Bogotá, enables us to fulfill the commitments we have made with our stakeholders and to build long-term relationships.

Decision-making at TGI is guided by technical criteria, but above all, by elements in favor of our social, environmental and economic commitments to provide solutions in the midstream sector with excellence, continuity and reliability.

Our control architecture and our corporate governance mechanisms and tools are key inputs for making decisions that are informed, ethical and with awareness, as well as to provide relevant and transparent information to the communities, investors, employees and other stakeholders, to strengthen their perceptions, trust and support.

(102-18) (Own) (102-22)(102-23) Corporate Governance Structure



(103-2) (103-3) How is it managed?

We consolidate and strengthen our corporate governance practices based on the guidelines of our parent company, GEB. We also follow the guidelines and good practices of the Financial Superintendence of Colombia, the principles of the Organization for Economic Co-operation and Development (OECD) and the Development Bank of Latin America (CAF) in order to ensure the transparency, equity and integrity of our processes.

The implementation of the corporate governance model is specified in TGI's internal adoption of the instruments approved in previous years, with specific rules and procedures that provide guidance for strategic decision-making and relevant topics in order to fulfill our business objectives. The implementation of this model has implied an ongoing cultural transformation within TGI's teams, under the leadership of the Legal and Services Department and the Corporate Affairs Office.

(103-3) Additionally, as part of TGI's Integrated Management System, corporate governance actions are assessed and monitored in detail, and it is currently complemented by mechanisms such as:

- Internal audits and audits by Grupo Energía Bogotá.
- Internal control systems.
- Biannual assessment by the Corporate Governance Committee on compliance with the corporate governance rules adopted by TGI.
- Self-assessment of the Board of Directors.

Corporate governance at TGI is comprised by:

- General Meeting of Shareholders, where the majority shareholder is Grupo Energía Bogotá.
- Board of Directors, comprised by seven members elected by the General Meeting of Shareholders. In 2019, 36% of Board members were replaced; the new Board is comprised by one woman and six men, including three GEB employees and four independent members.
- Committees of the Board of Directors, management committees and strategic forums, which advise the Board of Directors and the CEO, respectively. The management committees were regulated by means of CEO guidelines No. 004/2018 and No. 015/2019, which amended the management committees and approved the establishment of strategic forums.

Chart of Board members' qualifications, experience and expertise

	Astrid Álvarez Hernández	Jorge Enrique Cote Velosa	Álvaro Villasante Losada	Héctor José Fajardo Olarte	Mario Martín Mejía Del Carpio	Daniel Rodríguez Ríos	José Fernando Montoya Carrillo
Risks	•	•		•	•	•	•
Internal Control					•	•	
Corporate Finance	•	•		•	•	•	•
Commercial Affairs	•	•	•	•	•	•	•
Energy industry (energy)	•		•	•			•
Energy industry (gas)		•		•	•		•
Crisis management	•	•		•	•		•
Legal affairs							
Sustainability	•	•	•		•	•	•
Governance	•	•		•			•
Public policy	•						
International	•	•	•	•	•	•	•

See the annexes for additional information on individual Board members, their participation in other boards of directors, competencies related to social and environmental matters, and other information.

(102-22) (102-23)(102-32)

Board of Directors

The Board of Directors is the highest governance body at TGI, and according to bylaw provisions it has sufficient authority to adopt all decisions required to achieve the corporate purpose. Its main responsibilities are to establish guidelines and provide orientation to senior management on the company's strategy and operations, appoint the CEO, oversee performance, and ensure the effective implementation of the governance, control and financial reporting systems, always in the framework of provisions established by law, in the bylaws and by the business group.



Astrid Álvarez Hernández

Shareholder

- > Chairwoman of the Board of Directors
- > CEO of GEB
- > Civil engineer
- > Corporate Governance and Compensation Committees
- > Member for 4 years
- > 100% attendance
- > Expertise in strategic advisory for national and international companies

Jorge Enrique Cote Velosa

Independent

- > CEO of Carvajal Tecnología y Servicios
- > Business administrator
- > Audit and Risk and Financial and Investment Committees
- > Member for 5 months
- > 100% attendance
- > Expertise in the definition, design and implementation of corporate strategic plans

Álvaro Villasante Losada

Shareholder

- > Low Emission Generation Chief Executive at GEB
- > Business administrator
- > Operations and Compensation Committees
- > Member for 1.10 years
- > 100% attendance
- > Expertise in development and investments in the renewable energies industry

Héctor José Fajardo Olarte

Independent

- > Advisor of Ecopetrol
- > Chemical engineer
- > Financial and Investment and Operations Committees
- > Member for 2.10 years
- > 93% attendance
- > Expertise in marketing, commercial and business development, operations and management of oil and gas pipelines.

Mario Martín Mejía Del Carpio

Shareholder

- > CEO of Cálidda
- > Business administrator
- > Audit and Risks and Corporate Governance Committees
- > Member for 10 months
- > 36% attendance
- > Expertise in financial planning, structuring of

budgets and internal auditing.

Daniel Rodríguez Ríos

Independent

- > Partner of Base Property Group
- > Architect
- > Audit and Risks and Corporate Governance Committees
- > Member for 2.10 years
- > 86% attendance
- > Expertise in corporate restructuring and re-engineering processes

José Fernando Montoya Carrillo

Independent

- > Registered Agent of Doblefer y Serifer
- > Chemical engineer
- > Financial and Investment and Operations Committees
- > Member for 3.10 years
- > 86% attendance
- > Expertise in recovery of markets, distribution network development and management, cultural restructuring of companies.

(102-34) Critical concerns brought to the attention of the Board of Directors

During 2019, by means of corporate assessments and monitoring mechanisms, the following topics related to the company's sustainable management were identified. They were brought to the attention of the Board, which assessed and managed them as described below:

Topic	Mechanisms used to address and assess them
In reviewing the gas production figures published by the Ministry of Mines and Energy, it was found that the main natural gas sources in Colombia are declining.	It was submitted to the Board of Directors as part of the review of the company's strategy regarding the study of gas sources performed by an external consultant. Studies on the possibility of importing gas were also submitted to the Board of Directors.

Results

All instruments of corporate governance at TGI were updated based on the guidelines of our parent company, GEB, and its democratization process.



A communications plan was implemented to promote the corporate governance culture, based on the slogan "Corporate governance involves all of us", and it invites everyone to experience corporate governance in day-to-day activities as something that is always present and influences the decisions of every employee, to ensure sustainability and long-term growth. The communications plan reached all TGI employees, both in the field and at the administrative offices, through the internal communications channels.

A major achievement in 2019 was to have developed an internal culture that is aware of and values corporate governance as a day-to-day experience that influences decision-making and creates value for our business.



All employees received training on corporate governance in 2019

- Following a trial run of the Diligent Boards technological tool in 2018, the Board of Directors has adopted it as the only means for sending information to Board members, thereby promoting our digital transformation, strengthening security and offering greater confidentiality, transparency and control over the information sent to Board members.
- Certification of the corporate governance team in best corporate governance practices, through CESA and the IE Business School in Madrid, Spain.
- Even though TGI is not legally required to have any independent Board members, as a good corporate governance practice, the company has included independent members in highest governance body. In 2019, the Board of Directors of TGI had four independent members, in order to increase the diversity, solidity and impartiality of its decisions.
(415-1) (Own) During 2019, contributions worth COP 463 million were made to the different industry associations we belong to, including the National Association of Public Utilities and Communications Companies (Andesco, for the original in Spanish), the National Business Association (ANDI, for the original in Spanish), Naturgas, Con-

centra and the Comité Intergremial Empresarial del Valle del Cauca.

(405-1) (Own) The Board of Directors is currently chaired by the only woman on the Board, equivalent to 14% of total Board members. The Board members are between the ages of 66 and 34.

See the annexes for additional information on diversity of the Board of Directors.

CHALLENGES

- Continue to strengthen the corporate governance culture among TGI employees.
- Verify application of corporate governance in support areas to ensure it is a day-to-day topic among the primary teams and other collective and monitoring committees.



75% of employees were trained in risk management competencies

RISKS

(103-1) Why is this topic important?

(102-15) Risk management enables the timely detection of deviations in order to achieve strategic objectives and perform projects and processes. It ensures that risks are analyzed for decision-making purposes and that controls are established to prevent their materialization in adverse situations.

It also enables us to promote preventive thinking as part of a corporate culture that identifies risks and opportunities for the conformance of our processes, products and services; to make assertive decisions in situations involving uncertainty, and to generate confidence by effectively identifying and controlling all key aspects.

(103-2) How is it managed?

Risk management starts out with the formulation, definition and annual review of the corporate strategy. Through work sessions with senior management and a cross-disciplinary team, we define the company's strategic direction and the risks and uncertain events that could affect achievement of the defined goals.

In this manner, the process ensures that we identify the control actions required to prevent and mitigate adverse situations.

One of the strategies to promote the risk management culture is to strengthen skills and competencies related to risk identification, analysis and monitoring. It should also be noted that risk management forms part of the control architecture, as the first line of defense involving all employees, those responsible for the processes and the audit manager. Under this arrangement, we assess compliance with the Risk Management Policy, the Risk Management System Manual and other related documents, which are also monitored and controlled by the Audit and Risk Committees of TGI and GEB.

(Own) (102-15) TGI Strategic Risks

No.	Strategic risk	Description
1	Regulatory changes unfavorable to the company's interests.	Changes in existing regulations or enactment of new ones that run against the company's interests.
2	Failure to fulfill the value proposition of TGI's investment projects due to deviations in scope, time or cost.	Failure to deliver an investment project on time and in accordance with the customer's quality attributes and specifications of the infrastructure expansion and upgrade works, or within the project's established budget.
3	Work accidents that affect the health of employees or contractors.	Effects on the health of employees and contractors due to work-related incidents and occupational illnesses.
4	Operational events that interrupt transportation.	Risk events (force majeure/excusable event) that threaten to interrupt business operations in the sections Cusiana - Vasconia, Vasconia Mariquita to Cali and Cusiana - Apiay.
5	Social incidents during performance of TGI operations or projects.	Events, circumstances and factors that gradually or suddenly generate a situation of discontent in any external stakeholder group (community, civil society organizations, authorities, contractors, suppliers, etc.) that gives rise to blockades of access roads or work stoppages, that prevent normal performance of the projects and operations in the areas of influence.
6	Possible penalties by the environmental authority.	Failure to comply with environmental regulations in effect in any of the phases of the project's life cycle, giving rise to administrative proceedings.
7	Failure to fulfill the business plan.	Not reaching the long-term (financial) targets that measure business performance: revenues, EBITDA, financial costs, debt/EBITDA ratio, costs and expenses.
8	Fraud and Corruption.	Any dishonest act or intentional or negligent omission designed to deceive others and cause losses to the victim or a benefit for the author. Failure to prevent, detect, investigate and correct acts of fraud or corruption at or against GEB companies.
9	Failure to incorporate new businesses that create value.	Being unable to make new deals and investments that enable the company's profitable growth.
10	Not using the Ballena -Barranca infrastructure.	Being unable to develop new viable gas sources that will provide remuneration to the Ballena - Barrancabermeja gas pipeline after December 2020.
11	Demand fails to grow according to expectations.	Not being able to renew or enter into additional contracts in terms that are similar or better than current agreements.
12	Unavailability of information systems.	Weaknesses in the integrity and availability of information assets, which may affect competitiveness, profitability and corporate image.
13	Not having qualified and motivated human capital to execute the strategy.	Not having the personnel with the required qualifications in terms of education, experience, skills and aptitudes to perform their duties, and to remain motivated to achieve the strategic objectives.
14	Economic or reputation losses due to unfavorable legal decisions.	Not achieving adequate business and legal management for the normal operation and growth of TGI.

RESULTS

(103-3)

- Fulfillment of 99% of corporate strategic objectives.
- 75% of employees completed an online course on risk management competencies.
- Work in coordination with the President's Committee, through the submission of quarterly performance and monitoring reports, and the results of the strategic risk mitigation actions.
- Investment project decision-making based on corporate risk analysis.
- Low level of materialization, since only one risk-related event was reported. Operational events that interrupt transportation. See the annexes for greater details on the mitigation of potential impacts at TGI.

GOALS

(103-2)

Short term

- Ensure that all organization levels understand the risk management methodology and its implementation.
- Provide risk assessment support to investment projects in line with the Maturity and Value Creation Model (MMCV, for the original in Spanish).
- Assess the maturity of the risk management system and document relevant actions for its continuous improvement.
- Align the Risk Management System with the improvement process and review of the business continuity plan.

Medium term

- Ensure that the risk matrix is updated to incorporate any changes in the corporate strategy.
- Systematize the risk management process through an application that will manage reports, indicators and recording of any events that may materialize.

Long term

- Have a solid quantitative risk management system in place and a methodology that applies to all the company's areas and processes.



A qualified and motivated team is our greatest strength for managing risks and achieving our strategy

Ethics and Compliance

(103-1) Why is this topic important?

Our aim is to create trust and build valuable relationships with our stakeholders through four corporate values: transparency, respect, integrity and equity, which enable us to act with firmness, rectitude, honesty and consistency, in order to produce a positive and inclusive social impact, and manage in an objective, clear and verifiable manner.

This exercise requires us to consider collective interests, individual diversity and the sustainability of natural resources and institutions before deciding to take action.

Also in this regard, we promote a culture of transparency in our actions and we have zero tolerance towards fraud, money laundering, financing of terrorism and corruption.

Transparency, integrity, respect and equity are the four corporate values that enable us to act with firmness, rectitude, honesty and consistency.

(103-2) (103-3)

How is it managed?

(102-16) In line with the Ethics and Compliance Program of Grupo Energía Bogotá, our corporate group's parent company, and with the aim of ensuring an ethical and transparent approach in managing our business operations, we have ethical standards of behavior grouped under the following action items:

Prevention

- Policy on Internal Control and Prevention of Fraud and Corruption.
- Code of Ethics.
- Comprehensive System for the Prevention and Control of Money Laundering and Terrorism Financing (SIPLA, for the original in Spanish).
- Anti-Corruption Plan and Citizen Assistance.
- Fraud and Corruption Risk Management System.

The Compliance Officer and management-level employees are responsible for the dissemination of the Policy on Internal Control and Prevention of Fraud and Corruption. The Ethics and Compliance Committee and the Compliance Officer are responsible for monitoring and supervising compliance with the Code of Ethics and the Policy on Internal Control and Prevention of Fraud and Corruption. The Committee also addresses any inquiries related to their application.

The Compliance Office is responsible for disseminating TGI's Ethics and Compliance Program among employees and stakeholders.

**** For additional information, follow this link:**

<https://www.tgi.com.co/nosotros/gobierno-corporativo/etica-y-transparencia>

(205-1) The strategic risk of fraud and corruption is defined by GEB, as the corporate group's parent company. Additionally, TGI has developed a fraud and corruption risk matrix, based on which the risks of relevant business operational processes were identified and assessed, including the following:

- Changing figures in the financial statements.
- Improper management of financial resources for personal benefit or to the benefit of a third party.
- Improper use of commercial information in favor or against a third party.

- Tampering with measurement data.
- Improper use of company assets for activities unrelated to the job.
- Payments to government officials to benefit oneself or a third party.
- Favoring and/or directing the selection of a proponent.
- Improper dealing with royalties.

Detection

- Ethical Channel.
- Internal and external audits.

Investigation

- Protocol for reports received through the Ethical Channel.

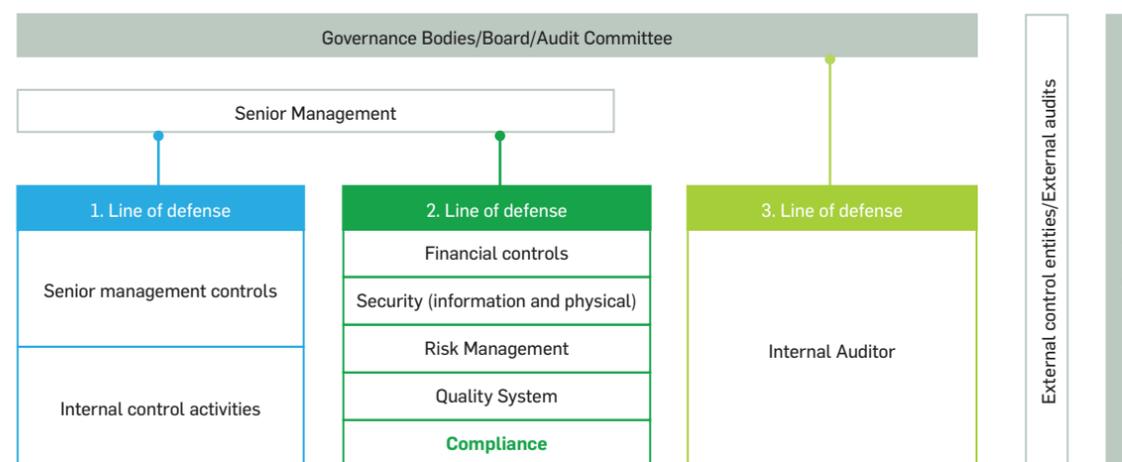
The documents of the Ethics and Compliance Program (codes, manuals, procedures and protocols) incorporate the guidelines issued by GEB and are approved by the appropriate bodies in accordance to corporate governance rules. The Code of Ethics is the product of a participative exercise by employees, and was approved by the President's Committees of Grupo Energía Bogotá and of TGI. It is permanently disseminated among stakeholders by means of campaigns to strengthen the corporate ethics culture, during which the components

of the Ethics and Compliance Program are communicated, including the Code of Ethics, the Ethical Channel, Conflicts of Interest, the Comprehensive System for the Prevention and Control of Money Laundering and Terrorist Financing, the Transnational Anti-bribery Law, the anti-corruption and citizen assistance plan, and personal data protection.

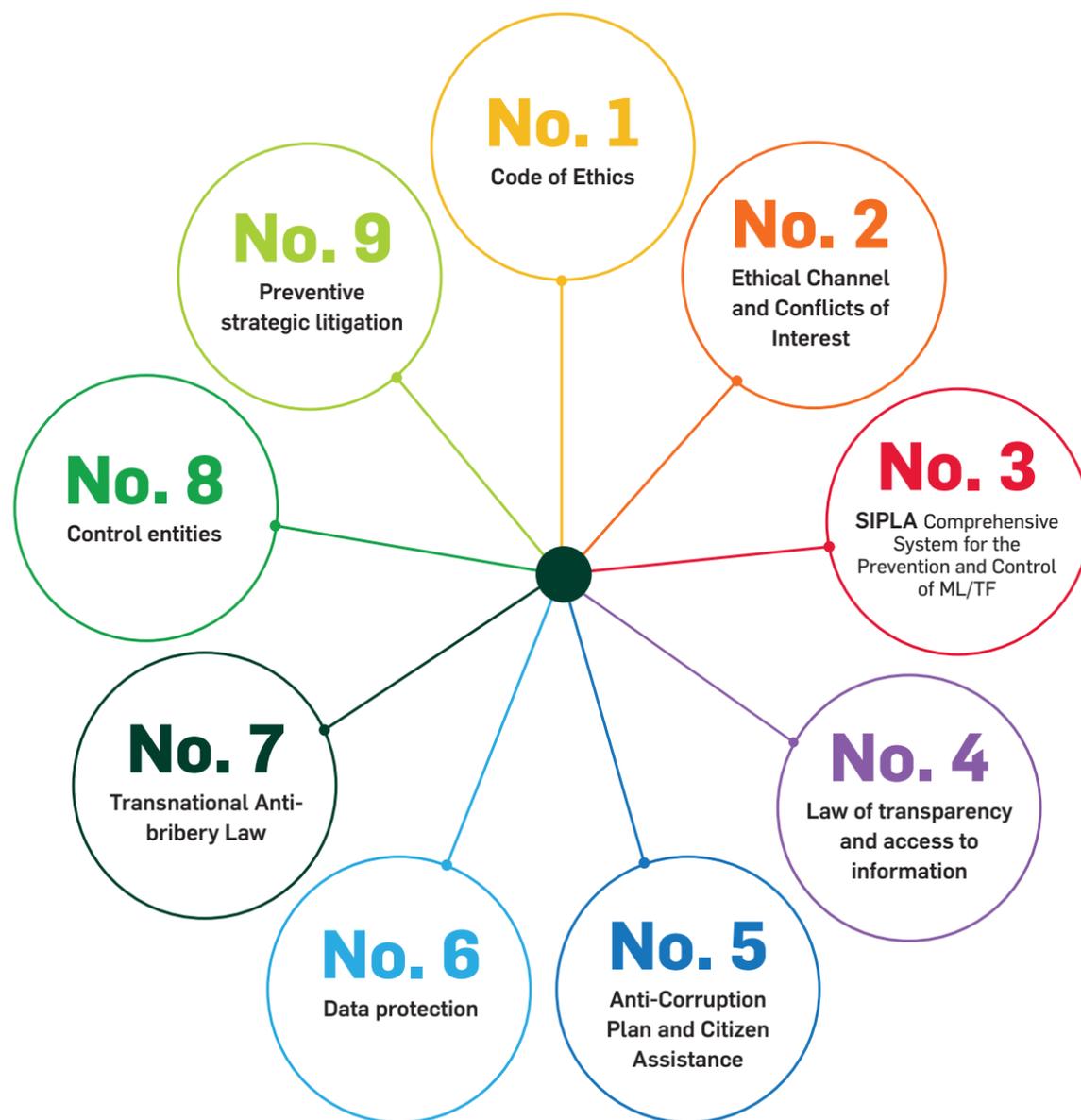
Participation in ethics initiatives

- TGI will participate in the measurement of corporate transparency, based on a recent invitation to participate by Transparencia por Colombia.
- We are members of the Association of Compliance Officers.
- Pursuant to the three lines of defense control architecture established in 2019, Compliance and Internal Auditing duties were segregated and a new Compliance Office was created, which is responsible for the Ethics and Compliance Program. Therefore, TGI has implemented this model, with its respective reports to senior management and governance bodies.

Control architecture



Components of the Ethics and Compliance Program



(102-17) The Ethical Channel enables stakeholders to report any event or conduct related to alleged fraud or corruption, or any unethical behavior, or to field inquiries on ethical dilemmas. In the case of conflicts of interest, employees should seek advice initially from the direct supervisor, or contact the Compliance Office or the Ethical Channel, which is managed by a third party to ensure its independence. Reports or inquiries may be made by phone at: 01 8000125470, or by email

at canaleticogeb@co.pwc.com or by accessing the Ethical Channel, which is published at the following link: <https://www.tgi.com.co/nosotros/gobierno-corporativo/etica-y-transparencia/canal-etico>

In the event of any breach of the Internal Work Regulations, the following are the established penalties: verbal reprimand, suspensions ranging from one day to two months, or termination of the work contract for just cause.

