

Sustainability Report

2021

OCENSA

Ocensa

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Sustainability Report 2021

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2021

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Message to Our Stakeholders



GRI 102-14

Ocensa is based on a deep sense of responsibility, which those of us who have worked in the company understand very well. This is not just a cliché, when more than 70% of the production of Colombia's main hydrocarbon producing region depends on us to be viable; and when more than half of the exports that the country counts on to generate investment and wellbeing need our work to be effective and sustainable.

But just as the country counts on us right now, it also trusts in our ability to add value to the future of the industry and the country, where we adapt to the changes experienced by the world in which we operate: today it is more important than ever to challenge the assumptions of the business plan - in a context of slow recovery of the volume of crude oil that has been affecting the sector in recent years - and never take for granted the relationships we establish in that complex system of people, organizations and environmental processes of which we are part.

2021 was a year focused on bringing the future forward. We formulated and incorporated into the daily life of the organization the new 2030 Strategic Framework, with long-term goals that respond to current operational, environmental, social and governance challenges. We are convinced that the only acceptable and feasible way to walk along the company's path of growth and consolidation in the Latin American midstream is through sustainability, based on generating value for all stakeholders and permanent organizational adaptation, which has characterized Ocensa throughout its history.

The business' current and future profitability is a function of a broad set of performance variables: it requires operational efficiencies, diversification of revenue sources, and active regulatory management; it depends on flawless operations in terms of safety for people, the environment and assets; it also implies that we respond to the climate crisis and the degradation of the ecosystems on which we all depend, that we transform our linear economy into a circular one, especially in water use and waste disposal; it requires us to cultivate relationships based on respect and mutual benefit with our employees, contractors, suppliers, authorities and communities in the territories; it forces us to be impeccable in the use of the public resources we manage and commits us to ensure that all the people and companies with whom we engage share our values; it highlights our role as a key player in the regions where we operate, as a driver and advocate of social and economic progress. All of this leads us to internally strengthen and adapt ourselves to continue facing this critical decade, full of challenges and unanswered questions, marked, in many aspects in a definitive way, by the collective trauma on account of covid-19.

I would like to highlight here some positive results and challenges that drives us this year to find better ways to adapt to the new realities and demands of the environment.

Regarding our operation, during 2021 we replaced the TLU-2 for ship loading in Coveñas, which involved a meticulous process of high engineering and is today one of our major milestones. In addi-

tion, we recorded USD 676 M in profits, with a transportation cost per barrel of USD 0.82, in a year still marked by the economic consequences of the pandemic that 2020 brought with it.

Regarding environmental aspects, at Ocesa we have taken on the challenge of decarbonization, in the face of the global challenge of climate change. For 10 years, the company has been managing energy and transforming its matrix, replacing liquid fuel consumption with natural gas, thus significantly reducing GHG emissions. The next step will be to take advantage of Colombia's electricity matrix - which has a low emission factor, thanks to hydro-electric generation - and add capacity with photovoltaic generation projects and other renewable sources. This is not only responsible for society and the environment; it will also lower the cost of energy, generate carbon credits and obtain certified emission reductions, all sources of additional benefits for the company.

By 2022, Ocesa will be carbon neutral, which means that the company's GHG emissions will be equal to the sum of its reductions, thanks to an offsetting scheme that involves the purchase of carbon credits and the execution of projects, with an additional positive environmental and social impact at the local level.

On the social side, our priority will continue to be to build relationships of trust and mutual benefit with the people, groups and communities with whom we work. We were proud to receive several awards for the promotion of our good labor practices and the company's work environment; we continue to contribute to building the technical, administrative and operational capabilities of contractors and suppliers, strengthening their development and leveraging their potential to serve the domestic industry; and we continue to act as stakeholders in local communities, convinced of the potential of

proactive and inclusive dialogue and learning spaces and well-focused social investment for the development of the long-term economic, political, social and environmental capabilities required throughout the company's area of influence. During this year we allocated a total of USD 4,659,393 for social and environmental investment projects, with an emphasis on community development.

Finally, within the governance aspects, I cannot fail to highlight our permanent effort to ensure an ethical operation, which materializes the principles and values at the base of our culture and identity as corporate citizens, which we defend together with Cenit and Grupo Ecopetrol. There is no doubt that the Group's joint work in this area drives the country's progress towards greater transparency, responsibility and sustainability, and strengthens the performance of our companies. Proof of this is the company's solid financial management and the results of its responsible and safe operations. The culture of innovation also leverages, on a daily basis, the capture of efficiencies and progress of our technical and technological capabilities, such as the transportation of diluted mixtures with LPG (liquefied petroleum gas), a pioneering initiative in the country, which came into operation this year.

I would especially like to thank our customers for the trust they place in us every day, and all our collaborators and contractors, who make this management and its results possible, operating with a high sense of responsibility and commitment. To all of you, I invite you to learn about our achievements, goals and challenges in this 2021 *Sustainability Report*.



ALEXANDER CADENA M.

President of Ocesa

Chapter 2

About this Report





About this Report

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GRI 102-50, GRI 102-54, GRI 102-56

In this tenth edition of Ocesa's sustainability report, we reaffirm our commitment to transparency, communicating to our stakeholders the environmental, social, economic and corporate governance performance of the organization, between January 1 and December 31, 2021. Throughout this document, we present a synthesis of our management and relevant contents, with the purpose to continue consolidating it as a key instrument for reporting on the strategic topics and challenges that we as a Company face year after year.

We have prepared the *2021 Sustainability Report* in accordance with the Essential option of the GRI Standards, which also includes some contents of Standard 11: Oil and Gas. Similarly, the report responds to the Communication on Progress (COP) in compliance with the ten principles of the United Nations Global Compact, the contents of the Sustainability Accounting Standards Board (SASB) and the contribution to the achievement of the Sustainable Development Goals (SDGs).

For the first time, we have the limited assurance of a third party, which on this occasion is Ernst & Young Audit S.A.S., an independent auditing firm that follows the guidelines of the ISAE 3000 international standards (see the "EY Verification Report" in the annexes).

GRI 102-53

We look forward to addressing any feedback or questions about this report. We invite our stakeholders to read it and write to us at: sostenibilidad@ocensa.com.co.



2.1

Ocensa in 2021

Below, we present the milestones and highlights of our management in 2021.



Life First

We take care of our people and our assets, avoiding any negative impact on the environment and personnel, and we leverage the implementation of an Accident Reduction Plan

TRIF¹ < 0.57
75% reduction
compared to 2020

Zero

level 1 process safety incidents²

Zero

occupational accidents for direct employees



Building the Future

We make growth opportunities feasible, strengthening the relationship with regulatory entities and clients under a renewed strategic vision

2030 Strategic
Framework and
Business Plan

approved as a road map for the next decade

USD 4 M

earned in additional revenue through barrel flexibilization and loyalty initiatives



New TLU-2

for ship loading at Coveñas

LPG

We are the first pipeline to transport diluted blends with LPG



86.4%

Score in our 2021 customer satisfaction survey, 1% higher than 2020 and 3.6% higher than 2019.

1. Recordable Incident Frequency Rate (TRIF).
2. Incidents involving a minimum amount of loss of containment in accordance with API 754.

We developed a renewed sense of business that enables sustainability, with an ESG approach

-1.162 tons CO₂e

Emission reductions through flexible operating model initiatives and increase in CCA Bi-fuel³

2

emission reduction projects in undergoing maturation: Coveñas Solar Park and ENERGEPO



Financial Competitiveness

We optimized operational costs and ensured operational continuity investments

USD 0.82

vs USD\$0.91 planned cost per barrel

USD 676 M

vs USD 673M planned in net profit

USD 19 M

vs USD 3M planned in efficiencies

USD 3.3 M

recovered in optimizations: station maintenance, chemical injection, geotechnical monitoring, Q&Q contract, station contract, diving technical inspection

USD 2.5 M

in cost reductions due to contract renegotiation and reduced use of DRA at La Granjita station

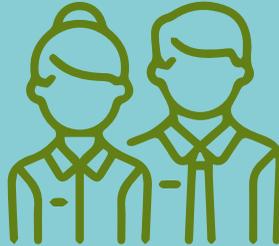
USD 2.9 M

insurance claim recoveries

USD 1.9 M

recovered from provision for positive arbitration award

3. Caucasasia Station (CCA).



Adaptation

We ensure talent and culture ownership to achieve the strategy



ACRIP Award

for best labor practices⁴, for the second year in a row



+20 positions

in the National Ranking of Inclusive Companies of the LGBTI+ Chamber of Commerce, reaching 13th place

GPTW #7

in the National Ranking of the Best Places to Work⁵



Nominated to WIN Awards

in the category of diverse and inclusive companies

Strengthened management

with new procedures and guidelines for contract management, with new roles and tools for proper administration and management

We generate value through the development of technology and innovation initiatives, leveraging a sustainable digital transformation.

USD 1.3 M



value captured through initiatives such as unloading logistics optimization and financial automation

4. Awarded by the Federación Colombiana de Gestión Humana (ACRIP).

5. Awarded by Great Place to Work Colombia

2.2 Where are We Going in 2022



For Ocesa, 2022 will be a year full of challenges and expectations, as we will begin to implement the work plans associated with our 2030 Strategic Map. As a company, we will face challenges in strategic and operational issues, and we will work to mobilize resources and capabilities in all processes to give continuity to the operation, responding effectively to the environment' challenges.

Safe, reliable and eco-efficient operation

Carbon-neutrality



1,000 tons CO₂

Emission reductions and maturation of renewable energy projects



3 stations

with rainwater harvesting



5% 

hazardous and ordinary waste reduction

50%

of waste will be usable

0.53

Target score in Recordable Incident Frequency Rate (TRIF)

0.27

Process Safety Frequency Rate (IFSP) target score

Operational flexibility and cost efficiency

USD 946 M

EBIT (Earnings Before Interest and Taxes)



USD 0.87

Cost per barrel

Effective, ethical and transparent governance



ISO 37000 certification

for the implementation of the Anti-Bribery Management System

+ ESG

ESG plan with contractors and suppliers





Regulation and Growth

Maximizing

current infrastructure and diversification

Proactive and

and assertive role in regulation



Woman leader of rural development

USD 1.4 M

In socio-environmental investment resources



24

productive units strengthened

2

strategic ecosystems with action plans

Technology & Innovation



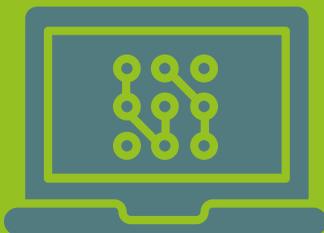
USD 1.6 M

In value capture



3.8 Level

of maturity in cybersecurity C2M2 model





Talent & Culture

+ Movement

Consolidation of the Diversity and Inclusion strategy in four areas

EFR Certification

Balance model as a Family Responsible Company (EFR, derived from its initials in Spanish)



RETO Project

Objective:

Sustainability means meeting the needs of the present without compromising the resources of future generations and their needs, ensuring a healthy balance between environmental care, economic growth and the generation of social well-being. This implies reviewing the current state of things and how they should be modified to meet present and future needs. With RETO, a multidisciplinary team, hand in hand with the different areas, will assist in process analyses to adjust them, seeking to better respond to the new realities we are currently experiencing in the world, the country, the business group and the company.

Chapter 3

Our Company





Our Company

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3.1 Who We Are

GRI 102-2

We are Ocesa, a robust and modern platform for transporting oil in Colombia. We have the most extensive linear infrastructure in the country, transporting crude oil through a pipeline 836 km underground and 12 km under the sea, crossing 48 municipalities in 6 departments.

We are present in Colombia with eleven stations -including nine pumping stations, a pressure reduction station and a marine terminal-, tanks for storing up to five million barrels and a base for coordinating maintenance activities.