RESULTS

- Consolidation of the Ethics and Compliance Program based on the control architecture model and in accordance with the guidelines of the parent company GEB.
- **(205-1)** The fraud and corruption risk matrix for key company processes was updated, based on which 19 risks were identified and assessed.
- **(205-2)** Training on the control architecture and the Ethics and Compliance Program for 390 employees of the 447 active employees on the payroll, equivalent to 87% coverage at December 31.
- **(205-2)** 100% of Board members were informed and one Board member (14%) was trained in anti-corruption.
- **(205-2)** The Ethics and Compliance Program was communicated to 58 of the 290 suppliers, equivalent to 20% coverage.
- Measurement of the ethical climate among employees, suppliers and customers, during which opportunities for improvement were detected, and on which action plans were developed and implemented.
- Adhesion to the Code of Ethics and declaration of conflicts of interest through digital channels by 357 employees.
- **(Own)** Optimal operation of the Ethical Channel through the website, email and telephone line. Eight reports were filed, none of which was relevant.
- **(205-3)(Own)** During 2019, no cases of corruption were reported.
- Timely performance of the process of verification in control lists in compliance with the Manual for the Prevention and Control of Asset Laundering and Terrorist Financing.
- All inquiries by supervision authorities were fielded, with no relevant findings.
- **(415-1) (Own)** No contributions were made to political parties and/or their representatives. The Code of Ethics was updated to include this prohibition.

CHALLENGES

- Implementation of monitoring and control mechanisms.
- Monitor the fraud and corruption risk matrix.
- Achieve the assimilation of the concepts and good practices of the Ethics and Compliance Program by a significant percentage of employees.
- Implement the regulatory compliance matrix.

68%
of our operating processes were prioritized and assessed in 2019

87%
of workers received training on Ethics and Compliance

Auditing

Auditing at TGI is a cross-cutting process in the organization. Its action plan is based on management of the strategic risks of the Corporate Strategic Plan and the needs of the internal processes of the different areas. It reports administratively to the CEO, and operationally to the Audit Committee of the Board of Directors.

ACHIEVEMENTS

- International certification from the Global Institute of Internal Auditors, based in the United States, which certified the quality of the area's processes in accordance with best international practices.
- Fulfillment of the Annual Audit Plan, which this year focused on risks, projects, operations and contract fulfillment, environmental management, OSH and infrastructure maintenance.

CHALLENGES

- Systematize the auditing processes.
- Implement closing of gaps and improvement opportunities and annual assessment of the audit action plans.



Sustainable Strategy

38 Stakeholders
40 Materiality

Good relations with the neighboring communities to our operations enable us to grow in a balanced manner with social support.



And there was light!

A family and community solar energy project made it possible for women knitters of 528 families from several communities of the Wayuu ethnic people of La Guajira to receive solar kits to light up their homes and knit at night.

The brief but clear reflection made by Daysi Camargo reminds of us the importance of having simple necessities. *“Here we had no light other than the sun and the moon. There were a few light bulbs, but they were seldom used because we cannot afford batteries. We make a living by knitting, and now that we are able to knit at night we will be able to overcome the hunger that affects our community, because if we knit more, we sell more, and we can buy food.”*

She is the highest authority of the Mayali community, where 56 families of the Epinayú clan live, in one of the many desert landscapes of Manaure, in the department of La Guajira. Hers was one of the 14 beneficiary communities that received 528 solar kits -one per family- consisting of a



10 watt solar panel, a solar radio, 2 light bulbs, a charger and a flashlight.

“We the Wayuu, those of us who have no education, which is the majority, must make a living by knitting mochilas (Wayuu rucksack) and hammocks, and we have more time to knit at night, because during the day we have many chores in the field,” Daysi explained.

These activities form part of the family and community solar energy project, through which TGI honors its commitment to support the communities in its areas of influence. Even though we are working jointly with other partners to develop longer-term projects, the community recognizes that contributions of this type are important for improving their life quality. Investment in the project totaled COP 149 million.

The 14 communities that now have artificial light in their homes are Massitchi, Anaripa, Uluwalao, Lancelia, Tronjomana, Maspara, Panerrakat, Mashpa, Apalashón, Patsuaka, Suttalú, Urreichikat, Majaly and Manizales. Now they are not only united by knitting. At night, when Daysi begins to knit, along with the 55 families of her community, they will remember that they are not alone, and that they received light from a friend to fulfill their needs.

528

families from the 14 communities of the Epinayú clan received the solar kits



This program is aligned with SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for all.

Sustainable Strategy



Understanding our environment enables us to mature our management and increase our social impact

In line with the guidelines of Grupo Energía Bogotá, sustainability is materialized in our capacity to understand and manage the environment, to innovate and adapt our businesses to create profitability and generate benefits for the territories in which we operate, always with a long-term vision.

This commitment has enabled us to continue maturing our management of the most relevant topics for our business and for our stakeholders.

Our Sustainability Policy guides our actions and describes our specific commitments as a corporate group.

See our Sustainability Policy at:

<https://www.tgi.com.co/nosotros/gobierno-corporativo/politicas>

Stakeholders

As part of our Sustainability Policy, we have taken on the challenge of continuously developing our capacity to understand and manage our environment in order to benefit our stakeholders by offering innovative products, programs and services that meet their expectations.

(102-42) In 2017, we mapped out our relationships in order to identify the key actors for our activities, with the aim of establishing channels, frequencies and leaders for sharing information and clear topics of interest, to enable us to consolidate mutually beneficial relationships, to develop synergies and to address their requirements in an adequate and timely manner. This identification of stakeholders was carried out based on information provided by the different areas of the organization and who are in contact with the different actors on a day-to-day basis.

(102-40) (102-43) (102-44) TGI stakeholders

Stakeholders	Communications channel	Frequency of relations	Topics of interest	Location in the Sustainability Report
Shareholders and investors 	Corporate governance report.	Annual	The company's management and compliance with the regulatory framework.	See Corporate Governance, Ethics and Transparency, Superior Performance and Profitability, Market and New Business Development, and Operations with Integrity, Reliability and Efficiency.
	Quarterly results report.	Quarterly	Financial, commercial and operating matters.	
	Conference on results.	Quarterly		
Board of Directors 	Meetings of the Board of Directors and of Board Committees	Ongoing	Corporate management, financial, commercial and operating matters.	See Corporate Governance, Ethics and Transparency, Superior Performance and Profitability, Market and New Business Development, and Operations with Integrity, Reliability and Efficiency.
Financial entities 	Response to inquiries.	Ongoing	Financial matters.	See Superior Performance and Profitability, Market and New Business Development and Operations with Integrity, Reliability and Efficiency.
	Results report.	Quarterly	Financial, commercial and operating matters.	
	Conference on results.	Quarterly		
Customers 	Email Written communications, telephone/chat, business visits, corporate events.	Ongoing	Outlook of gas supplies and use. Relations to create synergies.	See Management Report, Market and New Business Development and Operations with Integrity, Reliability and Efficiency.
Employees and contractors 	Internal communications channels.	Ongoing	Operational topics, labor relations, health and safety, ethical management and corporate governance.	See Corporate Governance, Ethics and Transparency, Talent Management, Zero Vision and Operations with Integrity, Reliability and Efficiency.
Authorities and control entities 	Reports and response to inquiries.	Ongoing	Operating topics, environmental, social and compliance management.	See Environmental Dimension, Social Strategy for the Transformation of Territories, Market and New Business Development, and Operations with Integrity, Reliability and Efficiency.
Communities 	Meetings, letters, phone calls, brochures, information meetings.	Ongoing	Operating topics, assertive communications, development of projects that have an impact on the communities' environmental, social and economic conditions.	See Environmental Dimension, Social Strategy for the Transformation of Territories, Market and New Business Development, and Operations with Integrity, Reliability and Efficiency.
Suppliers 	Meetings, visits, newsletters, website.	Ongoing	Operating topics, environmental management and compliance management.	See Environmental Dimension, Market and New Business Development, and Operations with Integrity, Reliability and Efficiency.

Materiality

During 2019, we reviewed and updated our materiality to align the key matters with Grupo Energía Bogotá, while prioritizing TGI's own business impacts and risks.

This exercise was carried out taking into consideration the information obtained during the 2018 materiality analysis, which included conversations with stakeholders, the 2019 strategy and TGI's strategic risks, key standards and benchmarks of the gas industry, and the results of the materiality exercise carried out by GEB in 2019.

For details on TGI's 2018 materiality exercise, see the Sustainable Management Report at: <https://www.tgi.com.co/operaciones/sostenibilidad>

Reviewing and updating the relevant topics for our company and our stakeholders is the first step to prioritize our sustainable strategic management.

For details on the 2019 materiality exercise of GEB, see the 2019 Sustainability Report at: <https://www.grupoenergiabogota.com/sostenibilidad/informes-de-gestion-sostenible/geb>

We carried out this exercise in accordance with the GRI guidelines and standards, with the following objectives:

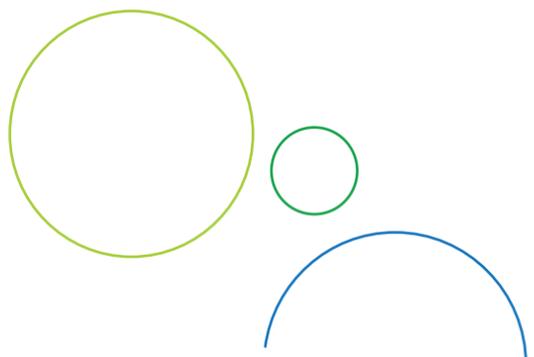
- Review the sustainability risks, impacts and opportunities, to enable us to define targeted management and monitoring strategies.
- Align the relevant matters of GEB with the key topics for TGI.
- Review communications on key sustainability matters.
- Compare the key topics with the 2019 strategy and current strategic risks.

(102-47) (102-49) This process enabled us to make adjustments to our materiality, the results of which are presented below:

Material topics	Descriptors	Changes compared to the 2018 exercise
Corporate governance and ethics	<ul style="list-style-type: none"> • Effectiveness of governance bodies. • Corporate strategy management. • Corporate governance model. • Regulatory compliance. • Risk management. • Corporate policies and guidelines. • Management of the risks of fraud, corruption and bribery. 	We included the ethics topic in the description of the material topic.
Operations with Integrity, Reliability and Efficiency.	<ul style="list-style-type: none"> • Comprehensive asset management. • Operating efficiency. 	We added complementary descriptors.
Environmental responsibility	<ul style="list-style-type: none"> • Wastes. • Noise. • Ecosystem protection. • Regulatory compliance. 	None.
Climate change action	<ul style="list-style-type: none"> • Evaluation and assessment of climate change risks, impacts and opportunities for the business. • GHG emissions management (including methane leaks). • Adaptation and resilience to climate change. 	We separated the topic on climate change as a new material topic with its respective descriptors.
Team with talent, motivation and results-oriented.	<ul style="list-style-type: none"> • Talent development. • Human Rights. • Employee well-being. 	We separated the topic of occupational safety and health as a new material topic with its respective descriptors.
Occupational Safety and Health	<ul style="list-style-type: none"> • OSH policies and management system. • Education and training for employees and contractors. 	
Economic value generated	<ul style="list-style-type: none"> • Economic performance. • Market presence. • Indirect economic impacts. 	None.
Transformation of territories	<ul style="list-style-type: none"> • Creation of social value. • Community relations. • Social risk management. • Stakeholder relations model. 	We included additional descriptors.
Market growth and development	<ul style="list-style-type: none"> • Service with quality. • Growth projects. • Regulations management (regulatory framework). • New market development. • Innovation and digital transformation. 	We included the innovation and digital transformation descriptor.
Supplier development	<ul style="list-style-type: none"> • Local suppliers. • Extending good sustainability practices. • Supplier selection, monitoring and comprehensive assessment. • Promotion and respect for Human Rights. 	None.

(102-46) Materiality review and updating process





Social Dimension

- 46 Social strategy for the transformation of the territories
- 56 Talent Management
- 64 Vision Zero OSH

Open classrooms without borders

Thanks to a partnership between the Ministry of Education, Grupo Energía Bogotá and Transportadora de Gas Internacional, in 2019 construction began of classrooms with interactive tools at six rural schools, as part of the *Energía para aprender (Energy to Learn)* program. They will be launched in 2020, and program coverage will be expanded.



Jesús Alberto Cuadiyó, a ninth grade student, sinks his face into a mask that only leaves part of his hair visible. At the age of 14, he has never traveled beyond his birthplace, the municipality of Hatonuevo (La Guajira). But with this technology he is transported from the classroom to the ledge of a tall building in Bogotá. He takes a few steps and stops with a sense of vertigo as the world bursts open up under his feet. Five seconds later his next stop is one of the pyramids in Egypt, and when he turns to one side he feels like he almost bumps into a group of tourists. He is not dreaming or hallucinating; this magic is possible thanks to a virtual reality headset.

Still overwhelmed, but excited, he narrates his sensations: "This class will teach me a lot of things, like information technology, art and to be more creative with the subjects." Jesús is accompanying executives from Grupo Energía Bogotá and Transportadora de Gas Internacio-



nal (TGI) to some of the finished classrooms at the Guamachito Rural Ethnic Educational Institution, where tests are being run to promote education with innovation. The classrooms are not yet finished and are not yet in service. In 2020, attending classes will be a trip to a world without borders for close to 574 children and 20 teachers at the beneficiary school.

Not only through this experience, but also through a full range of options, including interactive desktops and tablets, video beams and an integrated sound system. The classrooms are powered by electric energy produced by solar panels that enable autonomous operation for 24 hours to make full use of the contents.

This is one of the six schools that began to be built in 2019 and will be handed over in 2020, when the children return from school holidays, as part of the "Energy to Learn" program, which is one of shared value creation programs of the portfolio developed by Grupo Energía Bogotá in partnership with the National Education Ministry and TGI, one of its companies. The other interactive classrooms are being built at the schools Silvestre Francisco Dangond Daza (Villanueva, La Guajira), Rodolfo Castro Castro (two campuses in Valledupar, named Juan de Atuesta and Santa Rosa), Benito Ramos (El Paso, Cesar) and Alto Cauca (Marsella, Risaralda).

Argelia Ipwana, who teaches art and culture in Wayunai-ki (the Wayuu language) at the Guamachito institute, made the following assessment: "With these information technology rooms we will have an ideal tool available for the students. In my area, I will use videos to show the origin of the Wayuu, stories, legends and entertainment topics, which are so necessary. I thank those who support our indigenous communities."

The *Interactive Solar Education* project is expected to be expanded to schools in 11 departments in 2020. This initiative recognizes education as the driver for individual, family and collective development to increase life quality, fight poverty and inequality and to favor the social inclusion and progress of the communities promoted by GEB and TGI through their projects.

1,700

students will be taught at the first six interactive classrooms that began to be built in 2019. The target for 2020 is 3,800

Over 800

interactive contents will be available in the virtual platform, both online and offline



The program's scope includes strengthening local economies through creativity, knowledge and social innovation.

Social strategy for the transformation of the territories

(103-1) Why is this topic important?

Our Corporate Strategic Plan defines sustainability as the ability to know and manage the environment and implement innovative actions that enable adapting the businesses to the dynamics of the territories, in order to generate profitability and share our benefits with the territories in which we operate, with a long-term vision towards a sustainable future.

In line with this approach, in 2019 we established our new **shared value strategy: the “Social strategy for the transformation of the territories”, which aims to give new meaning to TGI’s actions under the principles of** genuine relations with stakeholders and social awareness, developing among all our employees and areas of operations the awareness to understand and interpret the realities of the territories and to manage them.

We understand the importance of bringing economic development to the regions through actions of true social awareness that produce genuine, ongoing and transparent relations.

(103-2) (103-3) How we manage it

The social strategy for the transformation of the territories *is part of our* Corporate Strategic Plan, and it materializes the shared value initiatives and programs, the development of capabilities for strengthening institutions in the areas of influence, the empowerment of women in the territories, access to good quality rural education, contributing to rural gas service initiatives and the development of engagement strategies with ethnic groups under the premise of respect and recognition of their traditions and customs.

The above is in line with our commitment to the respect and promotion of human rights and the global sustainable development agenda, in the framework of TGI’s Sustainable Development Strategy and Sustainability Policy.

In 2019, the following monitoring mechanisms were established to assess the effectiveness of our social management and shared value programs:

- Internal control audits
- Monthly monitoring of the social management plan
- Verification and monitoring of the improvement actions suggested by the Comprehensive Management System
- Feedback from stakeholders
- The Petitions, Complaints, Claims and Requests System (PQRS, for the original in Spanish)
- Monthly monitoring of the transformation of territories initiative

Additionally, we manage strategic relations through the Sustainable Development Committee, which meets every two months. In 2019 it addressed the following matters:

- A. Guidance for the implementation of the sustainable development strategy
- B. Monitoring of reputation-related issues related to sustainability, results of discussions with stakeholders and sustainability indicator performance
- C. Assessment of environmental, energy and social performance through quarterly reports, and proposing any required action plans
- D. Monitor compliance with the social relations manual
- E. Assess and advise on community relations cases related to performance of the company’s activities



Our constant engagement and dialog with the communities enables us to prioritize our social management

- F. Monitor the socio-environmental and energy management performance of suppliers and contractors
- G. Recommend partnerships with entities to work on social and environmental matters in the framework of the sustainable development strategy

Genuine relations

- **(Own)** In 2019, there were no reports of displacement of populations in areas near our operations for reasons related to the business.
- **(411-1)** There were no reports or legal actions for violations of the rights of indigenous peoples.
- **(413-1)** Each of the 24 operations centers in the national territory was assessed in connection with socio-environmental risks and impacts with participation by local representatives, and all have developed programs in the local communities.
- **(413-2)(203-2)** Based on the company’s risks and **impacts** matrix, in 2019 there were no reports of any critical or significant risks to communities in the area of influence.
- Genuine relations with communities implies ongoing engagement and dialog. In general, the topics discussed revolved around the social investment projects in progress or under development, opportunities to hire local work-

ers, and feedback on the priorities of the social investment programs.

- **(Own)** 16 complaints were received from communities in connection with contractor management; 100% the complaints were addressed and resolved.
- **(412-3)** A total of 47 significant agreements were made with partner organizations to strengthen shared value programs. 100% of the partners were assessed in accordance with the corporate policies and the Code of Ethics, including their commitment to respect the human rights of stakeholders.

Programs and projects

(203-2) Bringing progress and well-being to the communities in which we are present is one of our top priorities and part of our DNA. We do so by developing projects that produce positive and permanent transformations in the territories and generate economic growth for the communities.

Through the social investment programs, the aim of the company's Sustainable Development Department is to generate economic and social benefits for the communities, as well as to promote the following guidelines in the territories:

1. Shared value actions
2. A vision of transition to the future considering long-term impacts
3. Understanding sustainability as an element that adds value to the business strategy
4. Alignment with the strategic sustainable development focus areas of GEB and its affiliates
5. A systemic vision that enables an assessment of the impacts and opportunities along the entire value chain

See the annexes for additional information of significant indirect economic impacts

We engage in partnerships with other public and private parties to leverage our social impact.

(Own)
COP 5,264 million

was the total social investment in 2019.
Equivalent to USD 1.6 million.

(Own)
COP 128 million

of our social investment was through the volunteer program.



We assist the most vulnerable areas with solar panels and electricity service programs

Shared Value Projects	Amount in COP	Number of beneficiaries	Municipalities
1.1. Access to biogas	COP 52,452,000	300 students	1. Puerto Boyacá
1.2. Education for development		950 students	1. Hatonuevo 2. Villanueva 3. Suratena
1.3. Support for micro and small enterprises	COP 176,278,495	42 micro-enterprises	1. Puente Nacional 2. Jesús María 3. Florián 4. Miraflores
Total	COP 228,730,495		



1 | Infrastructure for competitiveness

(203-1) (Own)

We assist in the development of public areas that promote healthy lifestyles and well-being in the communities, as well as social cohesiveness and equality in the territories. Among our activities, aligned with the SDG to provide universal access to safe, inclusive and accessible, green and public spaces, we highlight the construction of bio-healthy parks, community meeting rooms and sports fields, with the following results:

- **Beneficiaries:** 17,276
- **Investment:** COP 642 million
- **Projects:** 11
- **Rural districts:** 11
- **Municipalities:** 7
- **Departments:** 6: Boyacá, Santander, Quindío, Caldas, Valle del Cauca and Meta.





475 micro-enterprises and entrepreneurs benefited from agricultural strengthening programs



2 | Access to water, basic sanitation and sewage



We support the SDG to ensure access to and sustainable management of water and sanitation for all, whereby Colombia has the mission of providing clean and permanent water service to 3.6 million people who do not have running water at their homes. To this end, we assist in the corrective and preventive maintenance of windmills, and rural water and sewage systems and networks.

- **Beneficiaries:** 3,309
- **Investment:** COP 311 million
- **Projects:** 7
- **Rural districts:** 7
- **Municipalities:** 7
- **Departments:** 5: Santander, Risaralda, Boyacá, Tolima and Valle del Cauca.



3 | Sustainable energy



We share the SDG premise of ensuring access to affordable, reliable, sustainable and modern energy for all, which we promote in the most vulnerable areas through solar panels and rural electricity service projects. In particular, we have had an impact of the Wayuu indigenous people in the north of La Guajira to close their social gaps, improve productivity, preserve their traditions and strengthen the hope of their families.

- **Beneficiaries:** 2,302
- **Investment:** COP 194 million
- **Projects:** 2
- **Rural districts:** 2
- **Municipalities:** 2
- **Departments:** 2: Meta and La Guajira.



4 | Local entrepreneurship

4.1 Agricultural strengthening:



In line with our focus on projects that increase the communities' productivity and competitiveness, we promote entrepreneurship and growth of the traditional activity of grazing minor livestock to create income-generation opportunities and the consolidation of rural traditions with sheep and goat raising projects in the community of Murralein, of dual-purpose cattle ranching in Boyacá and Santander and the development of local suppliers.

- **Beneficiaries:** 475
- **Investment:** COP 397 million
- **Projects:** 16
- **Rural districts:** 16
- **Municipalities:** 10
- **Departments:** 6: Boyacá, Cundinamarca, Valle del Cauca, Quindío, Santander and La Guajira.

4.2 Ethnic and rural female entrepreneurship



We are committed champions in terms of promoting the participation of women in benefiting from entrepreneurship opportunities that will spiritually and economically dignify them. In 2019, we benefited 22 Wayuu women, 22 community leaders and 50 women from rural areas in Paratebueno and Villavicencio, who strengthened their skills and abilities in propositional leadership and the promotion of new creative and sustainable entrepreneurship ventures. Wayuu and rural women have been identified and prioritized as drivers for dialogs and the social cohesion of their culture.