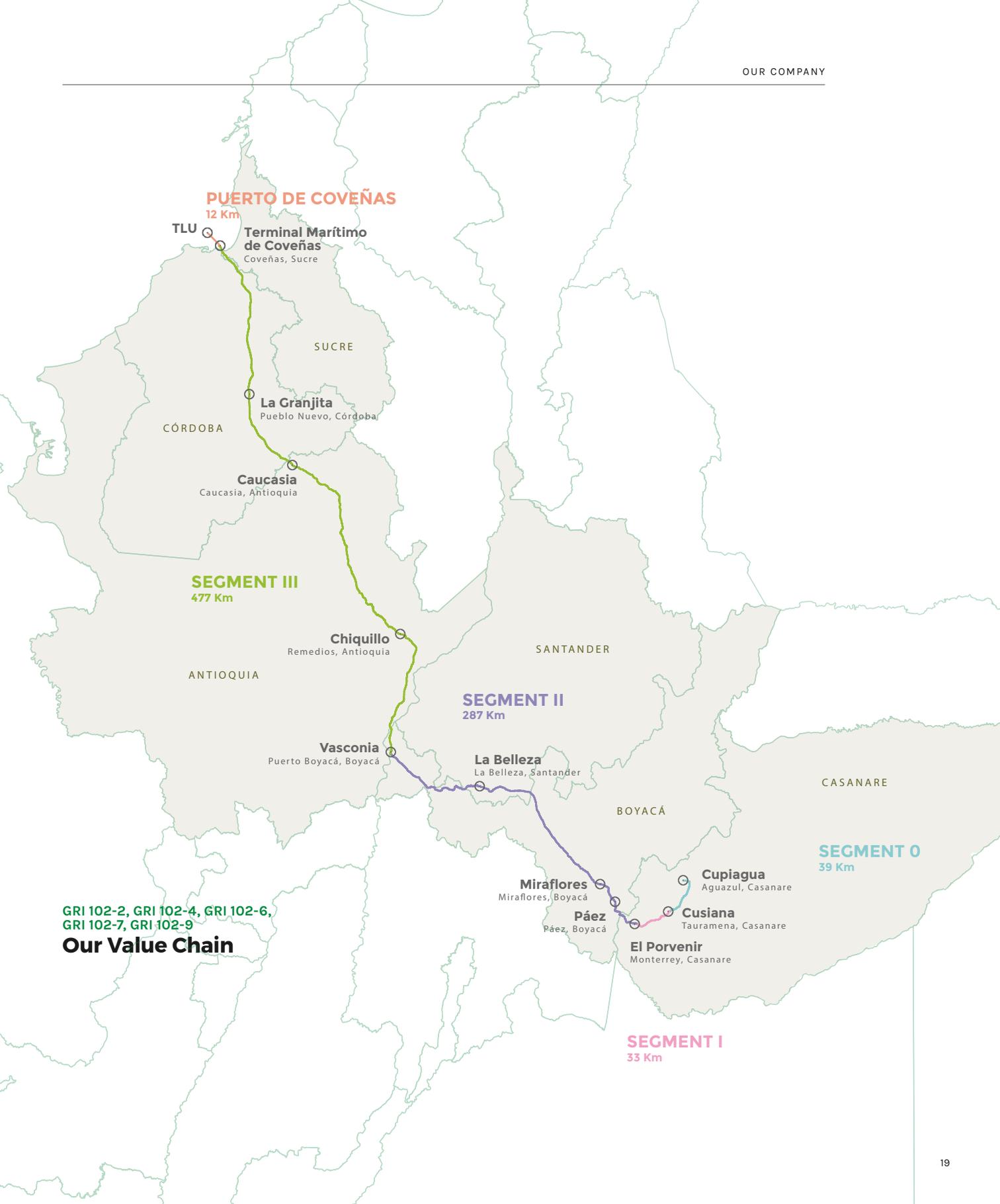


We understand and value the territory where we have been operating for over 25 years.

Colombia is the country that has given us the opportunity to grow, overcoming countless geological challenges related to the country's intertropical location and geographical features. We cross mountains and valleys, rivers and streams, unique ecosystems in the world, in which a great biodiversity is safeguarded. Connecting these territories has allowed us to appreciate their enormous richness and has imprinted in us the vocation to care for them and leave a lasting positive impact.

GRI 102-5

Ocesa is a mixed economy company, governed by the rules applicable to companies. All of the company's shares are ordinary registered shares, which enjoy the same rights and have no purchase restrictions.



GRI 102-2, GRI 102-4, GRI 102-6,
GRI 102-7, GRI 102-9

Our Value Chain

We are the hydrocarbon transportation backbone in Colombia.

Ocensa transports crude oil from the Llanos piedmont in Aguazul, Casanare, to the export port of Coveñas, Sucre, located on the Caribbean Sea, in the Gulf of Morrosquillo. The total length of the pipeline is subdivided into an 836-kilometer stretch of land infrastructure and a 12-kilometer pipeline over the seabed. The overland section crosses 48 municipalities in the departments of Casanare, Boyacá, Santander, Antioquia, Córdoba and Sucre. The underwater section connects the Coveñas Maritime Terminal with the tanker loading unit at sea, TLU-2.

The characteristics of the operation, particularly the system of potholes or batches and the differentiated control of the pressure applied in the different parts of the system, allow the company to offer a segregated transportation service of different classes of crude oils -heavy, light and blend-.

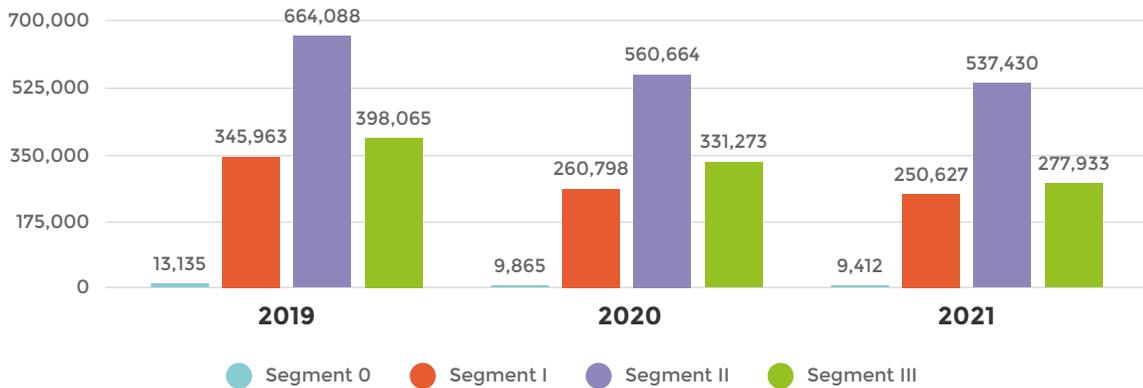
The stations are organized in two large internal jurisdictions, called North Line and South Line, which are further divided into segments, as follows:



Each of the stations has storage tanks and/or infrastructure to monitor the quality and pressure of the crude oil or to pump it due to the slopes of the terrain, especially in the stations located on the eastern and western sides of the Eastern Cordillera de los Andes. For more information on our operation and pipeline route, click [here](#).



GRI 102-7, SASB EM-MD-000.A



Total barrels pumped per segment per day (bpd)

We exhibited a reduction in volumes transported in all segments for three reasons: lower production from the fields connected and partially connected Rubiales, Quifa and Llanos 34 to the pipeline network; lower crude oil production in Castilla due to restrictions on the discharge of produced water; and a higher loading scheme of the Barrancabermeja refinery, which directly affects the volumes received for transportation in segment III. However, even

though less oil was transported in 2021, **Ocensa continued to serve 92.5%⁶ of the natural market in its area of influence.**

2019  **1.02**

2020  **0.80**

2021  **0.82**

**Cost per barrel transported⁷
(USD/bbl)**

6. Estimated based on monthly production reported in press releases from the Ministry of Mines and Energy. At the date of preparation of this report, the data were not yet finalized by ANH.

7. Average total cost without tax for segment II.



Monobuoy TLU2

Morrosquillo Gulf (Córdoba and Sucre)
Northern Line

12 km of offshore pipeline connect with the monobuoy TLU-2 (Tanker loading unit), which can serve tanker ships of up to **300,000** tons, equivalent to **2,000,000** barrels approx.

The current monobuoy is new and began operation in April 2021. It is the oil transfer point between the submarine pipeline and the tanker ships. It is operated remotely from Coveñas station via a fiber optic line.



Coveñas Maritime Terminal

Coveñas, Sucre
Northern Line / Segment 3

The main export port of crude oil in Colombia with a maximum pumping capacity of 60 barrels per hour to TLU2 and storage of **2,800,000** barrels of crude for different grades. It receives all the volumes transported by the pipeline and dispatches the export crude to the cargo units of tankers TLU, located offshore. The system of this terminal allows interaction with other subsidiaries to, if necessary, increase storage.

- 3 tanks of 420,000 barrels
- 3 tanks of 350,000 barrels
- 1 tank of 550,000 barrels
- 1 tank of 35,000 barrels



La Granjita Station

Pueblo Nuevo, Córdoba
Northern Line / Segment 3



Due to its geographical proximity, it facilitates pumping to the Coveñas terminal. It is an intermediate overflow station between Caucasia and Coveñas stations. Granjita was part of the Power 135 Capacity Expansion Project which expanded the pipeline's transportation capacity. It has 3 pumping units and generates its own energy from 2 gas turbines.



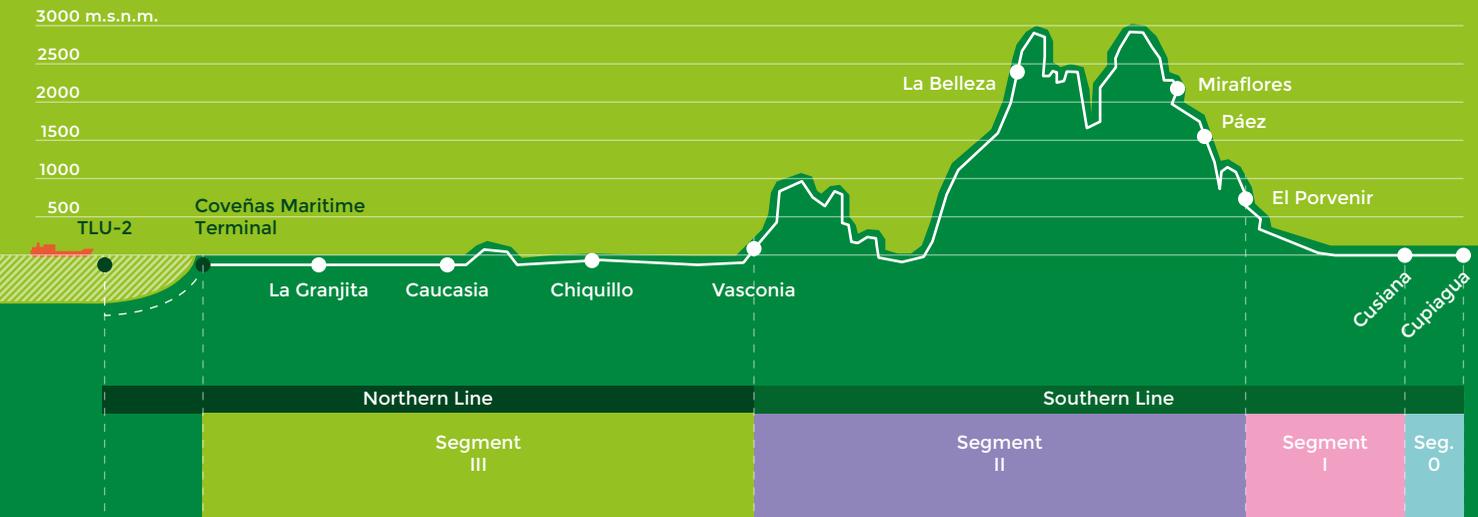
Caucasia Station

Caucasia, Antioquia
Northern Line / Segment 3



It receives crude from the south of the country and carries out its distribution to the refineries of Cartagena and Barrancabermeja, and the export terminal. It is a pumping station in charge of giving more pressure to the crude oil. It has traps of receipt and dispatch that serve to run the tool of cleaning the pipeline.

- 1 tank of 20,000 barrels
- 1 tank of 10,000 barrels



Chiquillo Station

Remedios, Antioquia
Northern Line / Segment 3



Chiquillo is a station for pumping crude oil. It was part of the Power 135 Capacity Expansion Project through which the transportation capacity of the pipeline was expanded. As it is a pumping station, it does not have storage tanks. It generates its own power from turbines.

Vasconia Station

Puerto Boyaca, Boyaca
Northern Line / Segment 3



It receives crude oil from the south of the country and distributes it to the Cartagena and Barrancabermeja refineries, and to the export terminal. It is the point where segment 2 ends and segment 3 begins. It allows the delivery of the difference in volumes to move product to the ODC and Cenit facilities. The remaining volume continues for Coveñas.

1 tank of 100,000 barrels



La Belleza Station

La Belleza, Boyacá
Southern Line / Segment 2



It is a way station and a control center for the pressure and flow of crude oil that arrives from the Miraflores station and heads safely to the Vasconia station through a drop of 2,300 meters.

Miraflores Station

Miraflores, Boyacá
Southern Line / Segment 2



Impeller or pumping station so that the crude reaches 3,000 meters of height. In the receipt it has a 30" pipe and in the office with a 36".

2 tanques de 15.000 barriles

1 tanque de 25.000 barriles

Páez Station

Páez, Boyacá
Southern Line / Segment 2



It is a new station created with the P-135 project. It facilitates the pumping of crude oil and the increase in power for the entire system. It's a pumping station. Operates with 100% electric equipment.

El Porvenir Station

Monterrey, Casanare
Southern Line / Segment 1



It allows the evacuation of crude oil from the Castilla and Chichimene fields. It is the place of collection of crude oil from Monterrey, Santiago and Altos de Porvenir. It is a receiving, storage and dispatch station for the different types of crude.

4 tanks of 50,000 barrels

1 tank of 60,000 barrels

Cusiana Station

Tauramena, Casanare
Southern Line / Segment 1



The station contributes 50% of the volumes transported by the entire pipeline. It receives crude oil from Cupiagua, Rubiales, the Araguaney line and other fields in Meta and Casanare. It has a tank truck unloading facility to receive 80,000 barrels per day that operates 24 hours a day.

1 tank car unloading station with 10 bays

Total crude storage: 950,000 barrels

Total diluent storage: 100,000 barrels

Total water storage: 50,000 barrels

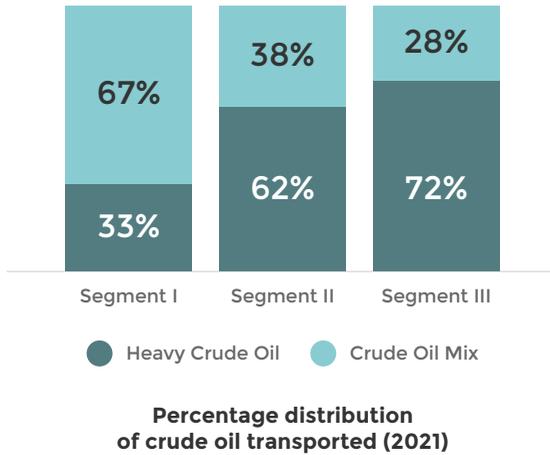


Cupiagua Station

Aguazul, Casanare
Southern Line / Segment 0



The station stores crude oil production from the Cupiagua field. The crude oil is pumped to the Cusiana station to be used as a diluent in ODL's El Viento line operation.



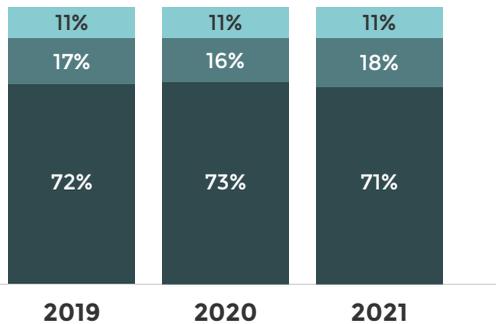
On the other hand, in 2021, heavy crude oil predominated in segments II and III, while in the first segment, blended crude oil prevailed.

Ocensa's segment II acts as a gathering line for all the production fields in the Llanos (Meta and Casanare), which are estimated to be around 300, according to information from the National Hydrocarbons Agency (ANH). Based on this, we monitored the variation of production levels of the most important fields with respect to what was budgeted (PPTO) and the previous year.



Variation in production in Los Llanos (2021)

Similarly, we estimate the origin of natural market transportation volumes⁸.



- Partially Connected
- Not Connected
- Connected

Origin of natural market transportation volumes

Regarding exports from TLU-2 of the Coveñas Terminal, in 2021 an average of 251,050 bpd were exported, 34% less than in the previous year, due to the fact that the TLU-2 monoboy was replaced by a new one during the reporting year and this implied a temporary suspension in the export service from our infrastructure.



⁸. Estimated based on monthly production reported in press releases from the Ministry of Mines and Energy. At the date of preparation of this report, the data were not yet finalized by ANH.

With the 2030 Corporate Strategic Framework as the new road map, Ocesa will work to be a leader in Colombia's hydrocarbon transportation segment, capturing operating efficiencies and diversifying its revenue sources.

3.2

2030 Strategic Framework

We are the energy in motion that connects the country, contributing to its progress and energy sustainability.

Ocensa's 2030 strategy is articulated around sustainability and the generation of value with all stakeholders as pillars. The organizational objectives and goals transcend purely economic aspects, incorporating various aspects relevant to the organization's long-term performance. With a road map that places sustainability at the core of the business, as a guide for all important decisions in the company, a path is outlined that ensures a responsible and efficient operation, harmonizing the relationship with the environment and stakeholders, under a framework of ethical and transparent corporate governance, incorporating the use of technology as a driver for the required organizational transformation.

In this context, during 2021 we joined efforts to establish the 2030 Strategic Framework, including a renewed definition of the vision of success, business purpose and long-term objectives and goals.

How did we define the new Strategic Framework?

We studied and analyzed the operational, national and international context, the economic, regulatory, sociopolitical, environmental and technological dimensions of our operating environment, and the threats and opportunities that may have implications for the business.



Threats and opportunities

Climate change and decarbonization

Forecasted unit cost increase

Forecasted decline in oil transportation demand and need for diversification

Increased insecurity in the territories and greater expectation of social investment during the pandemic

Increase in cyber attacks

Intervention in the regulation of oil pipeline transportation rates

Relevance of ESG criteria

Digital transformation (Industry 4.0)

We also analyze the resources and capabilities of the organization, considering strengths and weaknesses, as a result of the analysis of the leadership team and the different assessments of the corporate processes.



Our purpose and vision

Under the new purpose statement, Ocesa continues to conceive itself as energy in motion; a linear infrastructure that connects territories and consolidates itself as a key player in the country's energy transition.

Purpose

We are the energy in motion that connects the country, contributing to its progress and energy sustainability

Our vision, on the other hand, points to a definition of success to the consolidation of the business in the hydrocarbon transportation segment as a vehicle for generating value to all stakeholders, under an ESG approach (environmental, social and governance aspects)⁹.

Vision

In 2030, Ocesa will be consolidated as one of the main midstream companies in Latin America, maximizing its efficiency, creating comprehensive solutions for its clients, mitigating climate change and generating value for its stakeholders

⁹. ESG criteria refer to environmental, social and governance factors.

Strategic Map 2030

We established three interrelated strategic perspectives developed in 5 objectives:

Sustainability

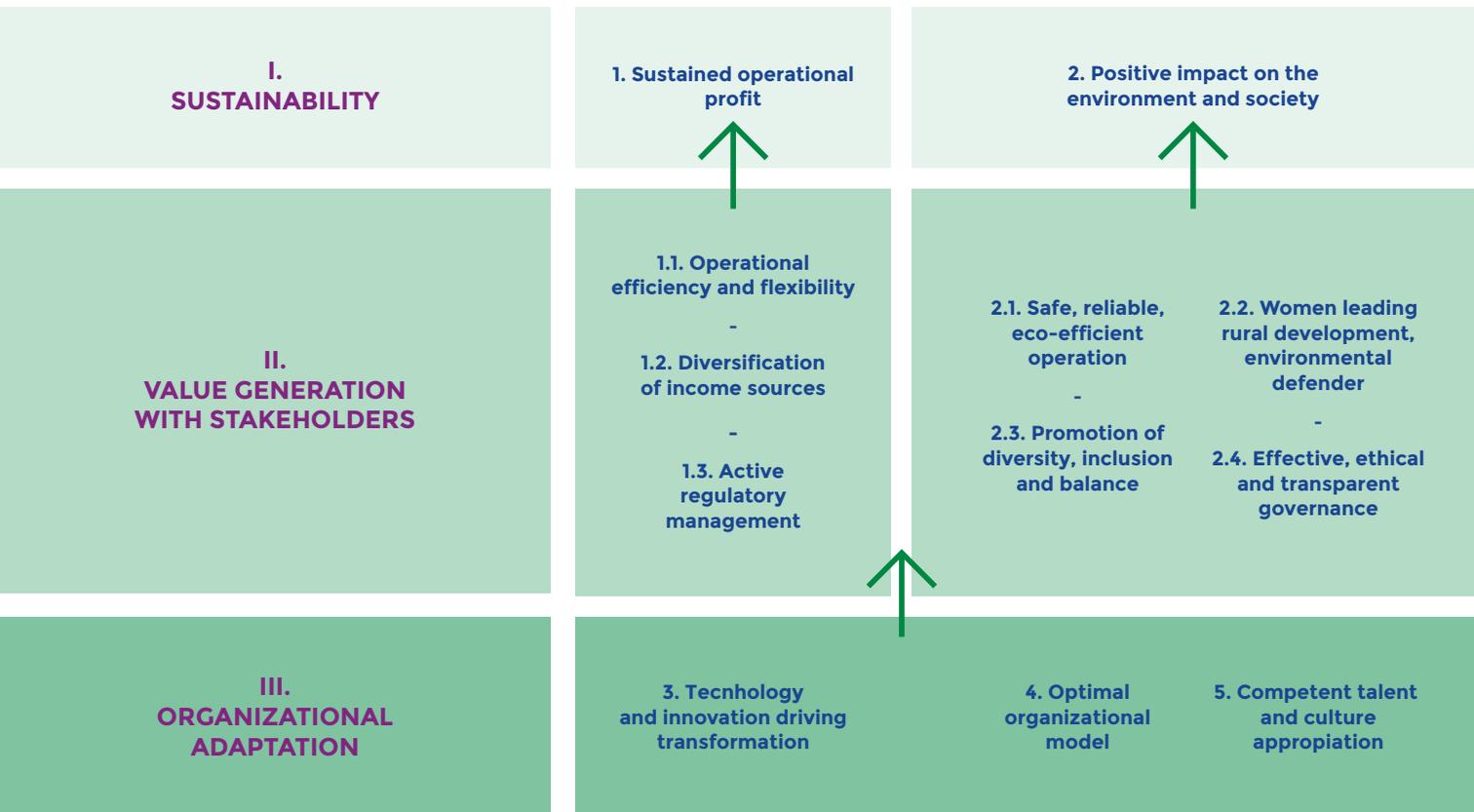
It is conceived as a balance of expected final results both financially and in terms of the impact generated on the environment and society. Click here to learn more about Ocesa's understanding of sustainability.

Value generation with stakeholders

Establishes the environmental objectives that leverage the comprehensive achievement of the results, identifying as Ocesa's stakeholders its customers, investors and shareholders, employees, contractors and suppliers, community and society, and the State.

Organizational adaptation

Seeks to ensure the internal resources and organizational capabilities that enable in a cross-cutting manner the achievement of the objectives of value generation with stakeholders.