- **Beneficiaries:** 47
- **Investment:** COP 117 million
- **Projects:** 1
- **Rural districts:** 5
- **Municipalities:** 3
- **Departments:** 3: Meta, Cundinamarca and La Guajira.



5 | Access to biogas



In view of the gaps in access to basic services in rural Colombia, we included in our SDG initiatives that of Ensuring access to affordable, reliable, sustainable and modern energy for all, through an environmentally and self-sustainable pilot project for the production and use of biogas in the rural district of Calderón.

- **Beneficiaries:** 300 students
- **Partner:** Universidad Antonio Nariño
- **Investment:** COP 52 million



Our actions to strengthen education focused on five projects in seven municipalities and five departments



6 | Education



We assist in improving the quality and relevance of education through **construction, upgrades and equipment of educational facilities that offer safe, adequate, non-violent, inclusive and effective learning environments, with the following impacts:**

- **Partners:** Grupo Energía Bogotá – Ministry of Education, Municipal administrations
- **Beneficiaries:** 4,960 students
- **Investment:** COP 305 million
- **Projects:** 5
- **Rural districts:** 7
- **Municipalities:** 7
- **Departments:** 5: Quindío, Valle del Cauca, Santander, La Guajira and Risaralda.



7 | Strengthening of production



7.1 Support for micro and small enterprises:

We promote the generation of a culture of entrepreneurship and job creation as a means to drive productivity and innovation in the neighboring territories to our operations.

- **Beneficiaries:**
 - » 42 entrepreneurs and farmers of the program to strengthen local entrepreneurs through best administrative, management, production and marketing practices.
 - » 17 micro-enterprises and two associations: Moraber, whose members are 25 blackberry growers, and Asogulupa, with 10 members; with programs to improve product quality and strategies to consolidate and open new markets.
 - » Diversification of offerings, innovations in packaging and marketing.

- **Beneficiaries:** 87
- **Investment:** COP 179 million
- **Projects:** 4
- **Municipalities:** 4
- **Departments:** 2: Boyacá and Santander

7.2 Social leadership



We strengthen our role in engagement and social development through the leadership program in nine municipalities in our area of social influence, in alignment of SDG 8 *Decent work and economic growth*.

- **Beneficiaries:** 309 leaders trained
- **Investment:** COP 117 million
- **Municipalities:** 10
- **Departments:** 3: Boyacá, Santander and Meta

7.3 Strengthening of job skills:



The diversification of employment is a pressing need to enable the economic growth of people and regions. To this end, TGI promotes the development of profitable and sustainable business units through technical training processes to enhance their productivity and competitiveness.

- **Beneficiaries:** 20 people
- **Investment:** COP 92 million
- **Municipality:** Paratebuena
- **Department:** Cundinamarca



7.4 Corporate volunteer work



The employees join as volunteers who freely and selflessly offer their time, work and talent in favor of the common good of stakeholder groups within the territories of the areas of influence.

- **Beneficiaries:**
- 93 children in Riohacha, La Guajira
- 43 children Coyaima, Tolima
- 3,419 people in Buenaventura, Valle del Cauca

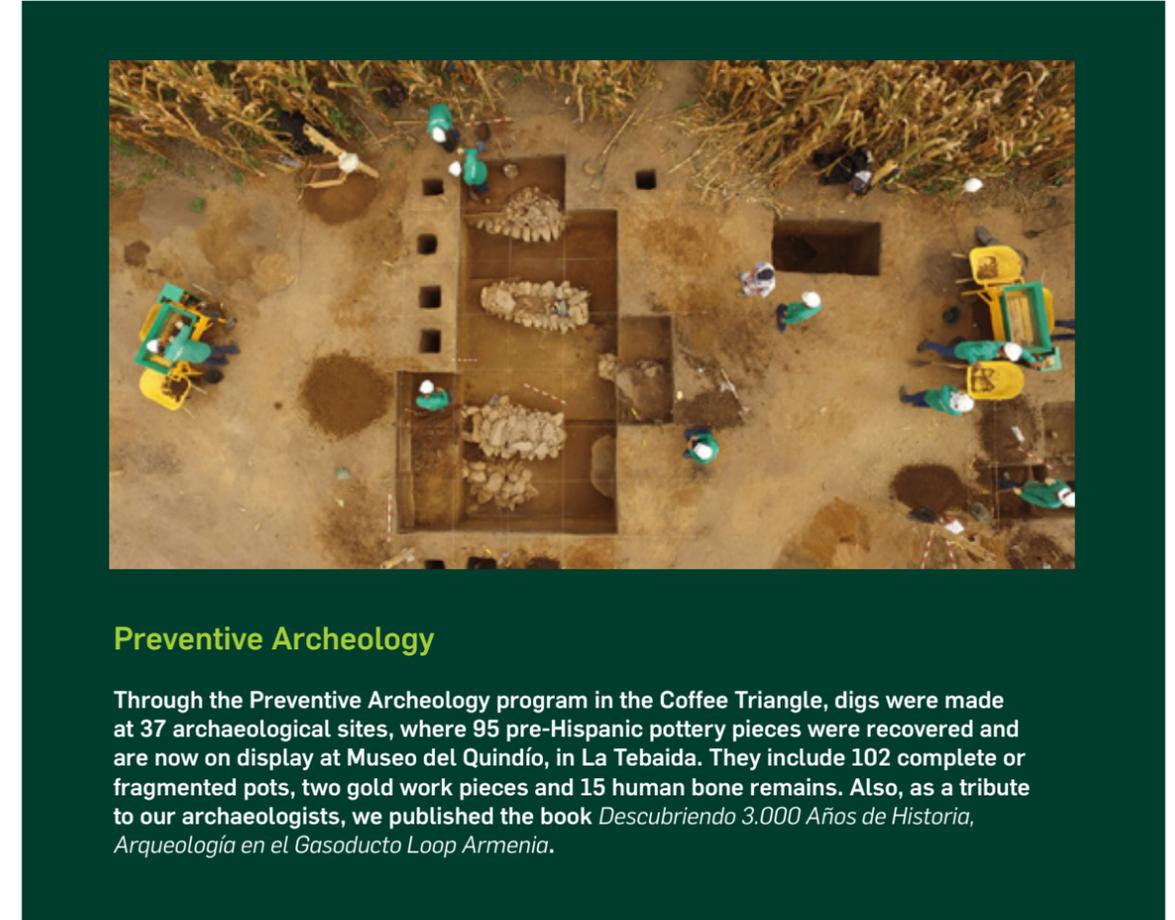


8 | Risk Management



We promote the culture of prevention, training and equipment through the Awareness and Preparedness for Emergencies at the Local Level (APELL) program.

- **Beneficiaries:** 12,480
- **Family emergency kits delivered:** 12,000
- **Municipal emergency kits delivered:** 59
- **Investment:** COP 2,350 million
- **Risk management drills:** 800



Preventive Archeology

Through the Preventive Archeology program in the Coffee Triangle, digs were made at 37 archaeological sites, where 95 pre-Hispanic pottery pieces were recovered and are now on display at Museo del Quindío, in La Tebaida. They include 102 complete or fragmented pots, two gold work pieces and 15 human bone remains. Also, as a tribute to our archaeologists, we published the book *Descubriendo 3.000 Años de Historia, Arqueología en el Gasoducto Loop Armenia*.

2020 CHALLENGES

- Arrange at least two major shared value initiatives related to the transformation of territories.
- Reach agreements on, perform and close 16 social liabilities.
- Position and strengthen community relations by means of:
 - » 3 corporate volunteer work events.
 - » Mapping of actors at 100 municipalities prioritized by AID.
 - » Arrange at least two major shared value initiatives related to the transformation of territories.
 - » Carry out at least 20 workshops to strengthen social leadership.
 - » Carry out at least 20 workshops to strengthen goods and services and the development of local suppliers.
 - » Carry out at least 20 workshops to strengthen the development of women in the territories.

We allocated COP 503,695,600 for strategic relations support, management and communications and social investment.

Talent Management



(103-1) Why is this topic important?

Talent management at TGI is conceived as an enabling factor for our corporate objectives, because by developing our employees' skills we are able to drive internal transformation, support knowledge management, retain the best talent and enable employee growth aimed at facilitating the development of new businesses and progress at the company.

(102-7) We have a team of 447 employees (see additional details on employees in the annexes), all highly motivated and focused on fulfilling the corporate strategic objectives, because we are aware that the people are the ones who contribute their potential to enable the fulfillment of our organization's strategy. We believe that each employee's performance depends on variables that can be strengthened through specific actions, to ensure the productivity and effectiveness of their competencies through a solid corporate culture. For this reason, in 2019 the Talent Manage-

ment Department laid out objectives along six prioritized action lines that support the Corporate Strategic Plan to ensure excellent results in fulfilling the corporate objectives.

(103-2)(103-3) How we manage it

The formulation and management of the Corporate Strategic Plan is aligned with the Human Resources Management Policy of Grupo Energía Bogotá, which defines and provides guidance to all the affiliates on the measurement and monitoring activities that must be carried out in order to assure fulfillment of the talent management goals, covering all employees.

Our talent management programs are developed based on six management action lines to enable us to achieve our corporate goals in a manner that is consistent with long-term sustainability.

Management action lines



01
Alignment of the Competencies and Values Model with the cultural attributes.

In our Talent Management Model, all processes must be articulated, and for this reason we define the behaviors, values and attributes that are required by the organization, and which are taken into consideration during selection and development processes.



02
Leader Development Plan

This initiative, aligned with GEB, was launched in 2018 and focuses on talent development for employees from management level to technicians and field operators. This plan aims to highlight that all work roles are vitally important for our organizational goals.



03
Recognition Program

A technological platform enables each employee to grant recognition to coworkers and teams based on cultural attributes, and to assign them points that can be traded in at a virtual store. Previously, this plan was individually managed, but starting in 2019 it was implemented at the corporate level, and all areas have access to it.



04
Meetings with the CEO

Events aimed at building closer bonds and mobilizing the organization around matters of interest. Every semester, the CEO talks with employees about the strategic results, new projects and achievements, among other matters.



05
Optimization of the corporate onboarding process

In order to ensure that our new employees receive a clear and close understanding of the company, periodic meetings with the CEO are scheduled. Guidelines have also been established to enable the direct supervisor of every new hire at TGI to steer the orientation through a path based on cultural attributes.



06
Communications plan

It is deployed among all employees with the purpose of unifying knowledge and attitudes towards the organizational culture and to implement the required cultural attributes. This enables achieving the objectives not only through competencies, but also through the characteristics that make the company unique.



Our employees received over 17,408 hours of training in 2019

Education and Training

(404-1) (404-2) (404-3) Development, training and the creation of competencies were cross-cutting themes of all the plans and objectives of the Talent Management Department. For this reason, the Leader Development Plan and the Recognition Plan were included in the management action lines.

(404-1) (Own) During the year, 17,408 hours of training were provided to 100% of our employees, or an average of 38.94 hours per employee. In turn, the Selection and Development Office surveyed the population in order to develop training offerings that are adjusted to each role's needs and characteristics. See the annexes for additional information on training hours.

Climate and Culture

(404-3) 97% of employees were assessed* based on performance plans and predefined assessment scope parameters.

(Own) The Climate and Culture Office is responsible for reviewing the status of the organizational characteristics, determining any differences between the current and the desired corporate culture, and for implementing actions to close any gaps.

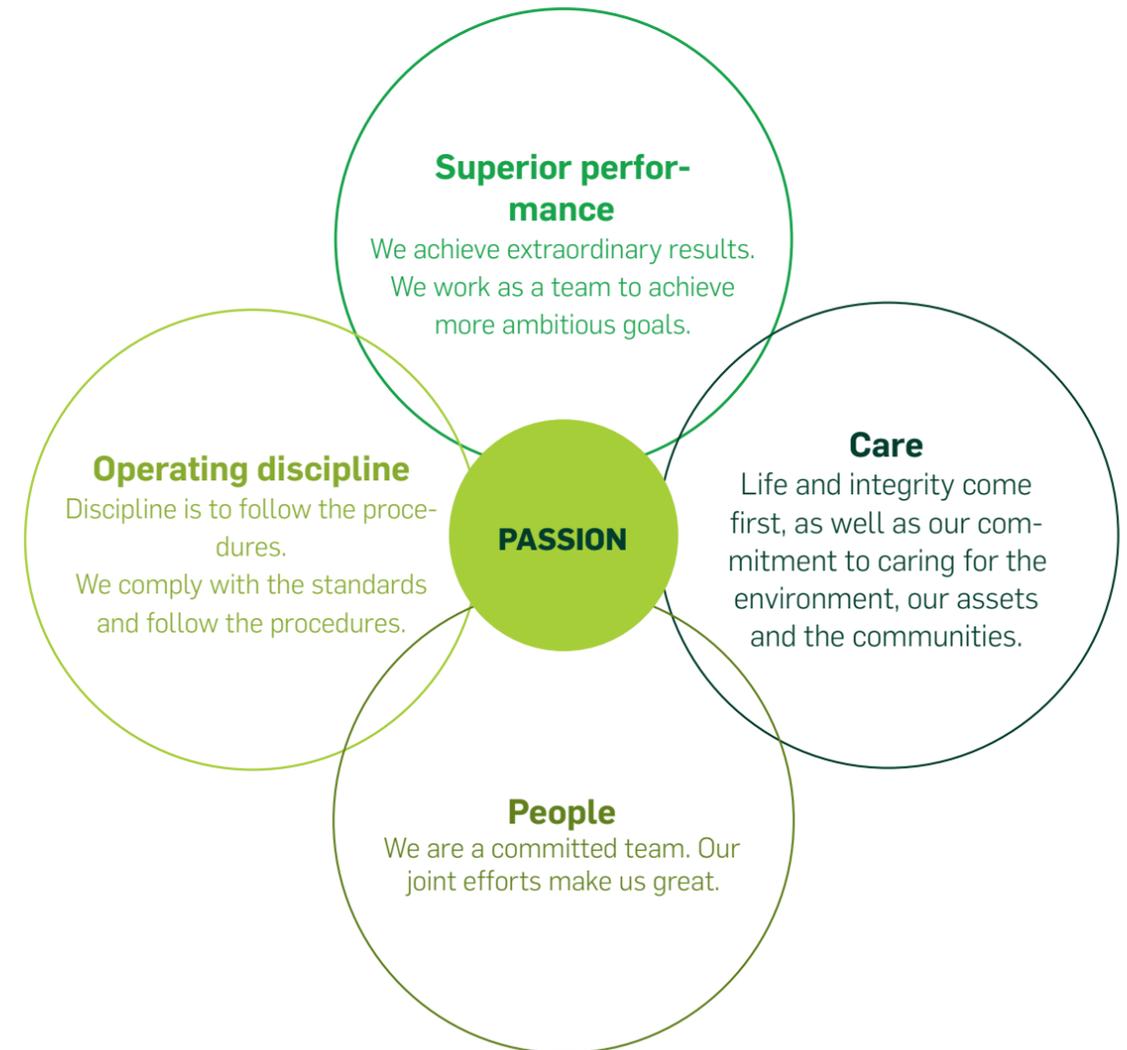
It also communicates the findings and measurement results to employees, in order to implement continuous improvement plans.

(402-2) To this end, activities were carried out in the framework of the six management action plans, including training through an e-learning platform, development of leadership plan contents, recognition criteria in the program of recognition of corporate values and culture, among others.

(404-2) Some training topics include cultural attributes, occupational safety and health, skills development and leadership, ethics and anti-corruption and corporate governance.

*Performance assessments are made for all those who joined the company on a permanent basis before June 30 each year. 100% of these employees are assessed.

Desirable corporate attributes



In 2019 we managed to narrow the gap between the desired and actual corporate culture. This indicator decreased by five percentage points, whereas an average company achieves a two percentage-point reduction.

- **Superior performance:** Results orientation and achievement of big goals.
- **Operating discipline:** Strictly following procedures.
- **Passion for care:** Life comes first At TGI we focus on making sure that everyone understands that in our business and operations, life comes first. The relationships we build with our stakeholders are guided by this mandate.
- **People:** Development of a good work environment, with relationships based on harmony, teamwork and a sense of community.

(Own) This department also worked on activities to maintain a good work environment. According to the latest measurement made by TGI using the **Great Place to Work methodology**, the work environment score was above 80, which is a Very Satisfactory assessment level, with stable outlook.

(402-1) At TGI we offer employees a work stability environment through mechanisms of participation and practices that increase the pride of belonging to the organization and make them feel special. To mention just one example, in the event of operating changes, we have established a minimum advance notice of 24 weeks in order for employees to adapt to the change and to adjust to the New Operations Model.

(401-1) During the year, 33 employees left the company and 56 new employees were hired. See the annexes for additional information. According to our data, our internal turnover rate is only 3% in terms of voluntary resignations.

(Own)

35.71%

of management positions at TGI (senior and middle management), we held by women in 2019

(202-2)

49

of the 56 management positions (88%) are held by people who are originally from the regions in which we operate

Diversity and Gender

(Own) (405-1) (406-1) (202-2) We have increasingly focused on working on matters related to diversity, inclusion and gender. In 2019, we entered into an agreement with the UNPD equality program, and established action plans to be certified with the *Equipares* seal in the Silver category in 2010. We want women to be protagonists and to take on roles of responsibility based on the development of their talent and skills.

- **(Own)** 20 women were in management positions in 2019, equivalent to 35.71% of all senior and middle management positions at TGI.
- There are now 8 more women in TGI management positions than in 2018 and 11 more than in 2017. We promote female talent.
- **(405-2)** Salary ranges are established by position and level or responsibility. (For additional information, see the Annexes.)
- **(401-1)** In 2019, we hired 28 women and 28 men
- **(401-3)** 17 employees, 5 women and 12 men, enjoyed parental leaves in 2019. See detailed information in the annexes.
- **(406-1)** During 2019, no discrimination cases were filed, which is significant given that we have operations in different regions of the country with very diverse cultural, ethnic and gender characteristics.
- **(202-2)** Of the 56 management positions at TGI, 49 are held by people originally from the regions in which we operate, which highlights the talent and excellence of the regions and contributes to strengthening of the communities.



We promote female talent. Eleven more women hold management positions than in 2017. Also, like Andrea, other women are in technical positions

Benefits (401-2)

The percentage of use of optional benefits by employees is 71%.

Employee benefits for full-time employees (non-mandatory benefits)	TGI
Are any of the following non-mandatory benefits provided to all full-time employees?	
Life insurance	Yes
Health insurance	Yes
Accident insurance	No
Health subsidies	No
Marriage subsidy	Yes
Meal subsidy	Yes
Vacation bonus	Yes
Flexible schedules	Yes
Education subsidies	No
Shares	No
Other (specify) Extra-legal bonuses (June and December). Bonuses (for each year of service, for climate and for performance). Relocation subsidy. Availability subsidy.	Results-based bonus



Our greatest challenge is to promote leadership as a competitive value

(102-7) (102-8) (202-1)

RESULTS

- At the end of 2019, the number of employees totaled 447.
- Close to 9% of employees on the payroll are less than 30 and over 60 years old.
- The highest percentage of employees is between the ages of 41 and 50, accounting for 38% of the total, followed by those between the ages of 31 and 40, who account for 35%.
- 98% of our employees are hired on a permanent basis. The ratio between the minimum internal salary and the current minimum legal wage is 1.25 for both men and women.
- (Own) 40 employees are nearing retirement age (5 years). See the annexes for additional information.
- The new hire on-boarding process at TGI has three main stages that enable new employees to adapt to their roles and the company's culture. The first is Corporate Orientation, 14 sessions of which were provided in 2019. The second is Hands-on Training, of which 7 were held last year. The third is a meeting with the CEO, called "TGI Connects You", of which 3 sessions were held in 2019.

(102-41) Collective Agreement

In 2019, a five-year collective agreement was negotiated covering 317 employees, equivalent to 71% of all personnel, which provides benefits such as:

- Severance indemnities above legal requirements for senior and specialist positions with over five years of seniority (which not only provides greater stability, but avoids drastic changes in the teams due to changes in management).
- Soft loans for housing and education, increased coverage to benefit the children of employees who live in distant areas, life insurance, and paid days off on December 24 and 31.
- Additional eight-day leave for marriage and parental leave, and an additional subsidy for the newborn. One additional day above the legal requirement for mourning leave.
- Enhanced perception of the attributes *Passion for people*, *Sense of teamwork* and *Purpose of the field work role*.

CHALLENGES

- Align TGI's culture to GEB's Version 2.0 culture.
- Update the competencies model.
- Define a succession plan for critical roles.
- Increase the maturity of change in the Enterprise Change Management (ECM) indicator.
- Continue the development programs for leaders and company employees, in order to have competitive leaders who are capable of facing the corporate group's challenges, leveraging their skills, defining critical positions and succession plans in order to retain talent and achieve sustainability for the business.

Vision Zero, Occupational Safety and Health

(103-1) Why is this topic important?

Occupational Safety and Health (OSH) is a key priority for TGI, and it has been incorporated in our corporate strategy and organizational culture as one of our three cultural attributes. It is managed in accordance with the guidelines of the Vision Zero program, created by our parent company GEB.

The program promotes self-care and the prevention of occupational diseases and accidents among employees and contractors as a means to ensure high levels of performance and best industry practices.

It also has an impact on the assessment and control of operating and maintenance risks, and is reflected in improvements in productivity aimed at fulfilling the 2025 goal of a culture of self-care, safe environments and zero serious accidents or deaths.

Our frequency index of lost time to work accidents in 2019 was 0.3.

(103-2)(403-1) How we manage it

The main purpose of Occupational Safety and Health is to promote self-care and mitigate work-related accidents and diseases among employees and contractors, as a means to ensure a high level of performance through promotion, prevention and the Epidemiological Surveillance Systems, training in critical activities and educational programs.

OSH management has been broadened to include contractors, as strategic partners, providing them strengthening, flexibility and adequate bases for the development of a sustainable culture.

(403-1) It is led by senior management and implemented with the participation of employees and stakeholders.

It should also be noted that the OSH guidelines are important bases for infrastructure design, development, operation and maintenance, aimed at ensuring safe and risk-free operation.

An example of this is the Safe Infrastructure project, the purpose of which is to reduce exposure to the risk of work in confined spaces (403-2). It is based on the identification of hazards, risk assessment and investigation of the incidents described in the guidelines of the Vision Zero Program. See the annexes for additional information on employee participation in occupational safety and health.