Our goals for 2030

<p>Industrial safety</p> <p>Zero recordable incidents to people, working closely with our contractors.</p> <p>Zero incidents of loss of containment greater than one barrel.</p> 	<p>Energy</p> <p>Diversification of our energy matrix, achieving more than a 51% reduction of CO₂ emissions, with respect to the forecasted baseline in 2019, year in which emissions certified by Icontec corresponded to 480,367 tCO₂e = 480 Kton CO₂.</p> <p>12 MW of installed power from renewable sources for self-supply.</p>	<p>Water</p> <p>50% of stations self-sufficient in water.</p> <p>80% of wastewater reused.</p> 
<p>Waste</p> <p>Decrease ordinary waste from 44% (67,460 kg) in 2020 to 30% in 2030, and hazardous waste from 42% (64,373 kg) in 2020 to 35% in 2030.</p> <p>El 100% of the waste corresponding to scrap metal, recyclables and electronic equipment will be recoverable through post-consumer management.</p>	<p>Woman: leader of rural development defender of the environment</p> <p>Network of 5000 women for the defense of the environment.</p> <p>100 productive units strengthened in rural tourism, sustainable agricultural and livestock development, and environmental services.</p> <p>1000 women trained in techniques associated with the environment, rural development and tourism.</p>	<p>Diversity, inclusion and balance</p> <p>Double the participation of women in leadership roles by 2020, from 22% to 44%.</p> 
<p>Effective, ethical and transparent governance</p> <p>Certify our key contractors and suppliers in ESG, with an emphasis on circular economy.</p> 	<p>Technology and innovation driving transformation</p> <p>USD 30 million in benefits through savings, costs not incurred, risks mitigated, processes optimized or revenues enabled.</p> <p>Zero cybersecurity incidents affecting operations and reputation. Positioned in the top quartile of digital maturity, moving from digital wannabes to digital leaders</p>	

Translation teams

Our 2030 Strategic Framework poses great challenges that can only be met through the teamwork and collaboration of our employees and stakeholders. For this reason, we have created thirteen multidisciplinary strategy translation teams (10 for value generation and 3 for adaptation), which seek to translate the general objectives into focused lines of action, projects, initiatives and short- and medium-term goals to ensure achieving our long-term goals. These teams are composed of leaders of the organization and are the ones who ensure the fulfillment of each of our commitments.

Annually, we conduct an analysis and prioritization by the translation teams to identify opportunities for improvement and implement initiatives as new needs arise. This prioritization exercise is directly linked to the Balanced Management Dashboard (TBG, derived from its initials in Spanish), a management tool that allows us to monitor the company's annual progress towards the goals and objectives set out in the 2030 Strategic Framework.

Through these teams, we trace a path of action that leads us step by step towards the achievement of the vision, always ensuring alignment with the corporate purpose: to be the energy in motion that connects the country, contributing to its progress and energy sustainability.

Click [here](#) for more information on our 2030 Strategic Framework.

Value Generation	Adaptation
 Maximize current infrastructure	 Technology and Innovation
 Diversification	 Optimal organizational model
 Operational flexibility and cost efficiency	 Talent and culture
 Active regulatory management	
 Emission reduction and renewable energy	
 Waste and water	
 Woman leader of rural development	
 Safe and reliable operation	
 Diversity, inclusion and balance	
 Effective, ethical and transparent governance	

We have a vocation of permanence in the places where we operate, and our priority is to continue building relationships of trust with all stakeholders. This means building a shared vision of the territory and developing joint projects.

3.3

Relevant Topics

GRI 102-46, GRI 102-49

At Ocesa we know that sustainability priorities change as new trends, standards, agreements, market demands, investor interests, among others, emerge. For this reason, we are committed to identifying, managing and reporting on environmental, social and governance (ESG) matters that are relevant to both us and our stakeholders.

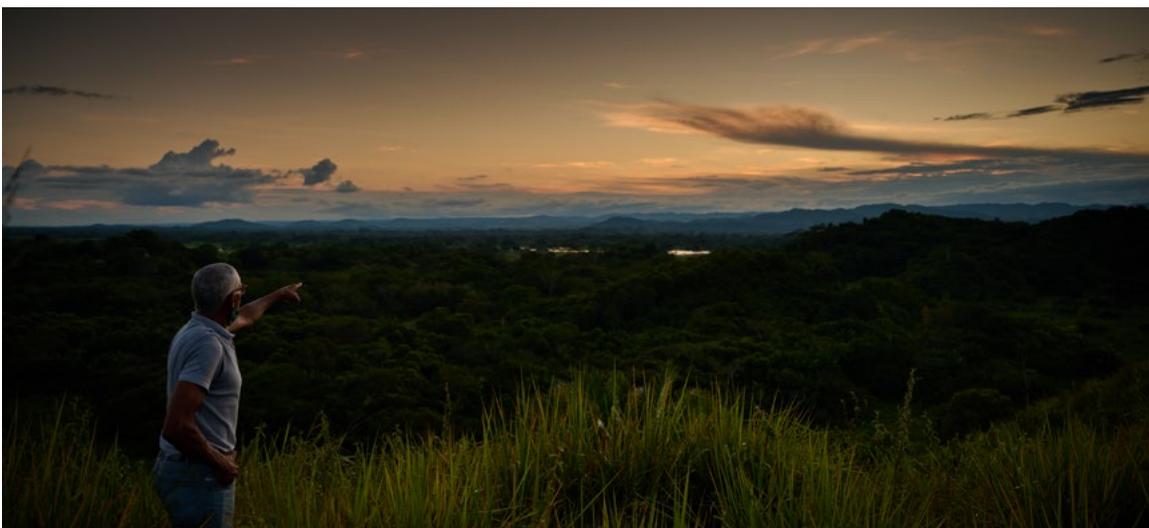
In 2020, we conducted a materiality analysis that allowed us to identify the areas of greatest importance in terms of impacts on society and the environment, as well as the risks and opportunities for the organization. To strengthen this exercise, during 2021 we updated Ocesa's materiality, to include the perspective of our stakeholders, recognizing

the importance they have for the business. The materiality was developed under a dual perspective approach, or financial materiality, in accordance with best practices and in line with Value Reporting Foundations (SASB and IR) and GRI.

The materiality update process consisted of three main phases:



1. Analysis of the context and identification of topics
2. Stakeholder engagement
3. Analysis and prioritization of impacts, risks, and opportunities



During the first phase of **context analysis and identification of potentially relevant matters**, we reviewed and analyzed the main standards, rules, initiatives, frameworks, ESG ratings and rankings of the oil and gas midstream industry, in order to understand the sustainability context of both the operation and Ocesa in the world:

Global Reporting Initiative GRI Sectoral Standard	Task Force on Climate Related Disclosure TCFD	Sustainability Accounting Standard Board SASB
Corporate Sustainability Assessment CSA	Carbon Disclosure Project CDP	Global Compact
MSCI	Sustainable Development Goals SDGs	International Petroleum Industry Environmental Conservation Association IPIECA

We also reviewed and aligned our ESG priorities to midstream materiality, recognizing the effort among the companies of the Grupo Ecopetrol to work together for sustainability topics.

In the second phase, we conducted **stakeholder engagement** (internal and external) through interviews and surveys that allowed us to identify the topics with the highest level of influence on their assessments and decisions, as well as their perception of the significance of environmental, social and economic impacts, risks and opportunities.

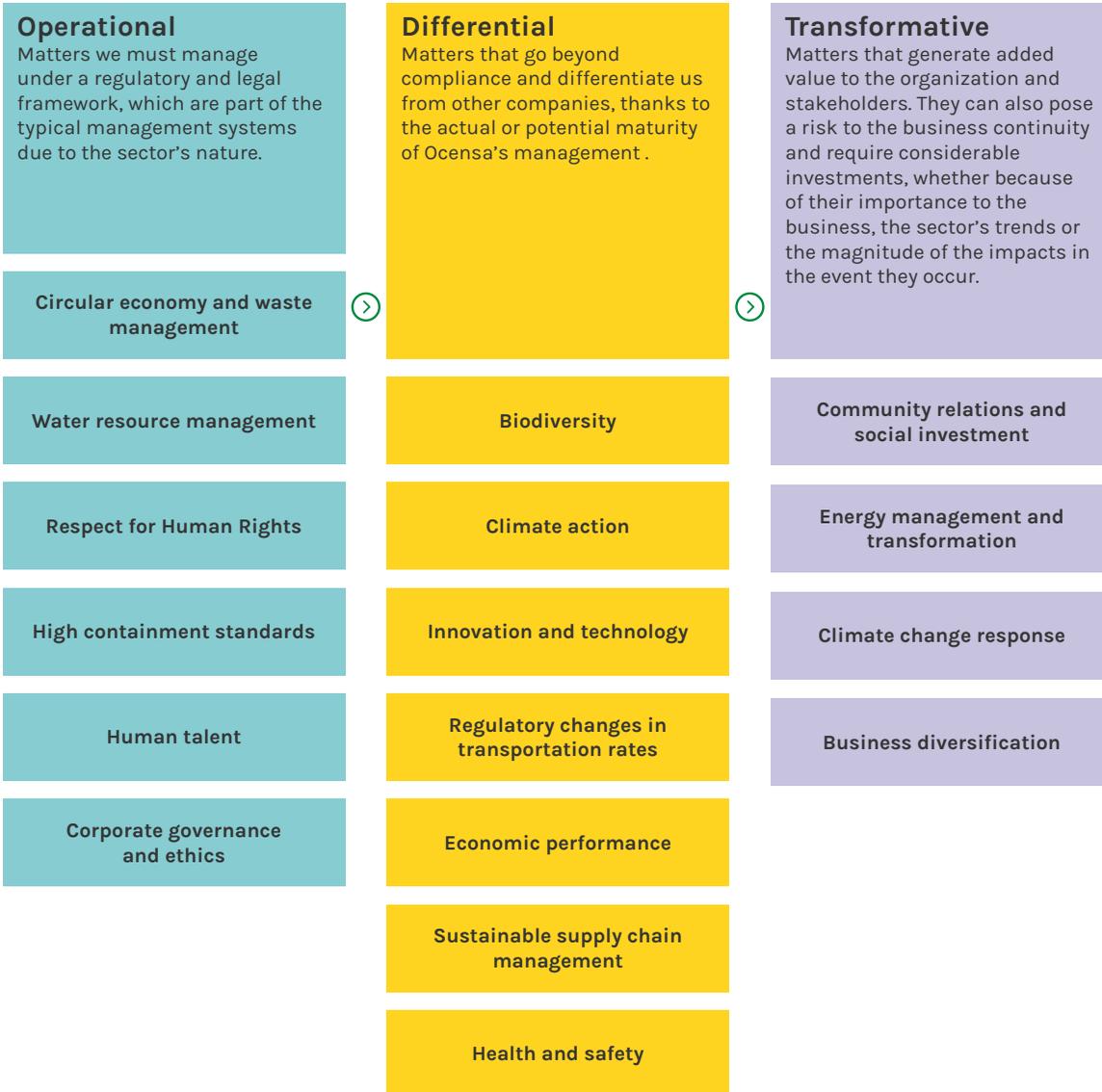
Finally, we carried out the analysis of **prioritization and validation of impacts, risks and opportunities**, in which we prioritized the topics with the highest probability of generating impacts on the environment and society, as well as the matters that represent the greatest risks or opportunities for the organization. In this phase, we also consider the 2030 Strategic Framework, which seeks to position us as **one of the leading midstream companies in Latin America, maximizing efficiency, creating**

comprehensive solutions for our customers, mitigating climate change and generating value for our stakeholders.

GRI 102-47

As a result, we identified **17 relevant topics** for Ocesa in social, environmental and governance matters, which represent our priorities in sustainability either by generating impacts (negative or positive, actual or potential) to people and the environment, or by affecting our business at the level of risks to the achievement of strategic objectives, business continuity and financial performance, or opportunity in value creation. It also considers the issues with the greatest influence for our stakeholders. Additionally, we have categorized these 17 relevant topics into 3 key levels, which allow us to manage the topics according to the level of importance, criticality, maturity and ambition.

Our priorities



In relation to the exercise carried out between 2020 and 2021, it is worth noting the inclusion of 3 new topics:

- Water resource management
- Sustainable supply chain management
- Economic performance

GRI 102-46

Understanding our Priorities

Relevant topics	Associated subtopics	SDGs	Topic boundary			Dimension	
			Core business	Upstream	Downstream	Impact on the environment and society	Impact on the organization
TRANSFORMATIVE							
Community relations and social investment	<ul style="list-style-type: none"> • Environmental compliance investments • Voluntary investments • Social return on investment • Capacity development program • Relationship with the community • Relationship with property owners of the right of way • Operational continuity by social manifestation • Relationship with ethnic populations and minorities 	  	●	●		●	●
Energy management and transformation	<ul style="list-style-type: none"> • Energy efficiency • Energy consumption 		●			●	
Climate change response	<ul style="list-style-type: none"> • Preparedness for climate changes • climate vulnerability • Physical risks of climate change 		●				●
Business diversification	<ul style="list-style-type: none"> • Financial and transition risk management • Alternatives against the decrease in volumes of crude oil to be transported • Socioeconomic impacts of the just transition 	 	●	●	●		●
Biodiversity	<ul style="list-style-type: none"> • Protection of fauna and flora (road corridor) • Conservation and reforestation • Changes in land uses • Ecosystem services (cultural, provisioning, regulation and maintenance) 	 	●	●		●	

Relevant topics	Associated subtopics	SDGs	Topic boundaries			Dimension	
			Core business	Upstream	Downstream	Impact on the environment and society	Impact on the organization
DIFFERENTIAL							
Climate action	<ul style="list-style-type: none"> • Environmental regulatory compliance and regulatory changes • Emissions that deplete the ozone layer • GHG emissions • Environmental regulatory compliance and regulatory changes 		●	●		●	●
Innovation and technology	<ul style="list-style-type: none"> • Capacity development • Infrastructure development • Innovation culture • Digital transformation 		●				●
Regulatory changes in transportation rates	<ul style="list-style-type: none"> • Changes in the legal, contractual, commercial and regulatory environment • Operational effects 		●				●
Economic performance	<ul style="list-style-type: none"> • Economic value generated and distributed • Tax payments • Normative compliance 		●				●
Sustainable supply chain management	<ul style="list-style-type: none"> • Accompaniment of suppliers • Inclusion of minorities and populations in vulnerable conditions • Employment generation • Diversity of contractors and suppliers • capacity development • Supply chain disruption • Selection of contractors (environmental and social evaluation) • Health and Safety at Work • Promoting sustainability in the supply chain 		●	●		●	●
Health and safety	<ul style="list-style-type: none"> • Prevention of occupational accidents • culture of self care • Occupational health • Security 		●	●		●	

Relevant topics	Associated subtopics	SDGs	Topic boundary			Dimension	
			Core business	Upstream	Downstream	Impact on the environment and society	Impact on the organization
OPERATIONAL							
Circular economy and waste management	<ul style="list-style-type: none"> Residuous generation Waste management and disposal Implementation of the circular economy Waste management Environmental regulatory compliance and regulatory changes 		●			●	
Water resource management	<ul style="list-style-type: none"> Effluents and wastewater Water use Environmental regulatory compliance and regulatory changes 		●			●	
Respect for Human Rights	<ul style="list-style-type: none"> Respect and promotion of human rights 	 	●	●	●	●	
High containment standards	<ul style="list-style-type: none"> Prevention of spills, fires and explosions Integrity and maintenance of the asset process safety Asset Management emergency management Pipeline Reliability 	  	●			●	●
Human talent	<ul style="list-style-type: none"> Equal opportunities Diversity (sex, age, region, LGBTI, formations) Intergenerational talent development Gender equality Well-being and work environment Promotion of organizational culture Education, training and development Talent attraction and retention Just labor transition 	 	●			●	●
Corporate governance and ethics	<ul style="list-style-type: none"> Ethical culture Transparency and anti-corruption Money laundering 		●	●	●		●

We will continue to demonstrate that the management philosophy necessary to maintain the company's long-term financial and operational performance involves including all our stakeholders and the environment in the generation of value.



1. Decarbonizing the operation entails major challenges and efforts at the operational, financial, environmental and, of course, human levels. We know that, in diversifying our business, we must create in our collaborators capacities and skills aligned to our strategy, as well as strengthen our selection processes aligned with ESG themes.

3.4 Our Stakeholders

GRI 102-40 GRI 102-42

Within the 2030 Strategic Framework we include the perspective of generating value with stakeholders, which establishes the medium objectives that comprehensively leverage the fulfillment of sustainability results, and is based on maintaining a direct relationship and respectful communications with all our stakeholders, promoting transparent interactions.

GRI 102-43 GRI 102-44

We continue working on strengthening our relationship to establish solid, direct and assertive relationships, through clear and ambitious relationship objectives in line with our strategic perspective of generating value hand in hand with our stakeholders.



Stakeholder	Value Proposition
Shareholders and Investors	Generate value in a sustained manner to its investments, applying management, behavior and good governance standards that ensure the consolidation of trustworthy relationships.
Clients	Offer our clients efficient, timely and quality crude oil transportation alternatives that allow us to generate long-term relationships based on trust and mutual benefit.
State	Respect the social rule of law by fulfilling our obligations, contributing to local, regional and national institutions, and projecting the regulatory framework to ensure a profitable, sustainable and beneficial hydrocarbon industry and infrastructure for all.
Employees	Be part of a company that establishes relationships of trust, transparency, productivity and mutual benefits with its employees, promoting commitment to the country, leadership, equity and professional development within the framework of corporate values.
Community and society	Contribute to territorial development through the exercise of a safe, responsible and transparent business activity that promotes Ocenca's legitimacy with the communities and society, within a framework of co-responsibility, trust, care and mutual respect.
Contractors and suppliers	Establish, develop and manage lasting mutually beneficial commercial relationships based on integrity, responsibility, respect and commitment to life, within the framework of the Company's policies and supply chain

In 2022, we expect to strengthen the management with our stakeholders and to measure and monitor the relationship we have in a cross-cutting manner from the different processes of the organization.

Our conversation with stakeholders revolves around their concerns, interests and needs, which allows us to achieve our business objectives and maintain a timely relationship. The frequency of engagement with all stakeholders is permanent, and we have official and bidirectional communication channels:

Stakeholder	Communication Channels	Topics of interest
Shareholders and investors	<ul style="list-style-type: none"> • Investor Portal • Questionnaires • General Shareholders' Meeting • General Meeting • Senior Management Statements • Management Reports • Specific e-mails 	<ol style="list-style-type: none"> 1. Operational, financial and corporate results. 2. Legal results 3. Environmental results 4. ESG results
Customers	<ul style="list-style-type: none"> • Systematic meetings • Technical talks (OCENSA connects) • Newsletters (infographics, press releases) • Satisfaction Survey 	<ol style="list-style-type: none"> 1. Customer Satisfaction Measurements 2. Contract Negotiation 3. Analysis and/or implementation of new operating options 4. Periodic review of the Shipper Manual
State	<ul style="list-style-type: none"> • Single Environmental Cashier Register • Official letters • Informative meetings • Evaluation and/or monitoring visits • Partnerships or agreements • Community meetings • Delivery of information • CMGRD meetings • Monitoring committees • Regional business security front • Face-to-face meetings 	<ol style="list-style-type: none"> 1. Regulatory Compliance Reports 2. Subscription, execution and settlement of agreements to collaborate in common objectives. 3. Reading the environment 4. Information associated with complaints, PQRS, lawsuits, due diligence if necessary. 5. Port security assessments 6. Comprehensive and joint risk management 7. Joint work in operational, social, security and other emergencies. 8. Aerial and satellite surveillance of the right-of-way. 9. Dispute resolution 10. Emergency brigade training with civil defense. 11. Authorizations (permit management) and environmental assurance (compliance)

Employees	Canales de Comunicación	Temas de interés
Employees	<ul style="list-style-type: none"> • Intranet • Social Media (Facebook) • Business Partner • Coexistence Committee • Meeting with the President • Tactical Committee • Primary Committees • Lin Meetings • COPASST • Ethics Line • Success Factor • Institutional WhatsApp 	<ol style="list-style-type: none"> 1. Occupational health and safety 2. Work environment 3. Capacity building (education and training) 4. Organizational culture 5. Working conditions 6. Promotion potential 7. Compensation and benefits 8. Leadership 9. Diversity and inclusion
Community and society	<ul style="list-style-type: none"> • PQRS • Workshops • Focus Groups • Social Responsibility and Human Rights Annexes • Informative meetings / General meetings • Surveys • One-on-one meetings • Media Bulletins • Let's Talk About Our Management • Partnerships • Project • Events 	<ol style="list-style-type: none"> 1. Hiring of local skilled and unskilled labor. 2. Social investment (sustainable economic reactivation, environment, institutional strengthening, community development, education, knowledge management). 3. Road maintenance 4. Onboarding 5. Procurement of goods and services 6. Human Rights 7. Risk Management 8. Environmental Care 9. Assisting management and aware of the occurrence of blockades by property owners
Contractors and suppliers	<ul style="list-style-type: none"> • Formal and/or commercial meetings • SUPLOS • Awards events • Comprehensive Talks • Local and regional meetings 	<ol style="list-style-type: none"> 1. Disclosure of information related to strategic sourcing issues 2. Capacity building (suppliers, training programs, training, community programs, social contribution). 3. Important mass communications (corporate updates, fraud prevention, legal issues). 4. Management of the environment for contract development 5. Sustainability

To strengthen our stakeholder management, during 2022 we will establish a stakeholder engagement strategy, which will provide the guidelines, principles and standards that guide our interactions with all stakeholders. This strategy also seeks to improve the quality of stakeholder engagement through

compliance and alignment with international standards, rules and frameworks such as ISO26000, AA1000SES and GRI, which will facilitate and promote the achievement of the 2030 Strategic Map and add value to the environment.

Caring for people, the environment and protecting the trust that society places in us to manage its resources, are non-negotiable values for Ocensa, not only internally, but throughout our supply chain.

3.5

Sustainable Supply Chain Management

GRI 103-1

Why is this topic important?



Sustainable Supply Chain Management at Ocesa refers to the **strategic and transparent integration of procurement**, logistics and supplier management processes, to minimize the environmental, social and economic impacts produced by our operations. On this basis, we seek to promote good practices and comply with the regulatory framework throughout the lifecycle of goods and services.

Regarding environmental issues, we are incorporating circular models to minimize the impact of the goods demanded by Ocesa, thus maximizing the value of waste. We also optimize the supply network through the development of contractors and suppliers in the municipalities located in areas of influence, reducing the negative environmental impacts in the material distribution process

Socially, we endeavor for all our contractors and their workers to be treated in accordance with the labor laws, ensuring the fostering and respect of human rights and promoting a safe and risk-free work environment. We also know that, by continuously expanding our supplier network, we can generate more jobs in local communities, helping to improve their living conditions, develop new products and businesses, and support entrepreneurship.

In terms of economic factors, we are committed to optimizing costs, building more efficient procurement models, aligning contractors with our ESG vision, and managing inventories comprehensively. Thus, we can leverage on the economic results and the fulfillment of our strategic objectives, generating savings, higher income and greater value.

These sustainable management actions are based on ethical, end-to-end traceable processes, which seek to minimize risks, eliminate waste and create collaborative networks with contractors committed to sustainability.

GRI 103-2

How do we manage it?



In order to manage and be in line with the best practices on ESG issues, we continuously define action plans with our contractors on the most relevant aspects for the company, carrying out periodic assessment to identify gaps and opportunities for improvement.

In addition, we seek to ensure the continuity of the supply chain by expanding the supplier network, identifying those that can supplement each other according to our service needs. Also, we try to guarantee their involvement in our asset lifecycle mix, fostering proper waste management.

To improve the strategic decision-making process and guarantee the continuity of local companies, we structure, promote, and implement, together with Corporación Minuto de Dios, capacity building programs through training, diploma courses, workshops, among others.

On the other hand, and committed to diversity and inclusion and in accordance with our Strategic Map to 2030, we hold workshops with contractors to close any possible gaps that may exist in this regard.