(403-4) Worker participation, consultation and communication on OSH

23 watchmen and 8 employees are members of the Joint Committee on Safety and Health at Work (COPASST, by its acronym in Spanish) (4 appointed by the employer (TGI) and 4 by the workers)

8 people participate in the Coexistence Committee (4 appointed by the employer (TGI) and 4 by the workers)

9% of employees participate in the various OSH committees

(103-3) Assessment mechanisms

- Internal audits by the Integrated Management System at the operating and administrative facilities to verify fulfillment of the requirements of the ISO 9001, OHSAS 18001 and ISO 14001 standards.
- Internal audits by the Internal Audit Department to verify compliance with legal requirements and OSH performance by the company and its contractors.
- External compliance audits certified by Bureau Veritas.
- Quarterly monitoring of the Annual OSH Plan.
- Participation in Sustainable Development and OSH committees.
- Monthly presentation of indicators on employees and contractors (Lost Time Incident Frequency Index and Frequency and Severity Index, in application of the OSHA 300 standard), to the President's Committee and the Board of Directors.
- (403-4) The Copasst Committee, which oversees regulatory compliance, analyzes the causes of work-related accidents and diseases and proposes corrective measures for preventing their recurrence.
- (403-4) The quarterly meetings of the Coexistence Committee focus on the prevention of labor harassment and protecting employees against psychosocial risks that affect health at the workplace. The Committee's purpose is to improve the coexistence among all employees.

Assessment indicators

- Accident rate indicators such as the LTIFI indicator, which is aligned with the corporate strategy based on application of the OSHA 300 standard, which is used by companies to compare themselves against the industry. Other indicators include frequency, severity, absenteeism, prevalence and incidence of occupational illnesses, which are used to guide actions for health promotion and care.

(403-2) TGI has a procedure in place to identify hazards, assess risks and establish controls, which is easily available to all employees and is communicated or discussed at least once a year, through training or retraining.

The assessment takes into consideration factors such as the environment, work with communities and asset integrity, with the aim of implementing controls for the safety of the design and the infrastructure, preventing damages to the processes and injuries to people.

The output of this procedure is the hazard and risk matrix for each work center (districts, compression stations and administrative facilities), which is updated and disseminated whenever regulatory or internal changes are made. Based on current OSH legislation, in 2019, the risk assessment methodology was changed, using GTC 45 as guideline.

Contractor employees and workers have a mechanism for reporting unsafe acts and conditions called the Observation and Assurance Card (TOA, for the original in Spanish). It is a tool to observe, report and record unsafe conditions and to make suggestions for improvement at the work centers (districts, gas compression stations and administrative facilities), with the purpose of preventing accidents.

We also have an incident management procedure which is easily available to all employees. Its purpose is to establish guidelines for reporting, investigating and analyzing any incidents that arise at the workplaces. It covers all workers and



Caring for oneself and the team is part of our employees' culture

is available at the company's facilities. Once the incidents are assessed in accordance with the risks and hazards matrix, corrective or prevention actions are undertaken to eliminate the root causes of the incident.

(403-3) (403-6) The company also has a preventive and occupational medicine program that carries out activities to promote and control employee health, to ensure optimal conditions of physical, mental and social well-being, and to protect them from occupational risk factors, adjusting workstations that are suitable for their psycho-physical conditions and maintaining them in fit conditions to work. Monitoring is performed by

means of medical check-ups made upon joining the company, periodically and when they retire, taking into consideration their profiles and the company's job profile chart. Several other entities participate in the program, including healthcare providers (EPS, for the original in Spanish), health insurers, prepaid medicine plans, occupational risk insurers (ARL, for the original in Spanish), the health promotion program and an agreement with the medical and fitness center Bodytech.

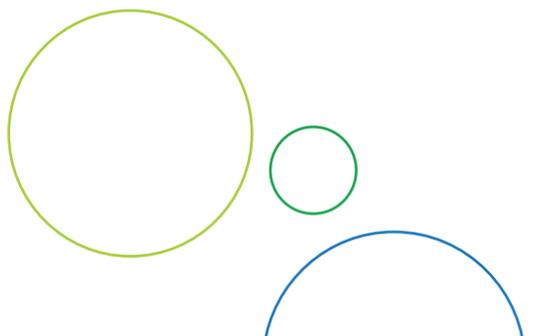
In the last five years we have had zero (0) deaths at TGI and its contractors.

RESULTS

- In 2019, we strengthened our management of contractor companies, by means of visible leadership and participation through interventions, visits, meetings, monitoring and audits, jointly with the companies' leaders and contract supervisors.
- During the year there were no major accidents nor reportable accidents with disabilities among employees. Only 6 reportable accidents with disabilities were reported by contractors.
- **(Own)** The work accident severity index among employees was 13.3 with 12 days of absence; whereas the accident severity index of contractors was 17.5 with 84 days of work absences. See the annexes for additional information.
- **(Own)** Zero deaths in 2019. See the annexes for additional information.
- There were no reports of occupational illnesses diagnosed by the occupational risk insurer (ARL).
- Design and implementation of the action plans based on the findings of the audits of the operations and administrative work centers.
- The Internal Audit Department audited a sample of 9 contractor companies of core business processes and closed the reported findings.
- In 2019, upgrades were made to 37 additional facilities, to mitigate risks of work at heights and in confined spaces, for the safety of our field personnel, for a total of 53 upgraded facilities between 2018 and 2019. We will cover 268 facilities by 2025, to fulfill the goal of zero critical infrastructure facilities.
- **(403-5)** One of the most important results in 2019 was the 50-hour online course on the Occupational Safety and Health Management System (MS-OSH) taken by 97% of TGI's direct employees.
- **(403-5)** Certified training for 90% of employees who perform high-risk activities such as work at heights and in confined spaces.
- **(403-5)** Training of 100% of contract supervisors to strengthen their OSH competencies.
- **(403-8)** 100% of employees covered by the OSH Management System, including workstations subject to internal audits and third-party verification.
- **(EU17)** 900,223 hours worked by TGI employees in 2019, with zero deaths. See the annexes for additional information on the indicators.
- 100% of workers participated in vaccination campaigns and occupational health checkups.
- Health Week activities focused on high-risk jobs, emergency brigades, road safety, healthy habits and risk assessment.
- Noise levels were measured at 100% of gas compression stations.
- The psychosocial risk battery of tests was applied to 88% of direct employees.
- **100% completion of the evacuation drills** scheduled at the 23 operating work centers and the administrative facilities.
- Closing of over 50% of internal audit findings on the Road Safety Strategic Plan (PESV, for the original in Spanish) and characterization of road accidents with and without injuries to people, in order to plan interventions and prevent fatal and serious accidents.
- Intervention of cardiovascular, epidemiological and musculoskeletal risks by a physician, a nutritionist and a physical therapist.
- **Strengthening of contractor company management** through interventions, visits, meetings, monitoring and audits.

CHALLENGES

- Implement the cultural transformation program (Vision Zero – Life Comes First), under group guidelines, with the target of zero fatal or serious accidents among employees and contractors from 2020 to 2022.
- Improve and maintain the programs to prevent work-related accidents and diseases involving the contractors.
- Implementation of actions to intervene in psychosocial risks, noise mitigation and epidemiological surveillance, based on 2019 measurements.
- Structure the map of intervention of the organization's confined spaces.



Environmental Dimension

- 72 Biodiversity Management
- 74 Climate Strategy
- 77 Noise

We preserve the ecosystems, we value, care for and manage biodiversity



Live life

The talent of TGI's employees and contractors lies behind the networks and gas pipelines. Our Life Comes First cultural attribute forms part of every operation, as reflected in the Puerto Romero Vasconia Loop, one of our strategic projects.

Every time **Riquelme Palacio** begins to work, everybody holds their breath. He is a welder, and he is preparing to make two welds to join three pipes, each of 30-inch diameter and 12 meters long. He does so with the precision of a surgeon, assisted by a team in Puerto Boyacá (Boyacá). The precise synchronization of the machines and men makes the job look easy. Then, at last, Riquelme puts out the blow torch and leaves the area. This task summarizes the policy of Life Comes First, which is a commitment between TGI and its contractors during operations.

"The risks associated with my job in this project are landslides, because of the excavations made to lay the connections between 1.50 and 1.80 meters deep," he explains. A few meters above him, Germán Pérez, a pipe-lifting side

boom operator, summarizes his risks: "I advise my coworkers not to step in front of the heist when the load is lifted." Humberto Cerón, an older supervisor, points to the mud under his boots. "The rain has made the terrain very slippery." And Albergol Moreno, an OSH professional contractor, points out additional hazards, such as the risk that machinery in movement may run over someone or topple over.

They all work on the 22.2-kilometer Puerto Romero-Vasconia Loop, which was handed over in December 2019 and is part of the Cusiana Phase IV project. A substantial part of TGI's activities focused in this area in 2019.

"The target of zero deaths in all projects was achieved thanks to good synergies between TGI's Projects, Operations and Maintenance areas, the Sustainable Development Department and the contractors," said Fernando Badillo, the Occupational Safety and Health professional who supervised the work in Puerto Boyacá.

Ángela Rodríguez, TGI's Sustainable Development Manager, believes the strategy is necessary: "We are committed to caring for the life of our employees, suppliers and communities. We are also responsible for the preservation of the environment and natural resources."

Riquelme, one of several welders, is thankful that his company values life, and he is a true believer of safety based on behavior: "Thanks to this, I have never had a work accident. After a day of hard work, the best satisfaction is to get home safe and sound, and to be hugged by those who expect us to come back the same way we left in the morning."

At all geotechnics works and special crossings there are OSH professionals on site, as well as specialized medical units to assist and transport primary emergencies.



400

epiphytes were rescued from the rights of way of the Puerto Romero-Vasconia Loop

80%

of contract supervisors received training on occupational safety and health legal requirements

Biodiversity Management



In 2019, we monitored and managed ecosystem wealth at fifteen points of our operations

Why is this topic important?

(103-1) At TGI we acknowledge the importance of managing and caring for biodiversity, taking into consideration that our gas transportation pipelines cover much of the country and that we operate in areas with highly valuable ecosystems.

We frame our ecosystem management in compliance with environmental legislation and our aim is to minimize our impact and to coordinate activities with key stakeholders in the territory to care for the environment.

Additionally, our corporate goals aim at going beyond minimum legal requirements in order to preserve the country's different ecosystems.

How we manage it

(103-2) Our biodiversity actions focus on recognizing the impact of our activities based on identifying and monitoring of the types of forests and the length of the protected areas through which our infrastructure passes by and their attributes of value, or wealth of flora and fauna, in order to take inventories of species, undertake offsetting programs or projects to preserve the natural resources.

To this end, we work through strategic partnerships, with partners involved in the preservation, restoration and rehabilitation of ecosystems that are highly valuable for biodiversity.

(103-3) We assure effectiveness by complying with Colombian regulations, and we enter into agreements based on voluntary contributions.

RESULTS

- Study of the fauna and flora of the neighboring areas to our gas compression station at Hatonuevo, La Guajira, where it was established that **the quality of the dry tropical forest habitat has not deteriorated**. This process also enabled us to provide training to our neighboring community in the Wayuu indigenous reservation Lomamoto, Guamachito, on the wealth of the fauna and flora in the area. Community members actively participated, especially children, who displayed much interest in learning about the wealth of plants and animals in their territory, and who were particularly curious about why the "non-Wayuu" (biologists) had such knowledge.
- Planning of the corporate activities required to make a balance of pending environmental offsetting requirements pursuant to law.
- Identification of the **impacts on biodiversity** produced by the operation and definition of a plan to quantify them and submit a budget for a work plan jointly with the regional environmental authorities.
- Support for Corpoboyacá, Miraflores regional office, for the preservation of native species of the strategic ecosystem Macizo de Mamapacha y Bijagua; to this end, a nursery will be established to plant Canelo, Ceibo, Oco-bo, Macana Palm and Wax Palm; and **15,000 trees will be planted** in a territory covering the municipalities of Rondón, Zetaquirá Miraflores, San Eduardo and Berbeo, which are influenced by the strategic ecosystem.
- Carry out a pilot program with Corpoboyacá to raise community awareness on the need to stop using plants from the *páramo* ecosystem and to plant native species in five municipalities in the areas of influence. The focus of this project is on the **environmental education of communities** in favor of preservation.
- **(304-1)** Monitoring and management to restore the diversity of fauna and flora at 15 points of our operation near highly valuable areas for biodiversity.
- Enter into an agreement with the environmental authority of Santander to support the BanCO² initiative, which pays the owners of strategic properties to work on the preservation and recovery of deforested areas. This agreement benefits 23 families in the thick lower Andean rain forest ecosystem in Santander, who are in the intervened areas and who work on enabling natural regeneration.

CHALLENGES

- Monitor fauna and flora in ecosystems impacted by our operation, compare effects over time and define action plans.
- Recovery of impacted areas through reforestation contracts entered into jointly with the community.
- Carry out action plans to promote biodiversity that go beyond legal requirements.
- Consolidate our agreement with Instituto Alexander Von Humboldt to support phase II of the Biocontrol Panel and participate in the benefits of the entity's products and official information.
- Replicate the achievements of the gas compression station at Hatonuevo regarding fauna and flora monitoring, with emphasis on infrastructure that is near strategic ecosystems recognized by the regional environmental authorities, to identify threats and establish protection and preservation programs.

We seek to offset our environmental impacts beyond legal requirements.

Climate Strategy

Why is this topic important?

(103-1) (103-2) Global efforts to evolve towards a low-carbon economy in order to mitigate climate change have led to an increase in forecast gas consumption as a clean fuel that is suitable for the transition period from hydrocarbons and fuels to renewable energies.

This challenges us to promote the use of gas and to strengthen our leadership as part of the low-emissions generation chain.

We must also maintain our premise of working on mitigating, offsetting and adapting to climate change, which we have approached by measuring our carbon footprint, mitigating infrastructure leaks, increasing energy efficiency and offsetting our **CO₂ emissions**.

How we manage it

(103-3) The emissions produced by the company are audited in accordance with the technical standards on Environmental Management Systems ISO 14001:2015 and Energy Management Systems ISO 50001:2019, whereas greenhouse gas emissions in performance of activities are verified by a third party.

In order to manage these impacts, our corporate strategic planning includes a target of offsetting 35% of direct emissions covered by scope 1 (flare gas, pilot gas, fuel gas and contingencies).

The evolution of the above indicators is reported to the Board of Directors on a monthly basis.

RESULTS

Carbon footprint management

• Icontec certified that the inventory of our 2018 greenhouse gas emissions under Scopes 1, 2 and 3 fulfilled the requirements of the GHG Protocol and the NTC-ISO 14064-1:2006 standard. The carbon footprint result for 2018 was 140,452.88 t CO₂e. The following is the breakdown of the above total:

Scope 1 operating emissions

- Flare gas (65,142.09 t CO₂e)
- Pilot and fuel gas (9,858.47 t CO₂e)
- Contingencies (39,210.47 t CO₂e).
- Total operating emissions: 114,211 t CO₂e

The company calculates monthly emissions in tons of CO₂e per each million cubic feet of natural gas transported. In 2018, the average indicator was 0.46 and in 2019 it was 0.61

(305-1) (305-2) (305-3)

Direct and indirect emissions (Ton CO ₂ e)	2018	2019
Scope 1 emissions	139,925.4	157,440
Scope 2 emissions	317.1	512.3
Scope 3 emissions	210.4	226
Total emissions Scopes 1, 2 and 3	140,452.9	158,178.3



Control over our infrastructure emissions was one of our achievements in 2019

Direct and indirect emissions (t CO₂e) 2018-2019

This indicator enables monitoring the most significant emissions produced by the operation of the gas compression stations, which are directly related to the volume of gas transported and the number of engines in use. The 2019 total was 106,976 tons of CO₂ equivalent, generated by the fuel gas required for compression and the gas burned by flares and pilots, and a total of 173,857 MMCFD of gas was transported.

Fugitive emissions

Methane emissions caused by gas pipeline breakage is another significant source for the company's carbon footprint. The number of pipeline breaks decreased from 16 to 6, while CO₂ emis-

sions decreased from 40,959 tons of CO₂e to 5,994 tons of CO₂, i.e., an 85% reduction. In October 2019, we launched a campaign to identify and quantify emissions from natural gas transportation infrastructure equipment or components, in order to establish a baseline and an intervention plan for the operations.

As a result, 100% of the infrastructure at the Ballena dehydration station and the Padua gas compression station was measured, and an action plan was implemented at these stations to repair all sources or components such as valves, flanges and other connections, pressure relief pumps and compressors, open line ends and seals of shakers and gates, following the standard of reference US EPA Method 21.



We monitor fauna and flora at impacted strategic ecosystems

Energy Efficiency

- Replacement of 1,184 traditional light bulbs for efficient LED technology, achieving a 75% reduction in energy; and of 118 air conditioners for units equipped with inverter technology, which consume up to 50% less energy.

Offsetting

- Acquisition of 42,000 carbon bonds in the Carvida Duratex S. A. project, of the offsetting program in Antioquia, Tolima, Caldas and Santander, with an area of 5,859 hectares in forestry plantations and 855 hectares of natural forests. The project has been certified under the offsetting program certification protocol, with certificate number COM-CER-18-001.

CHALLENGES

- Implement campaigns to identify and quantify fugitive emissions throughout our infrastructure.
- Demonstrate energy savings in 2020 measurements through the implementation of energy-saving equipment to reduce greenhouse gas emissions.
- Continue the plan to offset our carbon footprint.

Noise

Why is this topic important?

(103-1)(103-2) In line with our purpose of adequately managing our organization's impacts and ensuring legal compliance, we identify and quantify environmental noise levels in order to minimize its effect on the employees at our operation centers and on the residents of neighboring communities.

Managing noise is a priority in order to ensure good community relations and to protect our employees' health and safety.

How we manage it

(103-3) We perform a diagnosis of sound pressure levels in the operations, and we classify and prioritize mitigation measures at centers where we have received complaints or legal petitions from the communities or local authorities regarding noise.

Based on the mitigation prioritization parameters, we develop a joint management plan led by the Sustainable Development Department and performed by the Construction Department.

RESULTS

- Diagnosis of the company's noise mitigation priorities, after having measured 100% of the stations in accordance with regulatory parameters.
- **(Own)** 100% of our facilities comply with environmental regulations in terms of daytime noise, while 75% comply with the parameters for nighttime noise. For this reason, we have set the challenge of achieving 100% compliance with both parameters by 2024.
- Implementation of the noise mitigation priorities based on the characterization of environmental impacts, implementation of offsetting pilot programs and community relations actions. Four stations have been identified as having the top priority.
- Prioritize and execute the soundproofing project at the Padua compression station, with an estimated investment of COP 5,521 million in 2020, which will be equipped with an acoustic noise barrier in rock wool that will enable exceeding environmental mitigation requirements and harmonize relations with the community affected by noise pressure.
- Plan and define a technological solution to measure and mitigate noise, with advisory from the Center for Innovation and Technological Development of the Electricity Sector (CIDET, for the original in Spanish), which will enable us to standardize an effective soundproofing methodology for use at other operating centers of the organization. In this process, over 100 technological options were screened from references worldwide, and the one that was most effective for TGI's operations was selected.

CHALLENGES

- Continue to close the gaps found in the noise mitigation plan in 2020, which has been approved by the Board of Directors.
- Define long-term goals for managing and offsetting this matter.
- Define alternative actions to offsetting noise effects on the neighboring communities to our operation, to which end a specialized firm was contracted.
- Quantify and report in 2020 the level of compliance with the daytime and nighttime noise regulatory parameters and establish an action plan to achieve 100% compliance with both parameters by 2024.



Economic dimension

- 82° Superior performance and profitability
- 85° Market and new business development
- 90° Proactive regulatory management, innovation and quality service
- 92° Growth Projects
- 100° Operations with integrity, Reliability and Efficiency
- 103° Digital Transformation
- 105° Contractor Development



Innovation, on the blackboard

At a school in the Calderón rural district of Puerto Boyacá, a pilot project seeks to produce biogas from wastewater. This is an example of how the sustainability policy of GEB and TGI contributes to technical academic research to the benefit of the territories.

On the cement floor in the central court of the school El Prado, four circles enclose a short but powerful phrase: "I recycle." This school in the Calderón rural district, at 25 kilometers from Puerto Boyacá, has 300 primary and secondary students, and an additional 535 students attend the other five campuses. Its marching band is a great source of pride. But in 2019 a new project took off that has the students talking in the hallways.

The new challenge is to "Produce biogas and organic fertilizers in rural areas using a biodigester connected to a photobioreactor, to add value to wastewater." In simple terms, the project consists in installing a prototype device at the school to turn wastewater into biogas. Once the three phases are implemented and the end results are sta-

1,700 is the population of Calderón, where the average temperature is 31 degrees Celsius

90 students in the tenth and eleventh grades will lead this project and will work on the three planned phases

bilized, the project will be extended to the rest of the rural district. The students in the tenth and eleventh grades will monitor the project.

This rural district was selected because it has no gas available for household use. This project offers the alternative of obtaining clean energy while reducing environmental problems. Liquid wastes have an impact on the environment and they represent an unresolved problem that generates vectors and other risks for the community.

"We hope the prototype will help us solve this problem at the community and that it can be replicated in other areas. I have estimated that about 60% of the population of Calderón uses gas tanks, and 40% uses wood", explains Nelson Enrique Fonseca, who has been a teacher at the school for five years and is the coexistence coordinator.

A team of young researchers with doctoral training from Universidad Antonio Nariño is behind this project and in favor of working with the community. In this manner, TGI is aligned with the fourth Sustainable Development Goal, which aims to "ensure inclusive and equitable quality education and promote lifelong learning opportunities for all."

The main uses for biogas are for the generation of thermal electric energy, to inject it into the natural gas network, or for use as vehicle fuel.

Superior Performance and Profitability

Why is this topic important?

(103-1) Our economic value management is a key and permanent component of our strategy. We make key contributions to corporate sustainability through actions aimed at economic soundness by means of revenue monitoring and assurance, discipline in the use of capital, financial efficiency, backing for operations and the development of new businesses.

How we manage it

(103-2) (103-3)

- We adequately monitor and control the corporate budget, to ensure discipline in spending and adequate liquidity to ensure performance of the company's expansion projects and the fulfillment of its obligations.
- We continuously monitor and manage the company's financial indicators to ensure regulatory compliance and an adequate capital structure, in order to maintain our investment grade credit rating.
- We manage the risks associated with the operation through an insurance program that covers and protects the assets, personnel and properties over which we are legally responsible.
- We maintain adequate communications with our investors through our website, quarterly results conference calls, and reports to regulators, among others.