Finally, we continuously generate improvement plans based on technological tools for Ocesa to view the supply chain in full.

GRI 103-3

How do we assess it?



We monitor our supply chain through indicators related to inventory management and savings. We also monitor the Capacity Building Program by the number of graduates and satisfaction surveys.

GRI 102-4, GRI 102-9

We are a domestic company with a presence in 48 municipalities. We contribute to the country through the acquisition of goods and services, where more than 96% of expenditures are made in the country. We believe in Colombia and we bet on its development.



GRI 102-25, GRI 11.20

We are an organization that, due to the nature of its business, has many contractors and suppliers. Therefore, we ensure that each party involved with the organization complies with our transparency and anti-corruption practices.

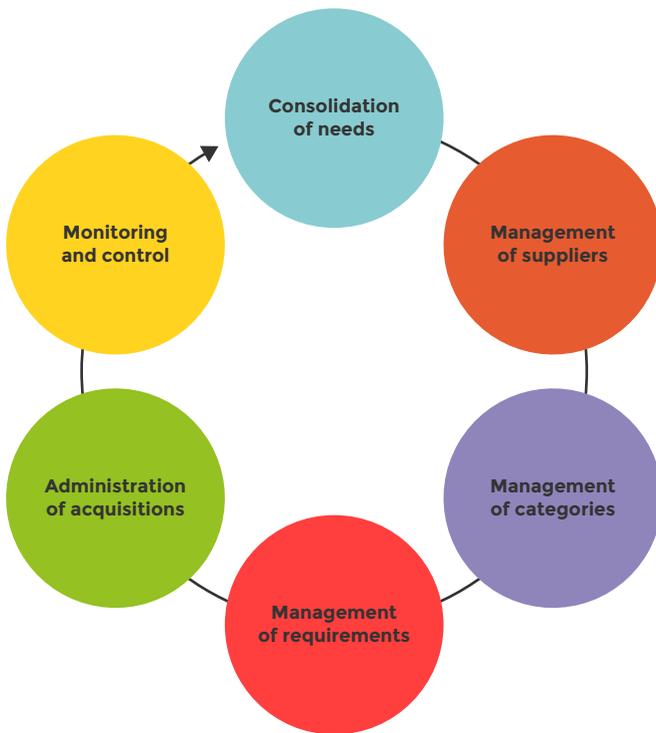
We have a process in place to identify corruption risks in the supply chain, which are managed through the operational application of controls for each type of anti-corruption practice involved. These controls are reviewed in two independent audits that focus on the development of design and operational tests of the controls intended to mitigate this type of risk.

In pre-contractual processes -prior to the execution of an agreement-, our employees act in accordance with the principle of responsibility and integrity, understanding that each procurement process is impartial and objective, ensuring that no privilege or personal benefit is sought, and that no negotiation is carried out for clientelism or favoritism reasons.

Ocensa employees do not maintain private business relationships with suppliers, contractors, clients, co-workers, or with the competition, from which they may obtain any undue benefit due to their position, function or activity with or for the company. Likewise, all our employees report conflicts of interest before beginning a procurement process.

In addition, we conduct risk analyzes on all our business counterparties and carry out due diligence processes in the event of any red flags related to money laundering, terrorist financing and financing of the proliferation of weapons of mass destruction. Similarly, at the time of establishing an agreement and, as a prerequisite for any payment, we verify that funds are not misused.

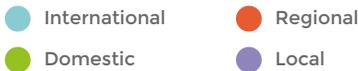
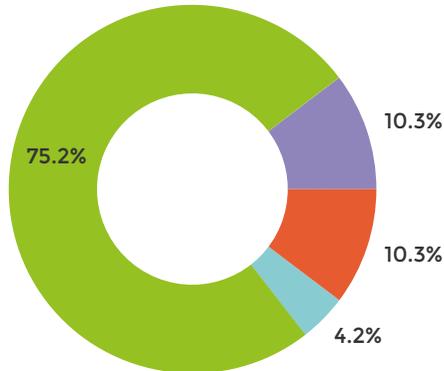
For the management of our supply chain, we have a process in place framed in the PDCA model (Plan, Do, Check and Act).



PDCA Model

Our supply chain

Suppliers



Distribution of our suppliers according to their origin (2021)¹⁰



● Total number of suppliers
● Number of regional and local suppliers

Number of suppliers according to their origin

Contractors

During 2021, a total of 338 contractors were registered, of which 16.3% correspond to local companies, compared to 15.8% in 2020. Likewise, there was an increase of 18%¹² in contractor workers, of which 55.9% corresponds to skilled labor, with an average annual increase of 16.3%, and 68.7% corresponds to local labor.

GRI 102-8

Of the contractor workers reported as personnel exclusively dedicated to the service procured by Ocesa in 2021, 21.6% are women, compared to 9.94% in the previous year.

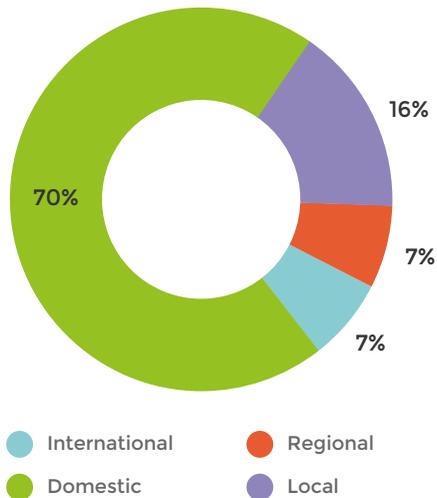
GRI 102-9

In 2021, more than 2,500 suppliers registered on our platform; of these, only 4% are international, while the remaining 96% are distributed in domestic, regional and local suppliers; regional and local suppliers account for 20.6% of the total. In recent years, we have redoubled efforts to contribute to the development of economies in Colombia, achieving significant increases in the total number of regional-local suppliers¹¹.

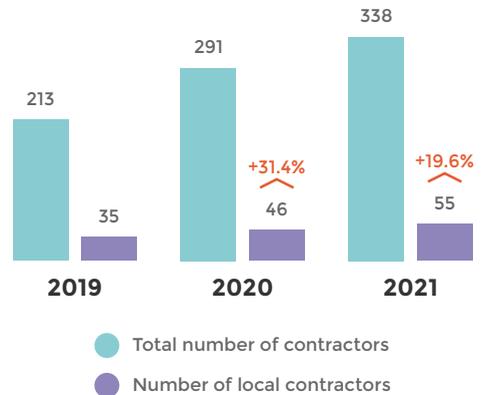
10. International refers to regions abroad Colombia. Domestic refers to the capital cities of Colombia; local refers to the 48 municipalities in the area of influence and regional refers to municipalities that are neither capital cities nor are located in the area of influence.

11. During 2019 and 2020, the local category was included in the regional category. For the purposes of this report, the information is presented with these consolidated data, taking into account that in previous years there no distinction between local and regional was made.

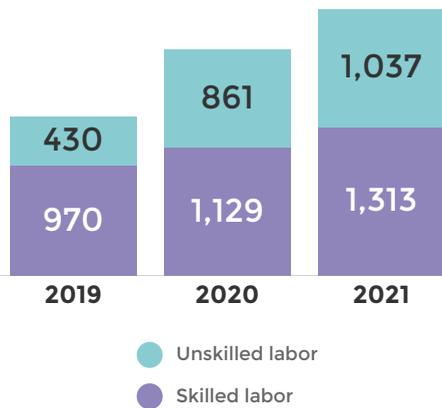
12. In 2021, the calculation methodology changed with respect to 2020, considering that in 2020 only the number of contractors registered in December was accounted for. In 2021, data was available from July to December.



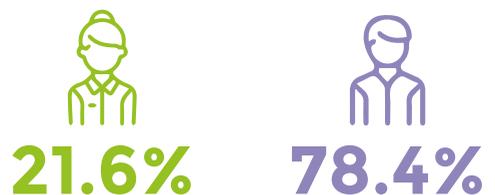
Distribution of our contractors according to their origin (2021)



Number of local vs total contractors



Labor exclusively dedicated to the service provided by contractors

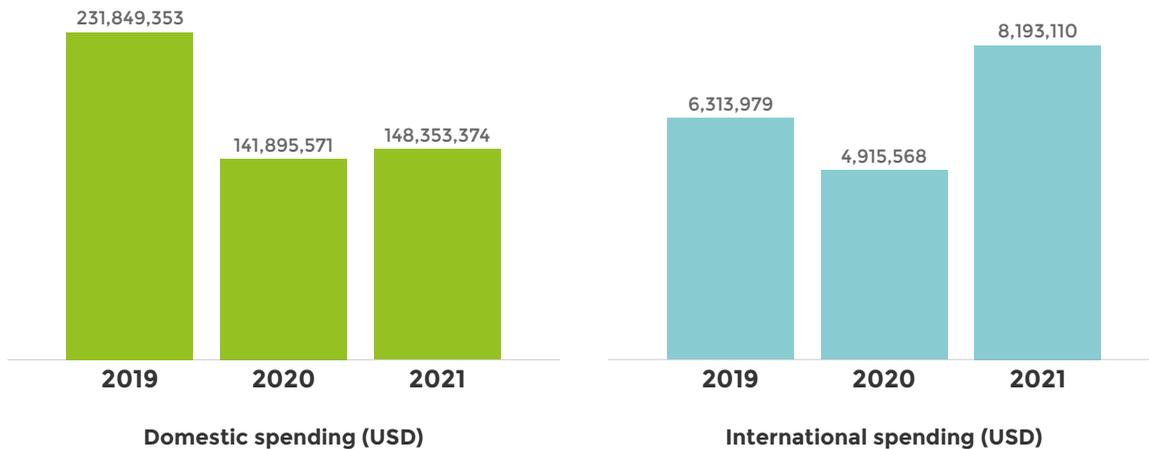
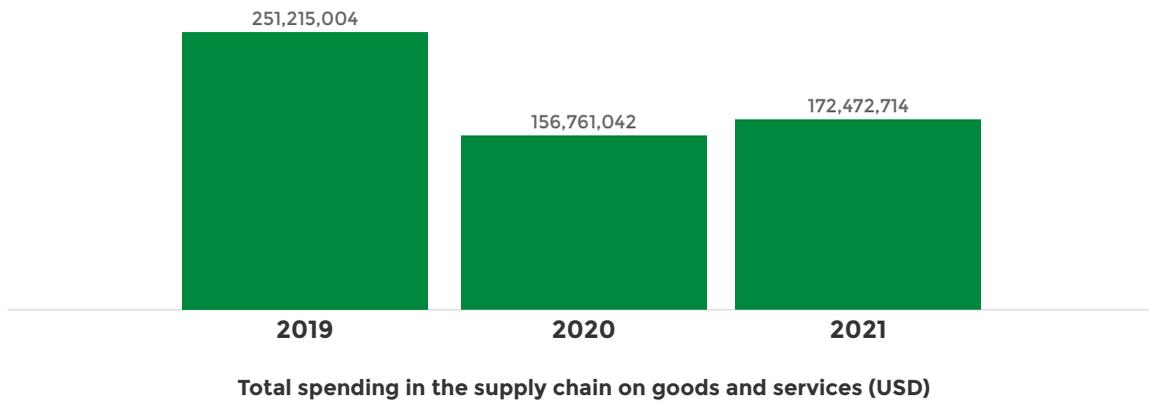


Supply of goods and services

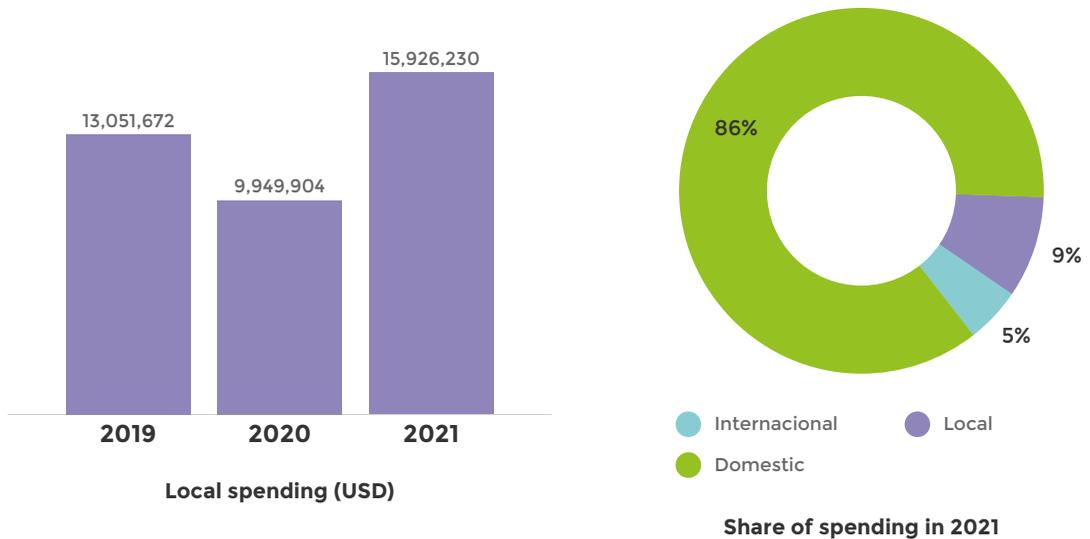
There are five general categories in the supply of goods and services:



GRI 102-9



GRI 204-1



At Ocesa we promote the economic development of Colombia, in 2021 95% of our spending was on goods and services was contributed to the entire national economy, where 9% was allocated to local economies, 60% more than in 2020

During 2021, the acquisitions of goods and services were allocated to the operations of crude oil, gas, electric power generation, offshore activities and maintenance and repair of equipment, thus guaranteeing the optimal operation of our productive assets and the performance of civil works to strengthen the integrity of the pipeline.



Capacity Building Program

Ocensa's Capacity Building Program leverages on the sustainable management of contractors and suppliers. Since its creation in 2016, more than 1,000 community companies have participated in the characterization and diagnosis stages (phase 1, 2 and 3 since 2016), with direct or indirect support from local authorities and various community members.

During its execution, **USD 374,000** have been invested in the program, involving representatives of community action boards, women's associations, indigenous and black councils, as well as small and medium-sized companies in the catering and event sectors, agricultural sector, construction and civil works, maintenance, transport and tourism, achieving remarkable results, such as:

- Establishment and strengthening of bonds of trust with territorial players in municipalities such as mayors' offices, community action boards and associations, fostering the generation of shared value.
- Creation of a sense of local ownership of the program and active participation of communities.
- Strengthening of the business fabric through the establishment of networks and multi-stakeholder alliances.
- Identification of the potential for development of local businesses by those involved.
- Broadening of the perspective of entrepreneurs through innovation in products and services, the generation of networks and alliances, and the recognition of business opportunities in their municipalities.
- Strengthening of the entrepreneurs' adaptability to change and their resilience to face threats.



The Capacity Building Program in figures



Initiatives that boosted the sustainable management of the supply chain in 2021



Digital sourcing

In order to improve interaction with suppliers in supply processes, integrating the entire process and assurance in a single technological tool, we implemented the E-Sourcing platform, which includes seven modules for managing procurement, purchasing and agreement processes, ensuring the traceability, transparency and control of processes. This allows us to strengthen the database of potential suppliers for a greater number and participation of bidders in processes.

Significant Experiences Award

We obtained the “2021 Significant Experiences in Social and Environmental Management of the Energy and Mining Sector” award organized by the Ministry of Mines and Energy (MME), the National Hydrocarbons Agency (ANH) and the National Mining Agency (ANM), in the category “Reduction of Inequalities”, for the development of the Capacity Building Program.



RECONOCIMIENTO
EXPERIENCIAS SIGNIFICATIVAS
 EN GESTIÓN AMBIENTAL Y SOCIAL
 DEL SECTOR MINERO ENERGÉTICO



Where are we heading?

In the medium term:

- We will reduce the environmental impact that may be caused by the acquisition and supply logistics operations.
- We will continue with the diversification of the supplier portfolio, guaranteeing the company’s supply network and reducing the level of risk due to possible dependency.
- We will monitor the working conditions of our contractors and their workers.
- We will align the ESG aspects of the company and our contractors..

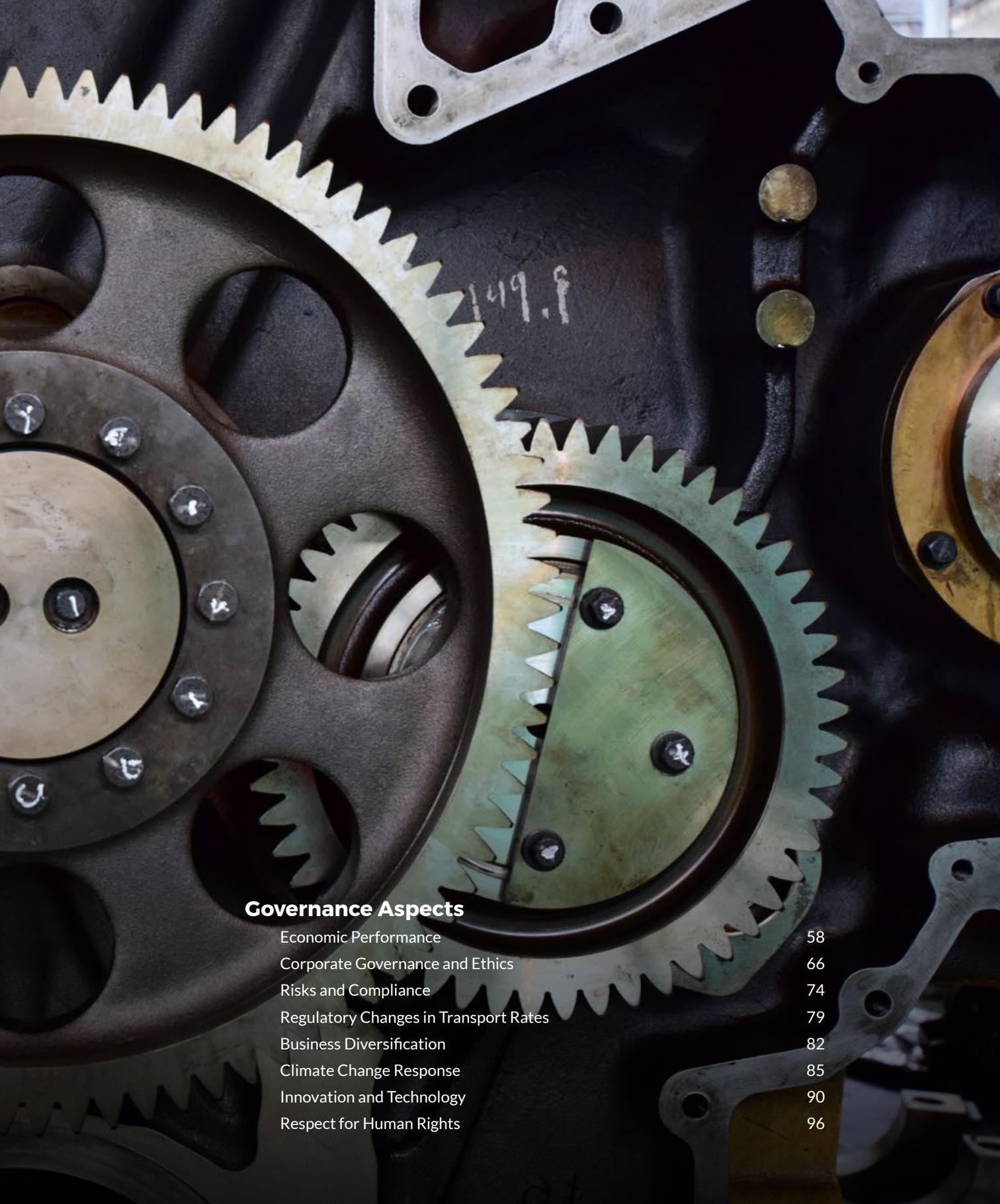




Chapter 4

Governance Aspects





Governance Aspects

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Innovation and Technology	90
Respect for Human Rights	96

When we talk about governance aspects at Ocesa, we refer first of all to the company's commitment to transparency in the communication of information that is relevant to our stakeholders: what are the corporate governance practices we take, what mechanisms have we implemented to integrate the administration principles and rules that govern us on a day-to-day basis, and what results have we obtained from our management.

However, the perspective of sustainability that guides our corporate strategy also entails responsibly managing a series of relevant aspects, ranging from human rights and the response to climate change, to economic performance, business risks, or technology and innovation as drivers of the change we seek to promote.

How do we promote governance in Ocesa?



Economic performance



Corporate governance and ethics



Risks and compliance



Regulatory changes in transport rates



Diversification of business



Climate change response



Innovation and technology



Respect for human rights

As a result of the management of these issues, we have solid and robust foundations to promote sustainability from corporate governance. These are our core pillars that enhance and make possible the achievement of our strategic objectives and leverage on the results and achievements of social and environmental components.

Thanks to our management, behavior and good governance standards, we generate trust and sustained return on investment. The value generated and distributed leverages territorial development in the area of influence of the operation.

4.1 Economic Performance



GRI 103-1 Why is this topic important?



We are aware that by maximizing the value of the company and ensuring that our operation is profitable, we achieve both business continuity and protect the interests of our shareholders. For this reason, we continuously analyze and monitor the revenues related to the transportation of crude oil, as well as the fixed costs and other variables related to the operation

GRI 103-2 How do we manage it?



We seek to guarantee the proper allocation, rationalization and use of revenues, costs and expenses for the fulfillment of the strategic initiatives of the organization, ensuring the optimal use of resources and maintaining high standards of operational efficiency and financial ethics. In addition, we periodically carry out analysis, monitoring, control and reporting processes on the use of the budget and projections.

We create scenarios and sensitivity analyses according to the volumetric curve (volumes of oil transported) in the short and medium term, taking into account macroeconomic indicators and monitoring cost and expense initiatives. Also, we periodic monitor the use, modification and control of our budget.

In this regard, we generate transparent, timely and quality information for decision-making by the Board of Directors and the reporting of information to interested parties, while providing the necessary tools for adequate management and cost control in the internal management of the company.

GRI 103-3 How do we assess it?



We carry out a quarterly evaluation of our financial statements, in which we include indicators associated with net sales, operating costs, tax payments and EBITDA, among others.

- The reference rate used for the conversion of all figures in this chapter was \$3,743.09 in the year 2021¹³
- All figures in this chapter are stated in thousands of dollars (KUSD)

GRI 102-7

Based on the ownership of plant and equipment, as well as the intangibles of the company and the port concession agreement, Ocesa's total capitalization was \$40,090 in 2020 and \$29,347 in 2021. Specifically:

Item	2019 (KUSD)	2020 (KUSD)	2021 (KUSD)
Capital	48,319	30,173	19,388
Port concession agreement	31,910	9,379	9,786
Intangibles	794	538	173

13. The figures reported herein are stated in thousands and millions, with variable reference exchange rates. For the next report, Ocesa will endeavor to unify the figures under a single monetary unit and reference exchange rate.