RESULTS

Economic value generated

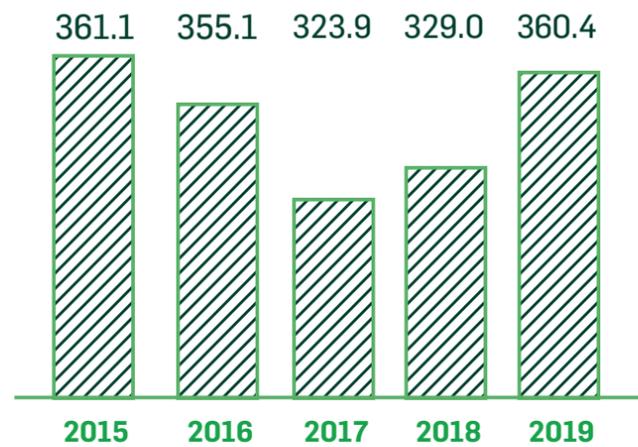
(201-1) Revenues

Operating revenues grew by 6.1% to USD 468.8 million, mainly as a result of higher prices, greater volumes transported and a reduction in suspensions for fixed charges. The latter is also associated with the corporate commitment of maintaining the system's availability.

Financial revenues increased by 56.1% from USD 2.65 million in 2018 to USD 4.15 million in 2019.

EBITDA

EBITDA growth of 9.6% and strong cash flow enabled us to fulfill our obligations with suppliers and creditors, including repayment of a syndicated loan in August 2019. EBITDA increased from USD 329.0 million in 2018 to USD 360.4 million in 2019.



Amounts in millions of dollars

Economic value distributed	316,814
Operating costs (property leases, license fees, royalties, contractor payments, among others)	60,679
Salaries and employee benefits (salaries, pension contributions, insurance, indemnities, payroll taxes, among others)	25,959
Dividends to shareholders (profit distribution proposal)	90,000
Interest payments	69,609
Payments to governments, by country (taxes, fines, penalties, permits, among others)	68,967
Investments in communities	1,600

Amounts in millions of dollars

Explanatory notes

- In 2019, a new item was included for the dividend distribution to shareholders.
- Interest payments include all financial expenses, excluding equity method expenses.

Our ongoing economic sustainability goals are to maximize financial efficiency and drive profitable growth.

Economic value retained totaled USD 156,157,221, up 17.3% compared to 2018.

Operating profits

USD 248.8 million - 2018

USD 269.4 million - 2019

8.3% change

Net profit **(102-7)**

USD 136.0 million - 2018

USD 125.9 million - 2019

-7.4%

(201-1) Economic value distributed

- Operating costs remained stable compared to 2018.
- Payroll expenses associated with salaries and other benefits increased slightly compared to the previous year.
- A dividend payment to our shareholders was declared for a total of USD 90 million.
- Compared to 2018, taxes and government-related payments increased by 55.0%, mainly due to a greater income tax provision in 2019 compared to 2018.

Market and New Business Development

(103-1) Why is this topic important?

We seek to develop new markets and businesses that connect supply and demand through our infrastructure, in our capacity of industry leaders who promote the development of initiatives to substitute other fuels for natural gas, positively influencing regulations that ensure and increase supplies with high quality of service in the regions in which we operate, and designing energy-efficient and sustainable solutions that contribute to reducing greenhouse gas emissions and improve the quality of the air we breathe.

These objectives require us to remain one step ahead in developing activities that address the needs of an ever more competitive environment, in which we aim to remain, grow and satisfy our customers and achieve our purpose of positioning natural gas as the preferred energy source.

Our vision of the future is the basis for our efforts to grow in current markets and those with future potential. We achieve this through innovation, information management and knowledge.

(103-2)(103-3) How we manage it

To this end, we promote and facilitate gas consumption; we aim to position ourselves as strategic partners in the energy value chain. In order to drive the market, we advocate a modern and flexible regulatory agenda and we promote studying and developing alternative projects and businesses of more efficient energy sources, always aiming to provide a reliable and high-quality service that enables us to develop long-term relationships of value.

The area responsible for these efforts is the Business Development Department, which takes the lead in matters related to competitive strategy, new businesses, customer service and regulatory management.

- We manage the risks associated with the operation through an insurance program that covers and protects the assets, personnel and properties over which we are legally responsible.
- We maintain adequate communications with our investors through our website, quarterly results conference calls, and reports to regulators, among others.



Fulfillment of our business agreements represents financial stability for TGI

Other relevant performance results

- Repayment of USD 40 million of total financial debt with company resources, in fulfillment of the credit terms. Interest payments decreased by 22.36%.
- The leverage ratio of total debt/EBITDA improved from 3.56 times in 2018 to 3.15 in 2019, leaving us in a more comfortable position in terms of our indebtedness ratios.
- We maintained our investment grade credit ratings at Baa3 stable from Moody's, BBB stable from Fitch Ratings and BBB- stable from Standard and Poor's.
- Implementation of the CGA information system, which automatically integrates invoicing to customers, providing operating efficiencies.
- Adoption of the international financial reporting standard on leases, IFRS 16, in compliance with regulatory requirements.

CHALLENGES

- Ensure that the budgeted revenues for 2020 are achieved taking into consideration the start-up of Cusiana Phase IV.
- Continue to support the development of strategic projects to ensure new revenues, either by UPME decisions or at the company's own risk.
- Maintain operating efficiency in terms of costs and expenses.

RESULTS

Promotion of natural gas consumption

- We took action to manage our role as integrator, facilitator and promoter of the increased use of natural gas, by working jointly with producers, distributors, technology providers and end users.
- We identify and structure future alternatives to achieve sustainable long-term revenues from the Ballena – Barranca infrastructure.
- **(Own)** We surpassed the goal of additional volume and market development, which was set at 18 MMCFD, against an actual 21.8 MMCFD, which ensures clean air and productivity for Colombia.
- **(Own)** Total incremental demand incorporated by the industrial line totaled 15.1 MMCFD.
- **(Own)** Total incremental demand incorporated by the cities and gas mobility line totaled 6.7 MMCFD.
- **(Own)** We incorporated 23 companies that acquired fleets powered by Vehicle Natural Gas (VNG) in 2019 for solid waste collection, transportation of food products, logistics, passenger transportation and cement manufacturing, among others.
- Of the 6.5 additional MMCFD incorporated in cities and mobility, 4.8 MMCFD were from the incorporation of 306 VNG-powered cargo vehicles, plus the awarding of 534 VNG units (registered) for the Bogotá mass transport system (SITP), for a total of 840 units.
- **(Own)** The other additional 1.7 MMCFD in mobility are the result of the installation of kits to convert vehicles from gasoline to VNG.
- We identified 265 transportation companies with opportunities to incorporate gas-powered vehicles in their fleets, which we expect to develop over the next three years.
- We have identified and located potential consumption of 70 MMCFD in projects to substitute coal, auto and co-generation and cofiring (simultaneous combustion of bagasse and natural gas).
- We have identified pilot plans to increase demand for gas in household and commercial areas, working jointly with distributors throughout the country.
- At all levels, we promote flexible and favorable regulations for the use of VNG.

Business structuring

- We have identified the natural gas sources and resources, which we use as input information to plan the expansion of gas transportation and midstream services.
- We carried out a study on potential markets, based on which it was recommended that we obtain a better understanding of liquefaction in order to develop the LNG market at a small scale in Colombia, to explore opportunities for strategic gas storage, and to explore initiatives for gas processing and treatment to complement the current infrastructure.
- We referenced and structured a transportation project using virtual gas pipelines that may be highly viable, as they facilitate shipping the gas without having to build large gas pipelines, reducing the environmental impact compared to building traditional infrastructure, while facilitating transportation to areas of the country that are not connected to the network.
- We carried out a detailed study of Latin American countries and Colombia to determine new investment opportunities in the region, as well as opportunities for organic and inorganic growth.
- **(Own)** Our market share increased by 7 percentage points from 47% in 2018 to 54% in 2019.

Service with quality

- **(Own)** We received a service quality score of 8.2 over 10, which is in the excellent range and higher than the previous measurement reported in 2018, which was 8.1. Additionally, our reputation score increased substantially from 63% (8.1) in 2018 to 75% (8.4) in 2019.

(102-6) (Own) Types of customers

Customer type	Number of customers
Distributor	21
Commercialization	15
VNG	4
Industrial	3
Thermal	2
Total	45

(418-1) In 2019, TGI did not receive any substantiated complaints in connection with breaches to the privacy of customer information

(Own) In terms of customer satisfaction, out of 88 effective surveys, 79% of surveyed customers said the service fulfills their expectations and 6% said the service quality is above expectations.

Would you say that your relationship with TGI...



Total base of respondents: 99

Total base of respondents: 44

Source: CNC - Customer relations assessment.

(Own) The above is consistent with their perception of service quality. The survey indicated that service is perceived as excellent, with a score of 8.2 over 10. The average score between 2016 and 2019 has remained at 8.2.

TGI Perception of quality

Year	2016	2017	2018	2019
Perception of quality	8.1	8.4	8.1	8.2
Percentage of users assessed (No. of surveys/No. people contacted)	68.35%	52.38%	41.25%	81.48%



We benchmark the best international practices to promote new industry regulations

(Own) Regulatory Management

- We performed international benchmarking with transportation infrastructure remuneration models, concluding that it is viable to recommend the adoption of the entry-exit methodology as the best way to develop the gas market in Colombia. The same study concluded that the section Ballena – Barranca could be considered a reliability asset, due to its importance in connecting the inland and coastal systems.
- We received and completed a technical assessment by CREG of 70 assets, to move forward in the Regulatory Useful Life process.
- We updated the information in the rate file as of June 2019, which enables the company to better prepare for the future rate methodology to be issued by CREG in 2020.
- Proposals were made to the various documents or administrative acts published by the regulatory body, such as the proposal for commercialization of transportation capacity (CREG Res. 082/2019), which aims to make the proposal more dynamic to benefit the senders of transport capacity. Proposals were also made on the calculation of WACC (weighted average cost of capital), in order to adequately remunerate the risks gas transportation agents are exposed to in Colombia.
- We explored possible scenarios for new rules on vertical integration in order to increase fairness in industry regulations, and particularly those that affect the gas transportation business.
- A proposal was submitted to the policy and regulatory bodies to enable thermal power generation plants to have access to the regasification plant of the Pacific

and thereby reduce the payments to be made by the users who benefit from this infrastructure, with its corresponding advantages for the electricity industry and a recovery in natural gas demand by the thermal sector.

- Jointly with the Naturgas industry association, we provided support for issuing a bill to promote natural gas as an energy source for vehicles, which has passed the first debate in the Chamber of Representatives and continues in the legislative process.
- We also promoted the inclusion in the agenda of the Andesco Congress of an industry expert to share his experience with different sectors on the complementarity of generation using both Non-Conventional Energy Sources (FNC-ER, for the original in Spanish) and natural gas in the world, and particularly in the Brazilian market. This presentation was also made at the Ministry, accompanied by the members of Focus 2 of the Energy Transformation Mission.

CHALLENGES

Promote consumption

- Structure a product portfolio for the industrial sector to enable us to increase consumption and substitute other fuels for natural gas.
- Develop the market with 265 companies in which opportunities were found to increase the number of gas-powered vehicles in their fleets.
- Create the technical, regulatory, operational and commercial conditions to make full use of the 70 MMCFD identified as an opportunity for consumption by industry through the implementation of substitution projects.
- Create pilot projects in the short term to assess, make viable and implement in the short term plans to increase consumption by the household and commercial sectors.

Business structuring

- Participate in the bidding process for Regasificadora del Pacífico and the Buenaventura-Yumbo gas pipeline, as a supply and back-up project for national natural gas supplies.
- Begin the conceptualization of a project to re-gasify liquid gas as an alternative to make use of the installed capacity at the Ballena - Barranca gas pipeline, to which end the pre-conceptual engineering studies will be contracted.
- Assess the feasibility of substituting diesel fuel for LNG for electric power generation in the island of San Andrés, and of other gas supply initiatives for the Pacific coast and Colombia's northeastern region, among others.

New low-emissions generation projects inspire our transformation to address the energy market's future needs.

Service with quality

- Improve our response level in time and quality.
- Structure an action plan focused on improving relations with customers through the implementation of targeted activities to enhance the perception of the service provided by TGI.

Regulatory Management

Short term

- Continue to promote the adoption of a transportation rate methodology that incorporates best international practices and that includes a WACC rate that adequately reflects the risks faced by the business.
- Promote a natural gas supply plan that gives long-term signals (10 years) to the chain, in order to make viable demand projects and to define the reliability assets required to ensure service continuity.
- Achieve a Regulatory Useful Life assessment that reflects the conditions of gas pipeline construction in Colombia.
- Identify assets that have a reliability and supply role in order to set adequate remuneration for them.
- Propose an adequate gas-electricity coordination structure that acknowledges the needs and benefits of both sectors.
- Promote progress in Transitory Supply Investment Project Plans (IPAT, for the original in Spanish), given their importance for the country's reliability and supply.

Medium term

- Promote competition under equal conditions between value chain participants by changing the rules on vertical integration in Colombia.
- Promote commercial arrangements for regasification plants to serve as backup for the entire national transportation system.
- Assist in the implementation of the suggestions of the Energy Transformation Mission, particularly in the event of a change in the transportation methodology.

Growth Projects



A happy and well qualified team enables us to improve our management to grow in the market

(103-1) Why is this topic important?

Our infrastructure growth, maintenance and improvement projects provide support to operational continuity, to expand the business and address market needs in a timely and cost-effective manner in order to fulfill our value proposition of reliable, continuous and high-quality service.

When we structure, plan and execute corporate infrastructure, we are also challenged to manage with a vision of the future and to proactively manage our natural and social environment simultaneously with our operations and plans.

(103-2) (103-3)

How we manage it

Our infrastructure expansion and maintenance projects are matured and managed by means of joint work between the Projects and Assurance departments and other TGI areas, to support our internal processes and business expansion plans.

All our expansion projects are aligned with the Corporate Strategic Plan, and are consequently taken into consideration in our business consolidation and expansion decisions to ensure our capacity to address expected increases in demand and mass use of gas as the cleanest fossil fuel available.

RESULTS

- Increase in transportation capacity and support for the Colombian energy system with the start-up of the Puerto Romero Vasconia Loop, which forms part of the Cusiana Phase IV expansion project, a 22.5 kilometer long and 30-inch diameter pipeline that increased the capacity of the National Transportation System by 46 million MMCFD, equivalent to 5% of total capacity in Colombia. It should be highlighted that this project was built in a record time of 10 months, over 2 kilometers per month, and was delivered one month ahead of the agreed schedule, which makes it a milestone in the infrastructure sector and demonstrates our execution capacity. 100% of the Cusiana Phase IV expansion project will be in operation in 2020.
- The Cusiana Phase IV expansion project created about 600 jobs during the peak building stage, helping to drive the goods and services sector and increasing the life quality of the municipality of Puerto Boyacá, in the department of Boyacá.
- Progress in the works for the two-way flow at Ballena – Barrancabermeja, which ensures availability to transport a flow of 100 MMCFD from inland Colombia to the north of the country. These works enabled the south-to-north flow over the gas pipeline, maintaining the capacity to transport 260 MMCFD in the north-to-south direction, as it has operated since it was first built. This project is very important because it will enable transporting gas to the Colombian north coast at a time when current sources in the area are declining to supply the south of the country.
- Completion, withing the agreed time, efficiency and cost parameters, of the projects to transfer the Boquemonte Inspection Chamber and the Pompeya Section; these works required a great deal of precision to secure the operation's stability and natural gas supplies.
- Optimization of the City Gates, which are the points where gas is transferred to the cities, on which works were performed to optimize gas delivery in accordance with parameters established by CREG, to begin distribution to homes and industries under conditions of safety and lower environmental impact. - Completion of four new connections to the National Transportation System to supply major senders. - Progress in the next stage of the Safe Infrastructure project to improve corporate facilities that require measures and special protection to work in confined spaces and at heights, in order to

help reduce risks associated with Occupational Safety and Health.

- Planning of the soundproofing project at the Padua Compression Station, which despite its natural isolation requires a noise solution to prevent effects to the neighboring community. In this project, the plan is to build an acoustic barrier made of rock wool, which was the technology selected from among 100 alternatives referenced for TGI by the CIDET technical center, and which will be replicated in other operations centers.
- Participation in the national government's Works for Taxes program, through which companies can undertake works with social impact in areas affected by the armed conflict in lieu of tax payments. TGI has successfully engaged in a project of this type in the urban area of the municipality of La Paz, Cesar, where a water and sewer network is being built to ensure the supply of running water.

CHALLENGES

- Complete and start up the projects within the assigned scope, time and budget.
- Enhance project risk management at the operating level.
- Implement a budget estimation platform.
- Assist the commercial area in developing new initiatives, opportunities and projects with customers.

(103-3)

2019 Projects

Cusiana Phase IV expansion

Objective



Increase natural gas transportation capacity at the Cusiana - Vasconia gas pipeline by 58 MMCFD, to unify them throughout the document.

Areas of influence



Puerto Boyacá (Boyacá), Miraflores (Boyacá), Jesús María (Santander) and Florián (Santander).

Achievements



- Started up operation of the Puerto Romero - Vasconia loop. This enables carrying gas from the central region of the country to the Antioquia region.
- The first 22.5 kilometers were built in record time (10 months).

Budget

USD 92.3 million

Investment in 2019

USD 31.95 million/
COP 105,312 million

2019 completion rate

80.52%



Economic, social and environmental impacts



- The project involved a team of 460 people, including employees and contractors, and created close to 100 jobs in the districts of Calderón, Velásquez and Pizarra in Puerto Boyacá.
- Excellent relations with the communities, institutions, corporations and other stakeholders in the areas of influence of the project.
- Backing was provided for 80% of the country's electric power generation.

2020 Challenges



- Start up operations of the loops at Puente Guillermo - La Belleza and El Porvenir - Miraflores.
- Complete the civil works.

Two-way flow at Ballena – Barrancabermeja

Objective



Assure the security and reliability of the natural gas service in the country over the next years.

Areas of influence



Barrancabermeja, Santander; San Alberto, Cesar; Aguachica, Cesar; Curumaní, Cesar; Agustín Codazzi, Cesar; La Jagua del Pilar, La Guajira; Hato Nuevo, La Guajira.

Achievements



- Mechanical availability of the project to assure a flow of 100 MMCFD from the central region to the north of the country.

Economic, social and environmental impacts



- It creates job opportunities for skilled and unskilled labor in the region.
- It generates economic revenues in the regions through the distribution of accrued taxes and the consumption of goods and services.

2020 Challenges



- Integrate signals into the SCADA TGI system.
- Complete the project's civil works.

Budget

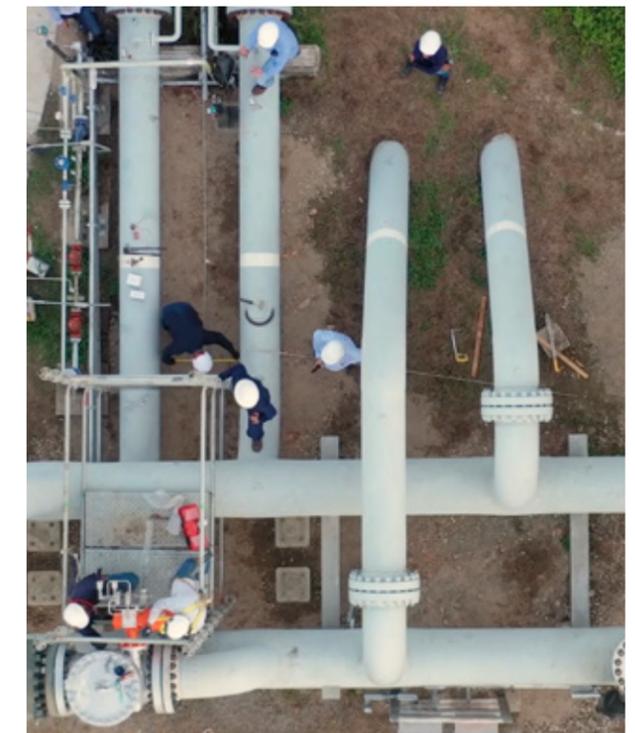
USD 2.53 million

Investment in 2019

USD 2.14 million/
COP 7,226 million

2019 completion rate

90.72%



Transfer of Boquemonte Inspection Chamber

Objective

- Assure inspection of the Sucre Oriental - Cogua section, of approximately 65 kilometers.

Areas of influence

- Chiquinquirá, Boyacá.

Achievements

- Mechanical completion was achieved in the third quarter of the year.
- The project to Transfer the Boquemonte Inspection Chamber enables sending inspection tools through the Sucre Oriental Cogua gas pipeline, to assure its integrity. The activities to disassemble and transfer the inspection chamber were achieved through teamwork and coordination. The activities were successful thanks to careful planning, the engagement of personnel trained and qualified for maneuvers of this type, and the design of specialized tools and equipment.



Budget

USD 1.5 million

Investment in 2019

USD 0.75 million/
COP 2,551 million

2019 completion rate

97.5%

Economic, social and environmental impacts

- It creates job opportunities for skilled and unskilled labor.
- It generates economic revenues in the region through tax distributions and the consumption of goods and services.

2020 Challenges

- Project close-out.

Replacement of Sections



Objective

- Replacement of sections that have reached the end of their regulatory useful lives, according to CREG Resolution 126/2016.

Areas of influence

- Yondó, Antioquia; Barrancabermeja, Santander; Puerto Wilches, Santander; Cantagallo, Bolívar; San Pablo, Bolívar; and Villavicencio, Meta.

Achievements

- Start up of operation of the Yarigués- Puerto Wilches section.
- Start up of operation of the Pompeya section.

Economic, social and environmental impacts

- It creates job opportunities for skilled and unskilled labor in the region.
- It generates economic revenues in the municipalities through tax distributions and the consumption of goods and services.

2020 Challenges

- Start up operation of the sections at Zona Industrial Cantagallo - Cantagallo; Cantagallo - San Pablo; Galán - Yondó.
- Complete the project's civil works.

Budget

USD 11.6 million

Investment in 2019

USD 5.46 million/
COP 18,276 million

2019 completion rate

97.5%

Works for Taxes

Objective



Improve the coverage and service continuity level of the water utility service for the population of the urban area of the municipality of La Paz, Cesar. The aim is to improve the living conditions of the population by improving the drinking water supply system.

Areas of influence



La Paz, Cesar.

Achievements



- The mercantile trust contract was signed.
- The equivalent amount to the taxes was deposited within the time frames established by the tax authority (DIAN).
- Approval of the project's overall timetable by MVCT.
- Contracts were signed with third parties (civil works and contract supervision).
- The project management, civil works and contract supervision contracts were signed.
- Certificates of commencement were signed for the civil works and contract supervision contracts.

Economic, social and environmental impacts



- Relations with the communities and contribution to social responsibility in the country.
- It creates job opportunities for skilled and unskilled labor, and economic revenues for the municipalities through the distribution of taxes and the consumption of goods and



services in the regions.



Challenges

- Delivery of the project to the Ministry of Housing, Cities and Territories of Colombia in the fourth quarter of the year.

Budget

USD 2.66 million

Investment in 2019

USD 0.006 million/
COP 20.1 million

2019 completion rate

39%

Upgrade to City Gates of the Mariquita – Cali Gas Pipeline

Objective



Increase capacity and improve the reliability of the systems that comprise the city gates.

Areas of influence



In Valle: Florida, Cali, Guacarí, El Cerrito, San Pedro, Andalucía, Roldanillo, La Unión and Cartago; in Quindío: Montenegro, Quimbaya and Calarcá; and in Caldas: Palestina, Neira and Manizales.

Achievements



- Mechanical completion of 16 city gates, to assure service availability and continuity and improve system reliability.

Economic, social and environmental impacts



- **It offers job opportunities for skilled and unskilled labor in the region.**
- It generates economic revenues in the municipalities through the distribution of accrued taxes and the consumption of goods and services.

2020 Challenges



- Systems and equipment testing.
- Protocols for ISO 17020 certification of each city gate.



Budget

USD 2.9 million

Investment in 2019

USD 1.53 million/
COP 5,207 million

2019 completion rate

82.49%

Safe Infrastructure

Objective

- Minimize the risk exposure of workers during performance of operations and maintenance activities in confined spaces, by means of upgrades to the facilities in accordance with regulations for the prevention of work accidents.

Areas of influence

- North, southwest and central-eastern areas of the country (covering all TGI's transport infrastructure).

Achievements

- As part of the company's commitment to Occupational Safety and Health, TGI's strategic map includes the objective of "Consolidating a strategy for sustainable development and best corporate governance practices," which includes the Safe Infrastructure Project. The Safe Infrastructure Project is aimed at improving OSH conditions for operations personnel, by further upgrading the physical conditions of confined spaces at the company. In 2019, the project made progress in the following aspects:
 - Approval of phase 2 – Safe Infrastructure Stage 1 (23 major facilities).
 - Approval of phase 3 and start of phase 4 – Safe Infrastructure Stage 1 (23 major facilities).
 - Start up phase 2 – Safe Infrastructure Stage 2: (30 facilities).

Economic, social and environmental impacts

- Motivation for workers who perform O&M activities at the company.

2020 Challenges

- Mechanical completion, upgrades at 23 locations (stage 1).
- Close-out of stage 1.
- Approval of phases 2 and 3.

Budget

USD 2.17 million (stage 1)

Investment in 2019

USD 0.2 million/
COP 655.74 million (stage 1)

2019 completion rate

18.19% (stage 1)



Operations with Integrity, Reliability and Efficiency

Why is this topic important?

(103-1) As part of its commitment to the adoption of best industry practices, TGI has promoted the implementation of an Integrity Management program involving all activities related to core business assets, to assure the operations, manage risks and define mitigation plans in order to assure the transportation service we provide our customers and minimize financial impacts due to service interruptions, with the highest safety, quality and efficiency standards.

(103-2) The program is led by the Operations Department and is managed through three initiatives:

1. The Integrity Management Plan manages threats and identifies the risks the infrastructure is exposed to, and carries out activities related to information management, risk assessment, integrity assessment, and risk response, mitigation, repair and monitoring actions.
2. The Asset Management Plan, aligned with best practices, enables us to move forward in continuous improvement, to establish the processes related to the implementation of the maintenance strategy, and to define internal standards to leverage the company's activities.
3. The Integrity Management System is a key element for maintaining the integrity of the gas transportation infrastructure, achieving greater operating efficiencies and optimizing the assigned resources. To this end, a specialized tool was selected and implemented to manage risks associated with the variables that affect the integrity of gas pipelines (PIDT), which enables the centralized management of information for decision-making and to design strategies for safe operations, with no adverse effects to employees, customers, neighboring communities or the environment.

(103-3) Assurance of the gas transportation processes is developed based on the vision of Grupo Energía Bogotá and the Zero Vision program, which not only guides management in guaranteeing worker safety and health, but also in terms of aiming for efficiency.

Our Integrity Management program assures the operation, manages risks and defines mitigation plans for effective operations.

How was it achieved?

The indicators and initiatives of the Strategic Plan are monitored in terms of achievement of the organizational goals. The goal is to achieve efficient operations and maintenance in order to ensure the infrastructure's integrity and reliability. Every month the achievements and results of each initiative are reported to the Operating Committee of the Board of Directors, and a quarterly report is submitted to the Board of Directors. The goal of superior performance is driven by monitoring and analyzing results and operations improvement proposals made by the operations and maintenance teams through the primary committees.

Performance is measured by fulfillment of the indicators associated with:

1. Reduction of impact on revenues due to suspensions related to maintenance tasks.
2. Number of scheduled hours of suspension in service provision.
3. Integrity Management Plan (Risk Model).
4. Asset management plan.
5. Integrity Management System (PIDT tool).
6. Continuity of the system's service.

RESULTS

- The implementation of the Comprehensive Integrity Risks Model is aligned with that of the parent company GEB, which enables i) performing an assessment of the level of exposure to the various risks faced by the infrastructure; ii) defining the mitigation and monitoring methods to be used, the inspection plans and prioritization of responses, based on international standards and Colombian regulations. This plan was implemented and optimized in a pilot test for the Cusiana – Miraflores gas pipeline. iii) Minimizing risks to tolerable thresholds that are acceptable to the organization.
- The gas pipeline inspection cycles are performed using the *In-Line Inspection* (ILI) methodology, following the integrity assessment of the last sections included in the cycle. In 2019, a target of 9% of the total area was established, specifically for the sections Sutamarchán-La Belleza, Casacará-Curumaní and Sucreoriental-Cogua. In total, 6% of the area was successfully inspected, and the Sucreoriental-Cogua section was rescheduled for 2020 due to technical adjustments to the infrastructure. Including the above, the 2016 – 2019 inspection cycle has covered 97% of the total area.
- Progress of the Asset Management Plan. The plan for 2019 included i) Structuring the Master Plan of the Integrity Management program, by means of the documentation associated with the Integrity Management plan and the Performance Plan (based on the ASME 31.8 S standard) and ii) drafting of 37 documents of the 2019 internal standardization plan, 26 of which are of the Construction area and 11 of the Operations area, achieving 100% fulfillment of the established goal.
- **(Own)** In 2019, the continuity rate of the transportation system was 99.92%
- **(Own)** The number of hours of interruption due to scheduled maintenance was 218 hours below the target of 285 hours, thereby producing lower impact on revenues than the budgeted amount.
- Structuring, configuration and implementation of the integrity software customized for the context of TGI's infrastructure (PIDT), which unifies and standardizes the information on threats, provides threat status information, integrity assessment, decision-making criteria and response, mitigation, repair and monitoring information, and it additionally ensures the efficient assignment of resources, among other factors.
- Controlling the indicator on the maximum number of hours of service interruption per year due to scheduled maintenance by the company, and its impact on gas transportation revenues, which represents greater demands and efficiencies in the daily coordination of the transportation system.



Our greatest challenges are to speed up the processes and times, and reduce errors.

Digital Transformation

Why is this topic important?

At TGI we conceive our digital transformation as a cross-cutting process within our Strategic Business Plan. The activities of digital transformation focus on three key pillars: processes, people and new technologies.

The approach is based on reviewing the way things are currently done in order to find ways to optimize the resources with the support and use of smart tools in order to obtain the best results and effectively achieve our goals.

The digital transformation process focuses on providing support to operations, consolidating TGI's position in the industry, the company's growth and fulfillment of contractual terms, in order to solidify long-term business relationships.

While never neglecting the operation, we aim to become strategic enablers for the business.

The Information Technology Strategic Plan initially focused on the gas transportation support system. The previous system fulfilled the needs of the Operations Department, but only controlled the nomination process and posted records to the general ledger accounts. The new platform manages the process from end-to-end, starting with the sales process and ending in billing, involving all operating aspects, including detailed management of general ledger accounts, all within regulatory requirements.

Given that gas transportation is the priority, a cross-disciplinary work team was created involving areas such as sales, operations, regulatory compliance and finance, to launch the digital transformation process, defined not as the application of technology, but as an evolution of the organization's processes leveraged by tools that enable the simplification of procedures and the minimization of errors, based on business requirements and changes in the business.

How was it achieved?

In June 2019, we began to implement the software with guidance from Aveva Group plc, a UK-based information technology company.

This technological intervention model is transforming the organization by changing both the technology and the way people work. The new technological platform, CGA, was integrated with the SCADA measuring system and the SAP SD billing module, thereby automating the entire process and eliminating manual processing.

Now we are able to visualize in real time the capacity and availability of each pipe, in order to make quicker and more effective deals.

CHALLENGES

- Continue to develop the Integrity Management Plan by implementing the integrity and risk management tool (PIDT), fully configured and suitable for decision-making throughout the transportation system infrastructure. In the medium term, the segments identified as "high risk" in the baseline will be managed. In the longer term, the process will be stabilized, assuring the resources and lowering risks to tolerable levels (as low as possible).
- In the short term, run the ILI in the gas pipeline section Sucreoriental-Cogua to complete 100% of the cycle for the infrastructure that can be inspected with smart tools. In the medium term, the inspection plan for the next cycle

will be structured and performed of the area that can be inspected using technologies of this type, and over the longer term the inspection plan will be adjusted based on the risk assessment.

- Asset Management Plan: In the short term, all the supporting documentation will be structured for the Master Integrity Plan, as well as the reliability work plan for the core assets of the business. In the medium term, the reliability engineering tools and techniques will be strengthened, and in the longer term maintenance decision-making will be leveraged by means of maintenance and risk management systems.

Initiatives

Following the implementation of this process, new technological requirements arose in different company areas, such as the Sales and Operations areas, which can both make use of the data obtained from each process for relevant decision-making purposes. To this effect, dashboards were developed to automatically provide the different areas access to the information they require for analysis in their own processes.

Investments are being made in IT assets that add value to the business based on the requirements of each process. This not only contributes to the migration towards smart tools, but also provides the areas greater autonomy over the information they require for decision-making.

Travel expense management dashboard. We are developing a dashboard on travel expense allowances for the Audit area. The system enables the area to review who made such expenses, where, and for how long, in order to control the allowances made by the company for performance of their activities and to optimize the use of these resources.

"Each area requests the information it requires, according to its needs."

The dashboards will be progressively implemented throughout the company, because this transformation is directly associated with the company's business activities, in accordance with the needs for analysis over time. Ideally, a business intelligence area will be created to orchestrate the company's analytics strategy.

One of the priorities of our technological transformation is to use business intelligence as an analytics tools.

The increased strengthening of operations through technological tools was instrumental in increasing our company's effectiveness and efficiency in 2019.

RESULTS

- CGA Transportation System.
- Design of the cybersecurity model.
- Design of the backup DRP at the computer center.
- Definition of the strategy to unify applications.
- Business intelligence and data analysis.
- The Integrity area application. It predictively helps manage gas pipeline assets based on environmental variables, in order to perform maintenance.

CHALLENGES

- To become 80% strategists and 20% operators, in order to achieve TGI's value proposition.
- Cover all business areas.
- Continue the consolidation process to ensure the operation has the tools it requires.
- Make full use of the company's information through a data analysis strategy that is currently in progress. It already covers a few areas, and in 2020 it will provide support to the sales area to enhance its accuracy and efficiency.

Supply Chain



We provide support to the operations through a Strategic Sourcing Model

(103-1) Why is this topic important?

The Sourcing Department leads the activities aimed at satisfying purchasing and contracting requirements in a timely manner for adequate performance of the company's activities, and consequently works in coordination with the various corporate areas.

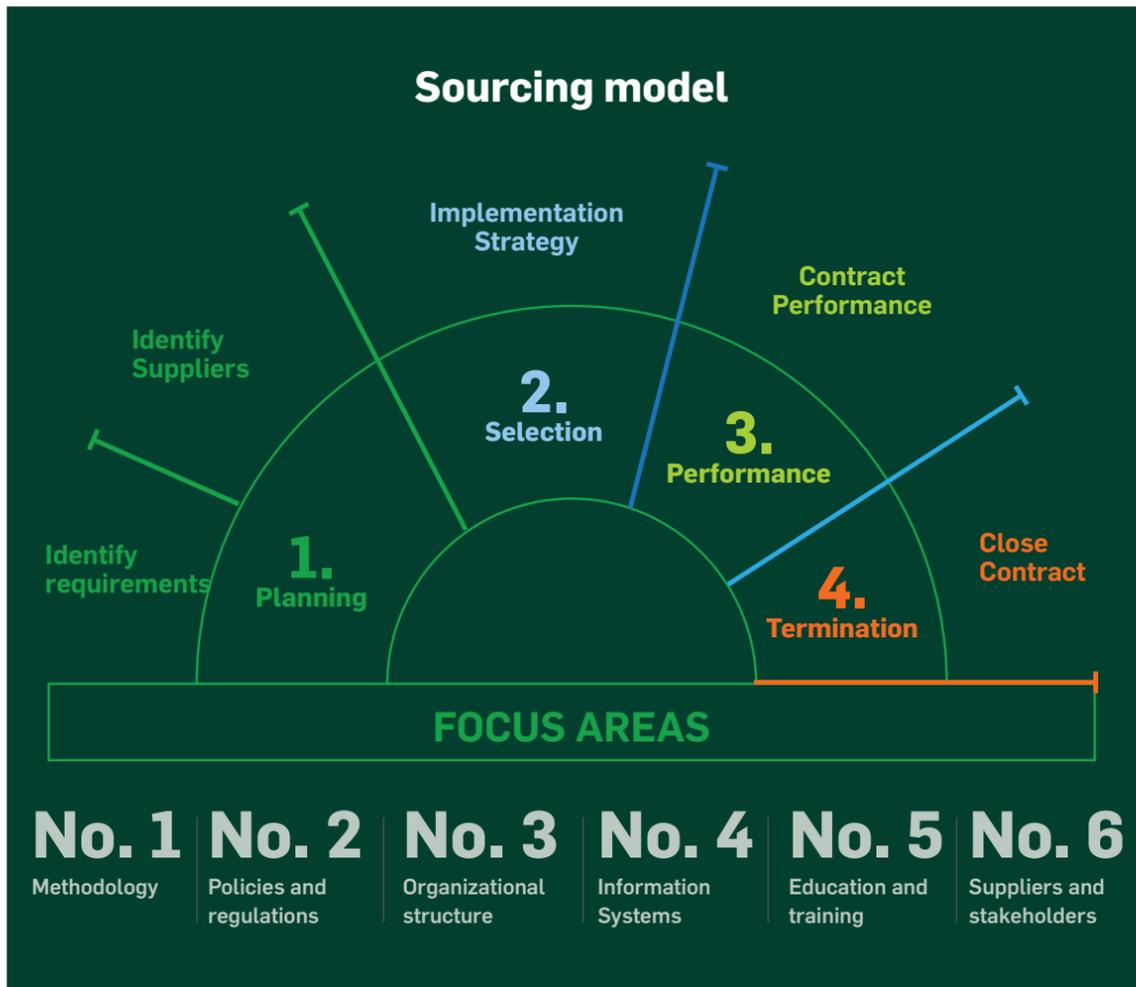
Its aim is to carry out an effective sourcing process, from planning to acquisition, as a function of cost, risk, impact, opportunities and market conditions. Consequently, one of its key objectives is to objectively identify and select suppliers who fulfill the environmental, security, occupational health and good social practices standards implemented by the company and Grupo Energía Bogotá. The contracted suppliers provide consulting services, equipment and support for civil works and maintenance, to ensure efficient and reliable operations nationwide.

How we manage it

(103-2) (103-3) Our supply chain management is aligned with the Strategic Sourcing Model and the Sourcing Policy, which fulfill the principles of planning, equality, morality, effectiveness, economy, timeliness, impartiality and publicity.

We additionally have a Contracting Manual and a Works Management and Contract Supervision Policy; as well as Instructions for Supplier/Contractor Performance Assessments, which contribute to competitiveness and quality and ensure responsible, sustainable and effective sourcing as a function of cost, risk, impact and timeliness.

The Sourcing Management standards, forms, templates and procedures form part of the company's Integrated Management System and its indicators.



Additionally, the contractor selection and contracting processes are subject to approval by corporate bodies, depending on the amounts involved, in accordance with the corporate governance guidelines of TGI and GEB. The responsibilities of the operating and executive contracting committees are defined in the Contracting Manual.

The processes are randomly audited by the Internal Audit Department, or specifically at the request of any interested party.

We also have an HSEQ and Social Manual for Contractors, which establishes the requirements contractors and subcontractors must fulfill regarding Occupational Safety and Health, social, environmental, energy and quality management, during performance of contractual activities.

As part of the assurance and monitoring program, contractor assessments are performed, covering topics related to HSE and social man-

agement, as specified in the Instructions for Performance Assessments. The contract supervisors are responsible for performing the assessments, and the Sourcing Department is responsible for managing the assessment tools, consolidating the information and establishing the actions to be taken pursuant to the instructions.

Regarding HSE, the contract supervisor is responsible for ensuring fulfillment of the requirements established in the manual, as well as the legal requirements of each contract. We have also established internal organizational targets related to Occupational Safety and Health, which are the responsibility of all employees and contractors.

By assessing our contracting processes based on best practices, we strengthen our management.

RESULTS

- Updating of the Contracting Manual in line with the redefined corporate strategy and guidelines of GEB.
- Implementation of the SAP Ariba software tool that enables the centralization and unification of all Sourcing Management information, which enhances access to information, data analysis, processing times and decision-making.
- SAP has also enabled us to optimize processes in a sustainable manner by contributing to the corporate objective of achieving zero use of paper.
- Implementation of contract management by categories, which enabled segmenting and specializing sourcing team members with relevant market knowledge in order to promote synergies and efficiencies in contracting processes.
- The Annual Suppliers Meeting was held, which was attended by 302 suppliers and the CEO of GEB, Astrid Álvarez, to communicate the Ethics and Compliance Program and the new sourcing policies. Additionally, awards were granted to companies with outstanding performance in the following categories:
 - Community relations.
 - Project performance.
 - Operating supplier.
 - Occupational Safety and Health.
 - Contribution to digital transformation.
 - Corporate support.
 - Training provider.
- Strengthening of the production projects in the areas of influence prioritized by the Cusiana Phase IV project. This program provided training to entrepreneurs and small businesses on topics including sales, marketing, social media, finance and production linkage processes, aimed at improving their product sales and promoting their companies' growth and development. This program was carried out through Fundación para el Desarrollo Sostenible de Colombia (FUNDES). In addition to this program, in Bogotá a farmer's market was organized involving small farmers from the region to promote and sell their products and enable them to open new markets.
- (102-9) In 2019, we managed 342 contracts worth approximately USD 120 million.
- (308-1) (414-1) Of all new suppliers, 14 (29%) were assessed according to environmental, social and health and safety criteria.

- Assessments were performed on 212 ongoing contracts in accordance with performance criteria; 88% received top scores in environmental and Occupational Safety and Health aspects (OSH).
- (102-48) The previous year's report only included new suppliers that had received top performance scores in these criteria during the year.
- In these same terms, during 2018, 338 contracts were assessed, 88% of which received the top performance score. In other words, this indicator has remained constant in the last two years.
- (102-9) (204-1) (Own) We entered into contracts with 290 suppliers, 280 of which were local (national), accounting for 96.55% of our supply chain, supplying 93% of the goods and services we contract. They are from 17 Colombian departments, the most numerous of which are Cundinamarca and Santander.
- (204-1) (Own) Our local purchases increased from 79.8% to 96.55% from 2018 to 2019.
- (Own) Our efforts produced savings of 6.3% compared to the budget of the competitive processes managed in 2019.

290 contracts were managed in 2019, 280 of which were with local (national) suppliers



CHALLENGES

- Obtain certification from the UK *Chartered Institute of Procurement and Supply*, which reviews five dimensions for achieving excellence in procurement in terms of policies, strategies, procedures and processes of the organization's supply chain and purchasing management.
- Further develop management of sourcing by categories internally, in order to optimize service offerings in accordance with the company's needs.
- Create venues of communication and training for the most critical suppliers due to their impact on the business, aimed at promoting new cultural attributes, Superior Performance, Life Comes First and Social Awareness, so that they are increasingly aligned with adequate environmental and social standards.
- Strengthen bonds with our suppliers through the stabilization of SAP Ariba as the single supplier registry. Having centralized information increases their visibility, as it facilitates sending them business information such as brochures and offers them new business opportunities through other GEB member companies.

GRI Table

GRI Contents Index

2019 TGI Sustainability Report

GRI Standard	Table of Contents	Location	Page	External assurance
GRI 102: General disclosures 2016				
Organizational profile				
102-1	Name of the organization	Transportadora de Gas Internacional S.A. E.S.P.		X
102-2	Activities, brands, products and services	Gatefold	Not applicable	X
102-3	Location of headquarters	The company's headquarters is located in Bogotá, Colombia		X
102-4	Location of operations	Gatefold	Not applicable	X
102-5	Ownership and legal form	TGI is a public-private company, incorporated as a joint stock corporation, pursuant to the provisions of Law 142/1994.		X
102-6	Markets served	Gatefold Market and New Business Development	87	X
102-7	Scale of the organization	Gatefold Talent Management Annexes	56, 62, 83	X
102-8	Information on employees and other workers	Talent Management Annexes	62	X
102-9	Supply Chain	Supply Chain	107	X
102-10	Significant changes	During 2019 there were no significant changes to the organization and its supply chain		X
102-11	Precautionary Principle or approach	TGI applies the precautionary principle to its environmental management in accordance with principle 15 of the UN Rio Declaration on the Environment and Development Annexes		X
102-12	External initiatives	Support for the Sustainable Development Goals (SDGs), which demonstrates the corporate commitment to the Principles of the United Nations Global Compact		X

102-13	Associations	<p>Our main association membership and affiliations are:</p> <ul style="list-style-type: none"> * Andesco and Naturgas, trade associations that bring together the main companies in the industry to discuss policies and regulations * Commercial aspects are discussed with the Natural Gas Market Manager (BMEC, for the Spanish original) * Technical aspects and international practices are discussed with the National Center of Gas Operations (CNO Gas, for the Spanish original) <p>We also participate in consultations promoted by the government through the following organizations:</p> <ul style="list-style-type: none"> * Ministry of Mines and Energy * Energy and Gas Regulatory Commission (CREG, for the Spanish original) * National Planning Department (DNP, for the Spanish original) * Mining and Energy Planning Unit (UPME, for the Spanish original) * Superintendence of Household Utility Services (SSPD, for the Spanish original) * National Hydrocarbons Agency (ANH, for the Spanish original) 		X
Strategy				
102-14	Statement from senior decision-maker	Letter from the senior executives to shareholders and stakeholders	6	X
102-15	Key impacts, risks and opportunities	Annexes		
Ethics and integrity				
102-16	Values, principles, standards, and norms of behavior	Governance, Ethics and Transparency	30	X
102-17	Mechanisms for advice and concerns about ethics	Governance, Ethics and Transparency	32	
Corporate Governance				
102-18	Governance Structure	Governance, Ethics and Transparency	20	X
102-22	Composition of the highest governance body and its committees	Governance, Ethics and Transparency and Annexes	20 and 22	
102-23	Chair of the highest governance body	Governance, Ethics and Transparency Annexes	20 and 22	
102-32	Highest governance body's role in sustainability reporting	Governance, Ethics and Transparency About this Report	4 and 22	
102-34	Nature and total number of critical concerns	Governance, Ethics and Transparency	24	
Stakeholder participation				
102-40	List of stakeholder groups	Sustainable Strategy	39	X

102-41	Collective bargaining agreements	Social strategy for the transformation of the territories	63	X
102-42	Identifying and selecting stakeholders	Sustainable Strategy	38	X
102-43	Approach to stakeholder engagement	Sustainable Strategy	39	X
102-44	Key topics and concerns raised	Sustainable Strategy	39	X
Practices for preparation of this report				
102-45	Entities included in the financial statements	About this report	4	X
102-46	Defining report content and topic boundaries	Sustainable Strategy	40	X
102-47	List of material topics	Sustainable Strategy	41	X
102-48	Restatements of information	Supply Chain Annexes Throughout this report any changes in figures, scope and limits are reported, as applicable.	107	X
102-49	Changes in reporting	Sustainable Strategy Annexes During 2019, we carried out a review of material topics, which provided orientation for the contents of this report.	4 and 41	X
102-50	Reporting period	About this report	4	X
102-51	Date of most recent report	About this report	4	X
102-52	Reporting cycle	About this report	4	X
102-53	Contact point for questions regarding the report	About this report	4	X
102-54	Claims of reporting in accordance with the GRI Standards	About this report	4	X
102-55	GRI Contents Index	GRI Contents Index	144	X
102-56	External assurance	About this report	4, 155	X

Material topics

GRI Standard	Table of Contents	Location	Page	Omissions	External assurance
Governance, Ethics and Transparency					
GRI 102: General disclosures 2016					
GRI 205: Anti-corruption 2016					
GRI 405: Diversity and equal opportunity 2016					
GRI 415: Public policy 2016					
103-1	Explanation of the material topic and its boundary	Governance, Ethics and Transparency	20, 30		X
103-2	The management approach and its components	Governance, Ethics and Transparency	20, 30		X
103-3	Evaluation of the management approach	Governance, Ethics and Transparency	20, 30		X
205-1	Operations assessed for risks related to corruption	Governance, Ethics and Transparency. Additionally, annex 102-15 includes information on significant risks associated with corruption identified through our risk assessment.	30, 33		

205-2	Communication and training on anti-corruption policies and procedures	Governance, Ethics and Transparency Annexes	33	A breakdown by region is not provided for contractor and supplier information.	X
205-3	Confirmed incidents of corruption and actions taken	No corruption cases were reported in 2019. There have been no changes in contracts with business partners arising from breaches related to corruption. There are no reports of public legal proceedings related to corruption filed against the organization or its employees.	33		X
415-1	Contributions to political parties and/or their representatives	Governance, Ethics and Transparency	26 and 33		

Operations with Integrity, Reliability and Efficiency

GRI 103: Management approach 2016

103-1	Explanation of the material topic and its boundary	Operations with Integrity, Reliability and Efficiency	100		X
103-2	The management approach and its components	Operations with Integrity, Reliability and Efficiency	100		X
103-3	Evaluation of the management approach	Operations with Integrity, Reliability and Efficiency	100		X
Own	Continuity of the transportation system	Operations with Integrity, Reliability and Efficiency	101		
Own	Average annual availability of gas pipeline transportation capacity	Annexes			X
Own	Hours of contract suspension due to maintenance during the year	Operations with Integrity, Reliability and Efficiency	101		X
Own	Loss indicator (%)	Annexes			X
Own	Maintenance plan performance (%)	Annexes			
Own	Length of transmission and distribution lines	Annexes			

Digital Transformation

GRI 103: Management approach 2016

103-1	Explanation of the material topic and its boundary	Digital Transformation	103		
103-2	The management approach and its components	Digital Transformation	103		
103-3	Evaluation of the management approach	Digital Transformation	103		

Environmental responsibility

Biodiversity

GRI 103: Management approach 2016

GRI 304: Biodiversity 2016

103-1	Explanation of the material topic and its boundary	Biodiversity Management	72		X
103-2	The management approach and its components	Biodiversity Management	72		X
103-3	Evaluation of the management approach	Biodiversity Management	72		X
304-1	Significant impacts of activities, products, and services on biodiversity	Biodiversity Management Annexes	73		X

Noise					
GRI 103: Management approach 2016					
103-1	Explanation of the material topic and its boundary	Noise	77		
103-2	The management approach and its components	Noise	77		
103-3	Evaluation of the management approach	Noise	77		
Wastes					
GRI 306: Waste 2016					
306-2	Waste by type and disposal method	Annexes			X
Water					
GRI 303: Water and effluents 2018					
303-3	Water extraction	Annexes			X
303-5	Water consumption	Annexes			
Regulatory compliance					
GRI 307: Environmental compliance 2016					
307-1	Environmental penalties	No environmental penalties were imposed on TGI during the reporting period			
Climate change action					
GRI 307: Environmental compliance 2016					
GRI 302: Energy 2016					
GRI 305: Emissions 2016					
103-1	Explanation of the material topic and its boundary	Climate Strategy	74		X
103-2	The management approach and its components	Climate Strategy	74		X
103-3	Evaluation of the management approach	Climate Strategy	74		X
302-1	Energy consumption within the organization	Annexes			X
305-1	Direct GHG emissions (Scope 1)	Climate Strategy Annexes	74		X
305-2	Indirect GHG emissions (Scope 2)	Climate Strategy Annexes	74		X
305-3	Other indirect GHG emissions (Scope 3)	Climate Strategy Annexes	74		
Team with talent, motivation and results-oriented					
GRI 103: Management approach 2016					
GRI 202: Market presence 2016					
GRI 401: Employment 2016					
GRI 402: Labor-management relations 2016					
GRI 404: Training and education 2016					
GRI 405: Diversity and equal opportunity 2016					
GRI 406: Non-discrimination					
103-1	Explanation of the material topic and its boundary	Talent Management	56		X
103-2	The management approach and its components	Talent Management	56		X
103-3	Evaluation of the management approach	Talent Management	56		X

Team with talent, motivation and results-oriented					
GRI 103: Management approach 2016					
GRI 202: Market presence 2016					
GRI 401: Employment 2016					
GRI 402: Labor-management relations 2016					
GRI 404: Training and education 2016					
GRI 405: Diversity and equal opportunity 2016					
GRI 406: Non-discrimination					
202-1	Ratio of internal minimum wage to local legal minimum wage	Talent Management Annexes	62		
202-2	Proportion of senior management hired from the local community	Talent Management Definition of senior management: Senior and middle management. The organization's geographic definition of "local": regions within the Colombian national territory. Definition used for "locations with significant operations": TGI operations areas	60		
401-1	New employee hires and employee turnover	Talent Management Annexes	60		
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Talent Management Annexes	62		
401-3	Parental leave	Talent Management Annexes	60		
402-1	Minimum notice periods regarding operational changes	Talent Management	60		
404-1	Average hours of training per year per employee	Talent Management Annexes	58		X
404-2	Programs for upgrading employee skills and transition assistance programs	Talent Management	58	No information is included on transition programs to facilitate future employability or end of professional career due to retirement or layoffs	
404-3	Percentage of employees receiving regular performance and career development reviews	Talent Management Annexes	58		
405-1	Diversity of governance bodies and employees	Governance, Ethics and Transparency, Talent Management and Annexes	25 and 60		
405-2	Ratio of basic salary and remuneration of women to men	Talent Management Annexes	60		
406-1	Incidents of discrimination and corrective actions taken	Talent Management	60		
Own	Percentage of management positions held by women	Talent Management Annexes	60		

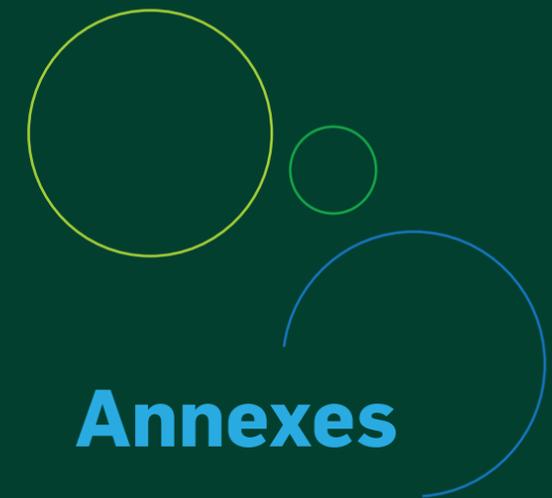
Own	Total and percentage of trained employees	Talent Management	58		
EU15	People nearing retirement age	Talent Management Annexes	62	The reported information does not include a breakdown by region	
Own	Employee work environment (employee commitment)	Talent Management	58 and 60		
Own	Diversity	Talent Management Annexes	60		
Occupational safety and health					
GRI 103: Management approach 2016					
GRI 403: Occupational Safety and Health 2018					
103-1	Explanation of the material topic and its boundary	Vision Zero, Occupational Safety and Health	64		X
103-2	The management approach and its components	Vision Zero, Occupational Safety and Health	64		X
103-3	Evaluation of the management approach	Vision Zero, Occupational Safety and Health	65		X
403-1	Occupational safety and health management system	Vision Zero, Occupational Safety and Health Annexes	64		
403-2	Hazard identification, risk assessment, and incident investigation	Vision Zero, Occupational Safety and Health Annexes	64 and 65		
403-3	Occupational health services	Vision Zero, Occupational Safety and Health	66		
403-4	Worker participation, consultation, and communication on occupational safety and health	Vision Zero, Occupational Safety and Health Annexes	64-65		
403-5	Worker training on occupational safety and health	Vision Zero, Occupational Safety and Health	67		
403-6	Promotion of worker health	Vision Zero, Occupational Safety and Health	66		
403-7	Prevention and mitigation of occupational health and safety impacts on workers directly linked by business relationships	TGI S. A. ESP enters into business agreements to sell gas transportation services to other industries (thermal power generators, cement manufacturers, agricultural products). In order to maintain a preventive approach towards negative impacts on occupational safety and health, a risk and hazards matrix has been developed that is monitored on an ongoing basis and which covers employees and contractors within the company's operating facilities. In turn, prevention of impacts is managed through contractual clauses and information provided to contractors through training programs.			
403-8	Coverage of the occupational safety and health management system	Vision Zero, Occupational Safety and Health	67		

403-9	Work-related injuries	Annexes, Section on key impacts, risks and opportunities (403-1) and hazard and incident identification (403-2). Rates are calculated in terms of each 1,000,000 hours worked, following international standards such as OSHA 300 and 18001. TGI SA ESP also monitors its objectives through the Lost Time Injury Frequency Rate (IFI AT, for the Spanish original) for employees and contractors.		Total work-related accidents of employees and contractors are not broken down by gender	X
403-10	Work-related ill health	There were no reports of occupational diseases during 2019		Occupational diseases and deaths from occupational diseases are not reported for contractors	X
Own	Days worked by contractors and sub-contractors involved in construction, operation and maintenance activities	Annexes			
Own	LTIFR of employees and contractors Indicators on frequency and severity of incidents leading to lost time by employees and contractors	Vision Zero, Occupational Safety and Health Annexes	67		
Own	Deaths	Vision Zero, Occupational Safety and Health Annexes	67		
Economic value generated					
GRI 103: Management approach 2016					
GRI 201: Economic performance 2016					
103-1	Explanation of the material topic and its boundary	Superior Performance and Profitability	82		X
103-2	The management approach and its components	Superior Performance and Profitability	82		X
103-3	Evaluation of the management approach	Superior Performance and Profitability	82		X
201-1	Economic value generated and distributed	Superior Performance and Profitability Annexes	82, 83		X
Own	Capital structure	Annexes			
Own	Operating revenue, net profit and EBITDA	Annexes			

Transformation of territories					
GRI 103: Management approach 2016					
GRI 203: Indirect economic impacts 2016					
GRI 411: Rights of indigenous peoples 2016					
GRI 412: Human Rights Assessment 2016					
GRI 413: Local communities 2016					
103-1	Explanation of the material topic and its boundary	Social strategy for the transformation of the territories	46		X
103-2	The management approach and its components	Social strategy for the transformation of the territories	46		X
103-3	Evaluation of the management approach	Social strategy for the transformation of the territories	46		X
203-1	Infrastructure investments and services supported	Social strategy for the transformation of the territories	49		
203-2	Significant indirect economic impacts	Social strategy for the transformation of the territories Annexes	47 and 48		
411-1	Incidents of violations involving the rights of indigenous peoples	Social strategy for the transformation of the territories	47		
412-3	Significant investment agreements and contracts that include human rights clauses or that underwent human rights screening	A significant agreement is defined as any contract or agreement entered into to materialize the company's shared value strategy in the territories.	47		
413-1	Operations with local community engagement, impact assessments, and development programs	This indicator is reported based on records of current environmental impact assessments, local community development programs based on community needs and formal complaints and/or claims made by local communities.	47		X
413-2	Operations with significant (real and potential) negative impacts on the local communities	Social strategy for the transformation of the territories	47	This indicator is reported based on the company's risk-based management approach and does not report impacts	
Own	People physically or economically displaced and who received compensation by project type	Social strategy for the transformation of the territories	47		
Own	Number of complaints resolved related the impact of contractor behavior on the communities	Social strategy for the transformation of the territories	47		
Own	Type of contributions	Social strategy for the transformation of the territories	49 to 54		
Own	People physically or economically displaced and who received compensation by project type	Social strategy for the transformation of the territories	47		

Own	Social investment	Social strategy for the transformation of the territories	48		
Own	Types of philanthropic activities	Social strategy for the transformation of the territories	48	The amount invested in corporate volunteer work is broken down. It does not include expenses other than the time invested, administrative expenses and donated products	
Market growth and development					
GRI 103: Management approach 2016					
GRI 418: Customer privacy					
103-1	Explanation of the material topic and its boundary	Market and New Business Development	85		X
103-2	The management approach and its components	Market and New Business Development	85		X
103-3	Evaluation of the management approach	Market and New Business Development	85		X
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	Market and New Business Development	87		
Own	Market share	Market and New Business Development	86		
Own	Quality of service	Market and New Business Development	86 and 87		X
Own	Customer satisfaction	Market and New Business Development	87		
Own	Incremental volume and market development (industry)	Market and New Business Development	13 and 86		X
Own	Incremental volume and market development (mobility)	Market and New Business Development	13 and 86		
Own	Presence in legislative and industry association events	Market and New Business Development	88		
Growth Projects					
GRI 103: Management approach 2016					
103-1	Explanation of the material topic and its boundary	Growth Projects	90		
103-2	The management approach and its components	Growth Projects	90		
103-3	Evaluation of the management approach	Growth Projects	90, 92		

Contractor development					
GRI 103: Management approach 2016					
GRI 204: Acquisition practices 2016					
GRI 308: Supplier environmental assessment 2016					
GRI 414: Supplier social assessment 2016					
103-1	Explanation of the material topic and its boundary	Supply Chain	105		X
103-2	The management approach and its components	Supply Chain	105		X
103-3	Evaluation of the management approach	Supply Chain	105		X
204-1	Proportion of spending on local suppliers	Supply Chain	107		
308-1	New suppliers that were screened and selected using environmental criteria	Supply Chain	107		
414-1	New suppliers that were screened and selected using social criteria	Supply Chain	107		
Own	Proportion of local suppliers	Supply Chain	107		
Own	Savings in contracting processes	Supply Chain	107		X
Risks					
GRI 103: Management approach 2016					
103-1	Explanation of the material topic and its boundary	Governance, Ethics and Transparency	26 to 28		
103-2	The management approach and its components	Governance, Ethics and Transparency	26 to 28		
103-3	Evaluation of the management approach	Governance, Ethics and Transparency	26 to 28		
Own	Strategic risks	Annexes	27		



Corporate governance and ethics

(102-11) (102-15) Main impacts, risks and opportunities. Mitigation actions and potential impacts to TGI

No.	Strategic risk	Mitigation actions	Potential impacts
1	Regulatory changes unfavorable to the company's interests	<ol style="list-style-type: none"> Attendance to events organized by CREG on changes in regulations. Submit observations, comments and proposals to regulators on initiatives to change regulations. Monitor through industry associations and government entities. Prepare the rates file. Monitor, analyze and assess the overall impact of regulatory initiatives. 	<ol style="list-style-type: none"> Loss of potential market. Remuneration below expected levels.
2	Failure to fulfill the value proposition of TGI's investment projects due to deviations in scope, time or cost.	<ol style="list-style-type: none"> Monitor the Value Creation and Project Management Model. Monitor risk response plans through the Risk Management Indicator. Report on contractor performance assessments. (Communications and early warnings to service contract supervisors) Lessons learned from ex-post project or end-of-phase assessments. Monitor contractor OSH indicators. 	<ol style="list-style-type: none"> Variations in time, cost or quality outside the allowable ranges. Loss of trust and effects on TGI's reputation. Penalties due to failure to meet contractual deadlines for project operation.
3	Work accidents that affect the health of employees or contractors.	<ol style="list-style-type: none"> Training of OSH leaders. Implementation of the "Safe Infrastructure Plan". Assistance plan for contractors and indicator management. 	<ol style="list-style-type: none"> Effects to the health of TGI and contractor employees and possible legal risks for the company. Fatal accidents of workers and contractors.
4	Operational events that interrupt transportation.	<ol style="list-style-type: none"> Right of way (DDV, for the original in Spanish) monitoring and inspection plan. Inspection plan using smart tools. Monitor gas quality (operation) and corrosive gases (integrity) Gas pipeline repair plan to correct loss of thickness and coating. Coexistence activities with third parties (number of third-party projects under development mapped out by TGI) Gas pipeline maintenance plan and fulfillment of the critical systems maintenance strategy 	<ol style="list-style-type: none"> Operating incidents that affect the infrastructure: fires, explosions, loss of life, damage to reputation, environmental effects. Loss of the mechanical integrity of the pipes and non-fulfillment of commercial contracts. Loss of transportation capacity. Penalties due to contractual and/or regulatory non-compliance. Loss of profits. Additional repair and/or maintenance costs. Infrastructure deterioration. Non-continuity of the business (at the operating level).

No.	Strategic risk	Mitigation actions	Potential impacts
5	Social incidents during performance of TGI operations or projects.	<ol style="list-style-type: none"> Monitor the early warning matrix on possible social incidents. Monitor the assistance provided in materialized social incidents. Report on social complaints, claims and requests (PQRS, for the original in Spanish) by municipality Prioritized action plan to address the projects' social liabilities. Status of fulfillment of social and environmental commitments made with communities to perform infrastructure projects. 	<ol style="list-style-type: none"> Actions by communities establishing conditions in order to continue operations or a project. Loss of the project's social license due to community resistance (social viability of the project). Loss of infrastructure integrity due to failure to perform maintenance. Materialization of risk number 2: "Failure to fulfill the value proposition of TGI's investment projects due to deviations in scope, time or cost" and of TGI operations.
6	Possible penalties from the environmental authority.	<ol style="list-style-type: none"> Monitor and control environmental requirements and management actions over the life cycle of the project. Environmental legal compliance - valid environmental license and environmental authority permits. Monitor the Risk Management Program. 	<ol style="list-style-type: none"> Temporary or final shut-down of TGI operations. Cancellation or expiration of the environmental license/permit or authorization. Daily fines of up to 5,000 monthly legal minimum wages. Restitution of damages. Materialization of risk number 2: "Failure to fulfill the value proposition of TGI's investment projects due to deviations in scope, time or cost."
7	Failure to fulfill the Business Plan.	<ol style="list-style-type: none"> Monitor the company's business plan jointly with the financial model. Permanent monitoring of performance of the budget. Efforts to raise capital (when required) Review the impact of exchange differences on the company's financial statements (cost /benefit) Contractual fulfillment in terms of suspensions. Permanent monitoring of financial statements and forecasts of affiliates. 	<ol style="list-style-type: none"> Lower profitability. Lower net income. Higher debt/EBITDA ratio. Destruction of value for shareholders. Impact on bond prices. Lower ratings on bonds and the company. Loss of investment grade credit rating. Higher financial cost due to loss of credit rating.
8	Fraud and Corruption	<ol style="list-style-type: none"> External assessments of certain critical processes focused on fraud and corruption. Include an assessment of segregation of duties within the scope of auditing programs. Program to strengthen the ethical culture and adherence to the company's Code of Ethics by employees. Monitor ethical channel reports, culture strengthening program. 	<ol style="list-style-type: none"> Manipulation of information for economic gain contrary to the interests of TGI. Unreliable information for decision-making. Materialization of situations of conflict of interests leading to actions that are not consistent with the company's ethics culture.
9	Failure to incorporate new businesses that create value.	<ol style="list-style-type: none"> Assess and develop commercial alternatives of supply and demand. Develop and monitor the new business pipeline initiatives. Develop solid business cases based on the Maturity and Value Creation Model. Monitor the implementation of the Investment Manual and the Investment Project Policy. 	<ol style="list-style-type: none"> Failure to obtain additional revenues. Failure to achieve the corporate MEGA strategic vision.

No.	Strategic risk	Mitigation actions	Potential impacts
10	Not using the Ballena-Barranca infrastructure.	<ol style="list-style-type: none"> 1. Identification of alternatives for gas pipeline remuneration. 2. Required upgrades to the infrastructure: Project for two-way flow at Ballena - Barranca. 3. Assess regulatory alternatives for remuneration. 	<ol style="list-style-type: none"> 1. Revenue reduction at TGI of up to 25% due to the Ballena - Barrancabermeja gas pipeline. 2. Failure to find viable remuneration alternatives before December 2020. 3. Failure to achieve the financial targets. 4. Failure to achieve the strategic growth vision (MEGA) and the value proposition.
11	Demand fails to grow as expected	<ol style="list-style-type: none"> 1. Awareness-raising campaigns on the use and benefits of gas. 2. Develop commercial products for non-regulated markets. 3. Study of gas sources and identify and/or implement business initiatives. 4. Carry out studies to identify and/or implement actions for incremental demand. 	<ol style="list-style-type: none"> 1. Contract renewals are for lower quantities than at present. 2. No revenue growth. 3. Idle capacity. 4. Failure to sign new contracts for incremental demand. 5. Loss of competitiveness of the natural gas value chain.
12	Unavailability of information systems.	<ol style="list-style-type: none"> 1. Monitor the implementation of the vulnerabilities technical management plan. 2. Application of the safe software development instructions. 3. Level of implementation of the Security Model and the DRP Model. 	<ol style="list-style-type: none"> 1. Unavailability of BEO, the Gas Transportation System, SAP.
13	Not having the appropriate and motivated human capital to develop the strategy.	<ol style="list-style-type: none"> 1. Monitor the leader competencies development plan. 2. Monitor the company's established performance management model. 3. Define and identify critical senior and middle management positions. 4. Implement the work environment plan through the organization's leaders. 	<ol style="list-style-type: none"> 1. Deficient corporate performance. 2. High personnel turnover. 3. Loss of knowledge. 4. Non-continuity of critical processes.
14	Economic or reputation losses due to unfavorable legal decisions.	<ol style="list-style-type: none"> 1. Monitor and update the quarterly document on legal provisions and contingencies. 2. Implementation of the actions contained in the document on prevention of wrongful damage. 3. Perform quarterly review of the legal strategy with the internal and external teams to unify legal criteria. 4. Audit to processes imposing rights of way. 	<ol style="list-style-type: none"> 1. Economic losses and damage to reputation. 2. Lawsuits filed against TGI for breach of contract.

Corporate governance and ethics

(102-22) (102-23) Composition of the highest governance body and its committees

Aspects of the Board of Directors	Board member No. 1	Board member No. 2	Board member No. 3
Names	Astrid Álvarez Hernández	Jorge Enrique Cote Velosa	Álvaro Villasante Losada
Chairwoman of the Board	Yes	No	No
Independent (yes/no)	No	Yes	No
Shareholder he/she represents	GEB	N/A	GEB
Employer company	GEB	Carvajal Tecnología y Servicios S.A.S.	GEB
Job Title	CEO	CEO	Low Emission Generation Chief Executive
Executive/non-executive	Non-executive	Non-executive	Non-executive
Time as Board member	4 years	5 months	1 year and 10 months
Board committee(s) he/she belongs to	Corporate Governance Committee Compensation Committee	Audit and Risk Committee and Financial and Investment Committee	Operating Committee Compensation Committee
Percentage of meeting attendance vs total Board meetings held	14 of 14 (100%)	5 of 6 (83%)	14 of 14 (100%)
Qualifications and experience related to economic, environmental and social impacts	Broad experience in strategic consulting at national and international companies. Designed and implemented a new strategic procurement model at Ecopetrol that produced annual savings of over USD 150 million. Implemented the transformation of the Bogotá water utilities company, achieving greater business efficiency with high quality.	Broad experience in the definition, design and implementation of corporate strategic plans, as well as strategic human resources management. Throughout his professional career he has demonstrated his proficiency in financial matters, and he has managed increases in revenues at important companies in Colombia.	Over ten years of experience in the development and investment in the renewable energies industry. He has worked as business development officer at the following companies: Acciona Energía in Mexico and Grupo ECOS in Panama.
Education	Civil Engineer from Pontificia Universidad Javeriana, with a master's degree in International Relations from Ohio University; specialization in Comprehensive Environmental Management and specialization in Strategic Procurement and Supplier Management from Universidad de los Andes.	Business Administrator from Universidad de los Andes, with Specialization in Corporate Finance from Colegio de Estudios Superiores en Administración (CESA) and a master's degree in Finance from Universidad de los Andes.	Professional in Administration and Company Management from Universidad de Salamanca, with a master's degree in Strategic Human Resources Management and International Trade

(205-2)

Communication and training on anti-corruption policies and procedures

Board member No. 4	Board member No. 5	Board member No. 6	Board member No. 7
Héctor José Fajardo Olarte	Mario Martín Mejía Del Carpio	Daniel Rodríguez Ríos	José Fernando Montoya Carrillo
No	No	No	No
Yes	No	Yes	Yes
N/A	GEB	N/A	N/A
Ecopetrol	Calidda	Base Property Group	Doblefer S. A. and Serifer S. A.
Advisor	CEO	Partner	Registered Agent
Non-executive	Non-executive	Non-executive	Non-executive
2 years and 10 months	10 months	2 years and 10 months	3 years and 10 months
Financial and Investment Committee Operating Committee	Audit and Risks Committee and Corporate Governance Committee	Audit and Risks Committee and Corporate Governance Committee	Financial and Investment Committee Operating Committee
13 of 14 (93 %)	4 of 12 (36%)	12 of 14 (86%)	12 of 14 (86%)
A leader with capacity to provide direction and success in complex situations, involving various functional areas and in multicultural environments. His specialties include Marketing, Business and Commercial Development, Operations and oil and gas pipelines management.	Broad experience in financial planning, budgeting, internal auditing and administrative coordination, and has been a senior manager in all these areas at important natural gas companies in Peru.	Experience in corporate restructuring and re-engineering processes – with particular interest in their real estate assets- and in managing real estate projects in Colombia. Development and management of real estate, with a focus on structuring and managing investments and project development. Participated in the process of acquiring and restructuring Grupo Amper in Spain.	Experience in recovering markets, distribution network development and management, comprehensive corporate restructuring, corporate cultural transformation. Has 33 years of experience in the hydrocarbons industry.
Bachelor's of Science in Chemical Engineering from University of Tulsa.	Business Administrator from Pontificia Universidad Católica with executive master's degree in Business Administration from the Management School of Universidad de Piura.	Architect from Universidad de los Andes.	Chemical Engineer from Universidad Nacional de Colombia, with studies at international institutions in: Finance, Operations, Leadership, Strategic Planning, Marketing, Crisis Management, Corporate Restructuring, Corporate Governance, Corporate Social Responsibility.

2019		
Members of the highest governance body informed and trained in anti-corruption	No.	%
Total number of governance body members	7	
Number and percentage of members of the highest governance body who have been informed about the organization's anti-corruption policies and procedures	7	100%
Number and percentage of members of the highest governance body who have received training on the fight against corruption	1	14%

Informed and trained employees by region

Employees	Number informed	Percentage informed	Number trained	Percentage trained
Barrancabermeja	49	100%	44	90%
Valledupar	43	100%	37	86%
Gualanday	29	100%	24	83%
Buga	10	100%	8	80%
Manizales	10	100%	10	100%
Paipa	34	100%	30	88%
Villavicencio	31	100%	24	77%
Cogua-Sabana	11	100%	9	82%
Bogotá	230	100%	204	89%

Informed and trained employees by work category

Employees	Number informed	Percentage informed	Number trained	Percentage trained
Senior Management	16	100%	14	88%
Middle Management	40	100%	34	85%
Coordination	80	100%	73	91%
Performance	122	100%	105	86%
Support/assistants	189	100%	164	87%

Economic Dimension

Operations with Integrity, Reliability and Efficiency

(Own) Length of energy and gas transmission and distribution lines

Indicator	2017	2018	2019
Total length of the gas transportation network (km).	3,957.3	3,993.8	4,017

(Own) Average annual availability of gas pipeline transportation capacity (%)

Indicator	2017	2018	2019
Average annual availability of gas pipeline transportation capacity.*	99.80%	99.31%	99.91%
Availability of compression stations for gas transportation.	97.40%	98.0%	98.10%
Maintenance plan performance (%).	99.20%	99.60%	98.90%
Loss indicator (%).	0%	0%	0.454%

(Own) Compression station availability (%)

(Own) Maintenance plan performance (%)

(Own) Loss indicator (%)

*(102-48) The availability figure reported in 2018 was based on a monthly average. Starting in 2019, availability is expressed as an annual average; consequently the average annual availability reported in 2018 has been restated.

(201-1)

Economic value generated and distributed

Economic Performance	2018	2019	Variation	
	USD	USD	COP	%
Economic value generated (EVG)	444,390	472,971	28,581	6.4%
Operating revenues	441,730	468,820	27,090	6.1%
Financial revenues (interest, dividends, among others)	2,660	4,151	1,491	56.1%
Economic value distributed	311,232*	316,814	5,582	1.8%
Operating costs (property leases, license fees, royalties, contractor payments, among others)	62,642*	60,679	- 1,963	-3.1%
Salaries and employee benefits (salaries, pension contributions, insurance, indemnities, payroll taxes, among others)	24,826	25,959	1,132	4.6%
Dividends to shareholders (profit distribution proposal)	88,109*	90,000	1,891	2.1%
Interest payments	89,661*	69,609	- 20,051	-22.4%
Payments to governments, by country (taxes, fines, penalties, permits, among others)	44,476*	68,967	24,491	55.1%
Investments in communities	1,518*	1,600	82	5.4%
Economic value retained	133,159 *	156,157	22,998	17.3%

*(102-48) Certain figures reported in 2018 have been restated due to the inclusion of additional general ledger accounts.

Additionally, in 2019 a line item on dividends paid to shareholders was included for both the 2018 and 2019 periods.

(Own) Operating revenue, net income and EBITDA

	2018		2019		Variation (USD)	
	USD	TRM	USD	TRM	COP	%
Operating revenues	441,730	2,972	468,820	3,281	27,090	6.1%
EBITDA	328,979	2,977	360,423	3,281	31,444	9.6%
Net profit	136,005	3,008	125,876	3,281	- 10,129	-7.4%

Amounts in millions of dollars

(Own) Capital structure**(102-7) Scale of the organization**

Capital structure	2018			2019		
	COP	USD	TRM	COP	USD	TRM
Assets	8,078,511,616,354	2,485,887,104	3,250	8,234,127,203,860	2,512,595,496	3,277
Liabilities	5,281,331,387,727	1,625,150,054	3,250	5,350,201,822,119	1,632,582,625	3,277
Equity	2,797,180,228,627	860,737,050	3,250	2,883,925,381,740	880,012,872	3,277
Non-controlling interest			-			-

Environmental Dimension

Biodiversity Management

(304-1) Operational sites in, or adjacent to, protected areas and areas of high biodiversity value

2019			
Owned, leased or managed operation centers located in or alongside protected areas, or areas of substantial value for biodiversity located outside of protected areas	Geographic location	Value of biodiversity in terms of the characteristics of the protected area or area of great value for biodiversity outside the protected area (land, marine or fresh water ecosystems)	Value of biodiversity, based on its inclusion in protected lists (such as the categories for protected area management of UICN, the Ramsar Convention and domestic laws)
LAM 2501	SOUTHERN BOLIVAR	Dry tropical forest with different types of vegetation cover, such as grass with trees, open forest, grasslands and artificial bodies of water called "jagüeyes".	Integrated Regional Management Districts in Santander of the San Silvestre wetlands
LAM 2501	SOUTHERN BOLIVAR	Dry tropical forest with different types of vegetation cover, such as grass with trees, open forest, grasslands and artificial bodies of water called "jagüeyes".	Integrated Regional Management Districts in Santander of Serrania los Yariques
LAM 0069	EAST CENTRAL	Low Mountain Rainforest and Low Mountain Dry Forest. Most of the native forest has been transformed and the area is predominantly covered by grasses and small dispersed areas of stubble and bushes on the grasslands.	Regional Integrated Management Districts in Boyaca - Fuquene, Cucunuba and Palacio Lake Complex
LAM 0069	EAST CENTRAL	Low Mountain Rainforest and Low Mountain Dry Forest. Most of the native forest has been transformed and the area is predominantly covered by grasses and small dispersed areas of stubble and bushes on the grasslands.	Regional Integrated Management Districts in Boyaca -Paramo de Guargua and Laguna Verde
LAM 0034	BALLENA - BARRAN-CABERMEJA	Dry tropical forest with various types of vegetation cover including grass with trees, open forest, pastures and natural bodies of water such as the wetlands complex of the mid-Magdalena valley.	National Protected Forest Reserves -Cuenca Alta del Caño Alonso

Owned, leased or managed operation centers located in or alongside protected areas, or areas of substantial value for biodiversity located outside of protected areas	Geographic location	Value of biodiversity in terms of the characteristics of the protected area or area of great value for biodiversity outside the protected area (land, marine or fresh water ecosystems)	Value of biodiversity, based on its inclusion in protected lists (such as the categories for protected area management of IUCN, the Ramsar Convention and domestic laws)
LAM 0299	MARIQUITA - CALI	Forms part of the major Biome: Orobioime of the Tropical Humid Zonobiome, which includes Andean rainforest ecosystems, fragmented forest with secondary vegetation, paramo, forestry agro-ecosystem, cattle ranching agro-ecosystem, mosaic of crops, grasses and natural areas.	Regional Integrated Management Districts in Quindio - Of the Upper Basin of Rio Quindio de Salento
LAM 0069	EAST CENTRAL	Low Mountain Rainforest and Low Mountain Dry Forest. Most of the native forest has been transformed and the area is predominantly covered by grasses and small dispersed areas of stubble and bushes on the grasslands.	Regional Natural Parks in Santander - Serrania de las Quinchas
LAV 0003-12	LA SABANA	Forms part of the major Biome: Azonal Orobioime of the Tropical Humid Zonobiome, includes ecosystems of permanent crops agro-ecosystems, agro-ecosystem of mosaic of crops and grasses, Andean wetlands.	Regional Integrated Management Districts - Wetlands of Guali Tres Esquinas and Lagunas del Funzhe
LAM 0054	BOYACÁ - SANTANDER	Low Mountain Rainforest and Low Mountain Dry Forest. Most of the native forest has been transformed and the area is predominantly covered by grasses and small dispersed areas of stubble and bushes on the grasslands.	Regional Integrated Management Districts in Boyaca -Lago de Sochagota
LAM 0069	EAST CENTRAL	Low Mountain Rainforest and Low Mountain Dry Forest. Most of the native forest has been transformed and the area is predominantly covered by grasses and small dispersed areas of stubble and bushes on the grasslands.	Regional Integrated Management Districts - Cuchilla de San Antonio
LAM 0278	CUSIANA - EL PORVENIR - LA BELLEZA	Low Mountain Rainforest and Low Mountain Dry Forest. Most of the native forest has been transformed and the area is predominantly covered by grasses and small dispersed areas of stubble and bushes on the grasslands.	Regional Integrated Management Districts in Boyaca - Paramo Mamapacha and Bijagual

Owned, leased or managed operation centers located in or alongside protected areas, or areas of substantial value for biodiversity located outside of protected areas	Geographic location	Value of biodiversity in terms of the characteristics of the protected area or area of great value for biodiversity outside the protected area (land, marine or fresh water ecosystems)	Value of biodiversity, based on its inclusion in protected lists (such as the categories for protected area management of IUCN, the Ramsar Convention and domestic laws)
LAM 0034	BALLENA - BARRAN-CABERMEJA	Dry tropical forest with different types of vegetation cover, such as grass with trees, open forest, grasslands and surface bodies of water called "jagüeyes".	Regional Integrated Management Districts in La Guajira - Lower basin of Rio Rancheria
LAM 0951	CUSIANA - APIAY - USME	Forms part of the major Biome: Orobioime of the Tropical Humid Zonobiome, includes ecosystems of the agro-ecosystem of mosaic of crops, grasses and natural areas, sub-Andean rainforest. It also includes the major Biode of the Tropical Humid Zonobiome, with the following ecosystems: Agro-ecosystem of mosaic of crops, grasses and natural areas, basal rainforest, fragmented forest with grasses and crops.	National Protected Forest Reserves -Quebrada Honda and Caños Parrado y Buque
LAM 0299	MARIQUITA - CALI	Forms part of the major Biome: Fragmented forest with grasses and crops, including agro-ecosystems of mosaic of grasses and natural areas, Andean rainforest, paramo and secondary vegetation.	National Protected Forest Reserves - Rio Blanco and Quebrada Olivares
LAM 0299	MARIQUITA - CALI	Forms part of the major Biome: Orobioime of the Tropical Humid Zonobiome, which includes Andean rainforest and paramo ecosystem and cattle ranching agro-ecosystem.	Regional Protected Forest Reserves - Torre Cuatro

Note:
All reported operation centers have rights of way contracts near protected areas and have gas pipeline transportation operations. Of the 15 reported centers, 14 are located in the buffer area of the protected areas, and only LAM 0069 in the East Central area is within a protected area.

Wastes

(306-2)

Waste by type and disposal method

The disposal method is selected in compliance with regulations depending of the type of waste produced and the availability of service providers in the operation area

Waste management (tons)	2017	2018	2019
Total hazardous waste by disposal method	467.59	590.57	290.04
Bioremediation			139.4
Reuse			26.03
Recycling	0.57		13.21
Physicochemical treatment			52.8
Incineration			0.07
Hazardous waste landfill	8.96	11.57	11.43
Other			47.1
Unclassified	458.06	579	
Total non-hazardous waste by disposal method	17.427	43.13	10.825
Recycling	4.757	30.46	
Sanitary landfill	12.67	12.67	10.825
Total waste disposal (tons)	21.63	24.24	22.325
Total waste generated by the organization	485.017	633.7	300.865

Water

(303-3)

Water withdrawal

Notes:

- The area under hydric stress is the Hatonuevo ECG
- The All Areas column includes areas under hydric stress

Water extraction by source (ml)	2017		2018		2019	
	All areas	Areas under hydric stress	All areas	Areas under hydric stress	All areas	Areas under hydric stress
Total water extraction	4.01	0.31	5.156	0.31	4.913	0.31
Surface water	-	-	-	-	-	-
Fresh surface water						
Other surface water						
Groundwater	2.49	0.31	2.08	0.31	1.338	0.31
Fresh groundwater	2.49	0.31	2.08	0.31	1.338	0.31
Other groundwater						
Water from third parties						
Fresh water from third parties	1,525		3,079		3,775	
Other water						

(303-5)

Water consumption

Water consumption (ml)	2017	2018	2019
	4.01	5.16	4.87

Climate Strategy

(302-1)

Energy consumption within the organization

Energy consumption within the organization	2017	2018	2019
Consumption of energy from non-renewable sources (GJ)	997,237.22	1,587,595.16	2,284,557.00
Diesel fuel consumption			8,412
Gasoline consumption			2,052
VNG consumption			3,102
Natural gas consumption	997,237	1,587,595	2,270,983
Purchased energy	13,371	10,081.918	11,223
Purchased energy consumption	13,371	10,082	11,223
Total internal energy consumption (GJ)	1,010,608.22	1,597,677.08	2,295,780

(102-48) Starting in 2019, gas consumption is broken down by natural gas and vehicle natural gas. In 2017 and 2018 both items were included under a single total

Conversion factors used
(Source: FECOC UPME)

	Density (kg/l)	LHV (MJ/kg)
Diesel	0.852	42.419
Gasoline	0.741	45.330
Natural Gas	0.741	35.65

(305-1) Direct GHG emissions (Scope 1)**(305-2) Indirect GHG emissions from generating energy (Scope 2)****(305-3) Other indirect GHG emissions (Scope 3)**

Description of the methodology used to calculate the 2019 carbon footprint

Description	2019 Footprint			
Gases included in the calculation	CO ₂ , CH ₄ , N ₂ O			
Baseline year for calculations	2018			
Source of emissions factors	Fuels: FECOC			
	Electric power: UPME-XM 2019			
	Refrigerant gases: IPCC-AR5 guidelines			
	R410a: http://www.linde-gas.com/en/products_and_supply/refrigerants/hfc_refrigerants/r410a/index.html			
Emission factors used	Gasoline EF:			
	Indicator	kgCO ₂ /TJ	kgCH ₄ /TJ	kgN ₂ O/TJ
	Diesel B2	74,193	10	0.6
	Gasoline engine	69,324	10	0.6
	Natural Gas	55,539	3	0.1
	Source	FECOC	IPCC	IPCC
	Conversion factors: the same factors reported under indicator 302-1 were used XM: 0.164 g CO ₂ /kW h			
GWP: CO ₂ : 1 CH ₄ : 28 N ₂ O: 265 HCFC 123: 79 S: 2,088				
Defined limit (operational or financial)	Operational			
Standards or methodologies used	GHG Protocol			
Calculation Tools	CO2CERO calculation tool (Excel and on-line tool)			
Omissions	Refrigerant gases			

Social Dimension

Transformation of territories

(203-2) Significant indirect economic impacts

Place where the impacts take place: TGI areas of influence

TGI 2019 Indirect economic impacts (positive and negative) produced by the operation in the area Impact description	
Positive indirect economic impacts:	
1. Infrastructure for competitiveness: During 2019, TGI carried out projects focusing on healthy lifestyles and the well-being of community members, as a strategy to promote social cohesion and equality in the territories, in articulation with the objective of providing universal access to safe, accessible and inclusive green areas and public spaces. The development of public spaces is essential for creating cheerful and inclusive cities and/or towns.	
2. Sustainable Energy: It is a development premise that TGI shares and promotes in the most vulnerable neighboring rural communities. The social gaps and the weakened culture of the Wayuu indigenous communities in northern La Guajira have led the company to decidedly bring solar panels for electricity to improve productivity and preserve the traditions and hopes of these families.	
3. Access to water, basic sanitation and sewage: In line with this challenge and for the sake of equity, TGI contributes to improving and facilitating access to water for rural communities in its areas of interest.	
4. Local entrepreneurship: In line with its focus on projects aimed at increasing the communities' productivity and competitiveness, TGI promotes entrepreneurship and the growth of traditional raising of minor livestock species in the communities, to create income opportunities and consolidate the traditions and the natural vocation of rural communities.	
5. Ethnic and rural female entrepreneurship: Promoting the participation of women in benefiting from entrepreneurship opportunities that will spiritually and economically dignify them is a moral and social responsibility that TGI champions and promotes.	
6. Innovation - Access to Biogas: Ensuring universal access to affordable, reliable and modern energy services is a global challenge that TGI has incorporated in its development initiatives, in view of the gap in access to basic services in rural Colombia and in many neighboring areas of the company.	
7. Education: Improving the quality and relevance of education is one of the objectives of the social investment made by TGI. In this line, the company has supported "construction, upgrading and equipping school facilities to offer safe, adequate, non-violent, inclusive and effective learning environments for all."	
8. Support for micro and small enterprises: TGI joins the global spirit of generating a culture of entrepreneurship and job creation as a means to drive productivity and innovation in the territories, and thereby foster their sustainable economic growth. The province of Vélez, an example to be replicated.	
9. Social leadership: In the case of the social leadership program carried out in 9 of TGI's direct area of influence (AID, for the original in Spanish) municipalities, transparent communications with all stakeholders is essential. These exchanges promote continuous improvement and strengthen the company's role in the community's engagement and development.	
10. Strengthening of job skills: The diversification of employment is a pressing need to enable the economic growth of people and regions. To this end, TGI promotes the development of profitable and sustainable business units through technical training processes to enhance their productivity and competitiveness.	
11. Corporate volunteer work: The employees join as volunteers who freely and selflessly offer their time, work and talent in favor of the common good of stakeholder groups within the territories of the company's AID.	
12. Risk Management: The methodology adopted for the education and training program is based on the methodology of Awareness and Preparedness for Emergencies at the Local Level (APELL). It is primarily a means to contribute to increasing the awareness of local communities and to promote the culture of prevention, as well as the development of training programs aimed at all stakeholders.	



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