GRI 201-1

Economic value generated and distributed¹⁴

Indicators	2019 (KUSD)	2020 (KUSD)	2021 (KUSD)	Change 2021 vs. 2020 (%)
EBITDA	1,349,999	1,179,644	1,069,618	-9.33%
Revenues (economic value generated)	1,556,413	1,343,981	1,230,913	-8.41%
Operating costs	324,771	275,447	163,793	-40.54%
Employee wages and benefits	24,996	22,572	22,566	-0.03%
Payments to the government	318,351	351,906	274,728	-21.93%
Community investments	2,418	2,656	4,310	62.27%
Total economic value distributed	670,536	652,581	465,397	-28.68%
Economic value retained (VEG-VED)	885,877	691,400	765,516	10.72%

Total payments for transportation tax

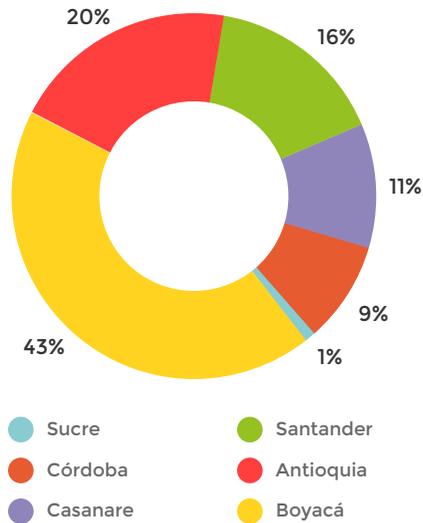
	2019 (KUSD)	2020 (KUSD)	2021 (KUSD)	Change 2021 vs. 2020 (%)
Total payments for transportation tax ¹⁵	26,928	24,201	21,489	-11.21%

The total amount paid for transportation tax decreased in 2021 compared to 2020 due to the decrease in the volumes transported in all segments, mainly caused by lower crude oil production as a result of environmental restrictions and adjustments to the Barrancabermeja refinery loading schedule, which directly affected the volumes received for transportation in segment III. The average transported volume for segment II was 537 kbpd in 2021 compared to 561 kbpd in 2020.

14. In 2021, Ocesa has a debt of 500 million dollars.

15. Figures for 2019 and 2020 restated, taking into account the closing reference exchange rate of \$3,281 and \$3,693, respectively.

Distribution of total payment of the transport tax by department in 2021¹⁶



Distribution of total payments by department in 2021

	2019	2020	2021	Change 2021 vs 2020 (%)
Antioquia (USD)	5,474	4,956	4,334	-12.5%
Caucasia	1,229	1,160	1,015	-12.5%
Puerto Berrío	1,320	1,035	905	-12.5%
Puerto Nare	102	97	85	-12.5%
Remedios	1,295	1,222	1,069	-12.5%
Segovia	466	439	384	-12.5%
Zaragoza	1,062	1,002	876	-12.5%

16. The transportation tax is paid in pesos, but figures are translated into dollars for the purposes of the Sustainability Report.

	2019	2020	2021	Change 2021 vs 2020 (%)
Boyacá (USD)	11,085	9,922	9,262	-6.7%
Boyacá	213	191	174	-9%
Campohermoso	782	700	668	-4.6%
Jenesano	960	859	787	-8.4%
Miraflores	1,386	1,241	1,137	-8.4%
Moniquirá	178	159	133	-16.1%
Otanche	1,949	1,744	1,678	-3.8%
Páez	782	700	649	-7.9%
Ramiriquí	604	541	518	-4.3%
Sáchica	498	445	413	-7.4%
Samacá	818	732	685	-6.5%
San Luis de Gaceno	142	127	110	-13.7%
Santa Sofía	924	827	759	-8.2%
Sutamarchán	44	39	31	-21%
Ventaquemada	284	255	244	-4.1%
Villa de Leyva	702	629	576	-8.4%
Zetaquirá	818	732	700	-4.4%

	2019	2020	2021	Change 2021 vs 2020 (%)
Casanare (USD)	2,707	2,444	2,257	-7.7%
Hato Corozal	4.2	5.7	6	5.5%
Maní	12.5	9.8	10.4	5.5%
Monterrey	1,728	1,569	1,431	-8,8%
Nunchía	17.5	7	7.4	5.5%
Paz de Ariporo	1.9	2.6	2.8	5.5%
Pore	1.5	2.1	2.2	5.5%
Sabanalarga	934	840	789	-6.02%
Trinidad	7	7.8	8.2	5.5%
	2019	2020	2021	Change 2021 vs 2020 (%)
Córdoba (USD)	3,302	2,971	1,978	-33.4%
Buenavista	594	561	491	-12.6%
Chinú	110	104	91	-12.6%
La Apartada	283	267	234	-12.6%
Momil	206	194	170	-12.6%
Planeta Rica	370	349	305	-12.6%
Purísima	65	61	54	-12.6%
Sahagún ¹⁷	906	709	0	-100%
San Andrés de Sotavento	582	549	480	-12.6%
Tuchín	186	175	153	-12.6%

17. The municipality of Sahagún became a producing municipality, for which the Ministry has not settled the transportation tax since 4Q 2020.

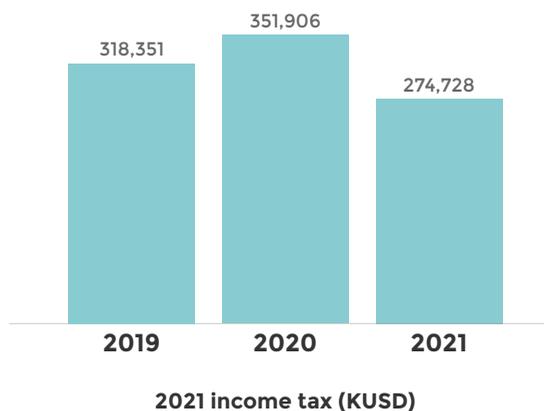
	2019	2020	2021	Change 2021 vs 2020 (%)
Santander	4,219	3,776	3,543	-6.2%
Albania	462	414	372	-10%
Florián	1,441	1,289	1,241	-3.7%
Jesús María	640	573	541	-5.6%
La Belleza	610	546	492	-9.9%
Puente Nacional	1,067	955	896	-6.1%

	2019	2020	2021	Change 2021 vs 2020 (%)
Sucre	140	132	116	-12.6%
Coveñas	140	132	116	-12.6%

Income tax

During 2021, Ocesa paid income tax of approximately USD 275 million to the national government.

During 2021, we paid a lower income tax mainly due to the lower tax profits, which decreased the amount of the tax, the reduction of the income tax rate and higher tax discounts made.



Others

Item	2019	2020	2021	Change 2021 vs 2020 (%)
	Reference exchange rate \$3,281	Reference exchange rate \$3,693	Reference exchange rate \$3,743	
Volumes Transported KBPD Segment II	664	561	537	-4,28%
Crude Oil Transport	1,493,024	1,302,996	1,193,885	-8,37%
Total Operating Income	30,608	31,974	27,192	-14,96%
Concession (IFRS 12)	32,782	9,010	9,836	9,17%
Total Operating Income	1,556,413	1,343,980	1,230,913	-8,41%
Personnel	24,996	22,572	22,566	-0,03%
O&M Fixed Costs	83,408	63,032	65,481	3,89%
O&M Variable Costs	95,762	62,878	54,322	-13,61%
Depreciations	115,638	108,712	106,071	-2,43%
Fees and services	6,536	3,941	3,684	-6,52%
Leases	651	283	1,637	478,45%
Insurance and Contributions	3,691	4,386	6,055	38,05%
Taxes	2,714	2,395	2,497	4,26%
Other Costs and Expenses	-41,412	-1,766	-2,284	29,33%
Concession (IFRS 12)	32,782	9,010	9,836	9,17%
Total Costs and Expenses with Depreciation	324,767	275,444	269,864	-2,03%
Total Costs and Expenses without Depreciation	209,128	166,732	163,793	-1,76%
Operating Profits	1,231,647	1,068,536	961,049	-10,06%
EBITDA	1,349,999	1,179,644	1,069,618	-9,33%
EBIT	1,234,361	1,070,931	963,547	-10,03%
Cost per barrel without tax	1.02	0.8	0.82	2,50%
Exchange gain (loss)	-14,319	-19,337	34,110 ¹⁸	-

18. As a result of the release of the statutory reserve.

Integrity, responsibility, respect and commitment to life are much more than corporate values, that is why we conceive them as a duty to ourselves.

4.2 Corporate Governance and Ethics

GRI 103-1

Why is this topic important?



Having a solid corporate governance allows us to best manage the company, ensuring that we align our objectives with the needs of the market to adapt, meeting challenges and maintaining ourselves as an efficient and clear organization that responds to changes in the environment.

Along these lines, all our actions are based on ethics and transparency, which are the cornerstone for the development of our business. Likewise, we understand that failure to fulfill these principles may cause the company to be subject to legal sanctions and reputational impacts, so we prioritize this aspect internally and extensively to all the players involved in our operation.

The actions directed to protect the organization from the risks of money laundering, terrorist financing, financing of weapons of mass destruction, bribery, fraud and corruption, and the promotion of a broad social commitment in the fight against these crimes, are of particular relevance.

GRI 103-2

How do we manage it?



The best way to ensure that we maintain a responsible operation is through the constant monitoring of our ethical and transparent performance. We align our actions and behaviors to achieve the strategic objectives with the provisions of the [Code of Good Corporate Governance](#) and the [Code of Ethics and Conduct](#).

We promote a culture of ethics, and, in addition, our Anti-Fraud, Anti-Bribery and Anti-Corruption Policy allows us to prevent and manage the risks related to conflicts of interest and ethics, and the reporting of confidential information, among others.

GRI 103-3

How do we assess it?



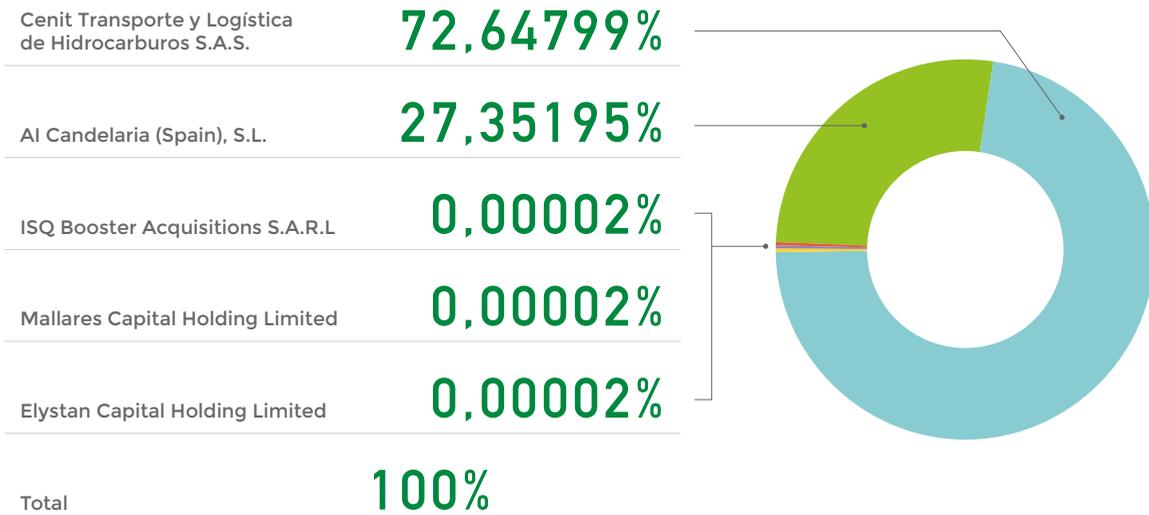
Through the Ethics and Compliance Plan we prevent and monitor transparency and anti-corruption. In addition, in the cycle of process risks and the vision of compliance, we assess the risks related to ethics and compliance issues. When observations about the company's management are made under this framework, we define clear and specific action plans to close the existing gaps. Simultaneously, the members of the Board of Directors carry out an annual self-assessment according to the mechanism defined by the Board itself.



GRI 102-10

Shareholding structure

In 2021, we made changes to the shareholding structure of Ocesa due to the transfer of shares from Banco de Bogotá (Panamá) - Fideicomiso Acciones Ocesa y Transporte Registrado Servicios S.A. to AI Candelaria (Spain), S.L., which increased its shareholding in Ocesa, and two new shareholders (Mallares Capital Holding Limited and Elystan Capital Holding Limited).



GRI 102-18
Governance structure

Ocensa has the following governance bodies:

- General Shareholders’ Assembly: the highest corporate body responsible for the management of the company
- Board of Directors: the body in charge of the administration of the company
- President: responsible for the administration and legal representation of the company
- Statutory auditor: responsible for the auditing of the company

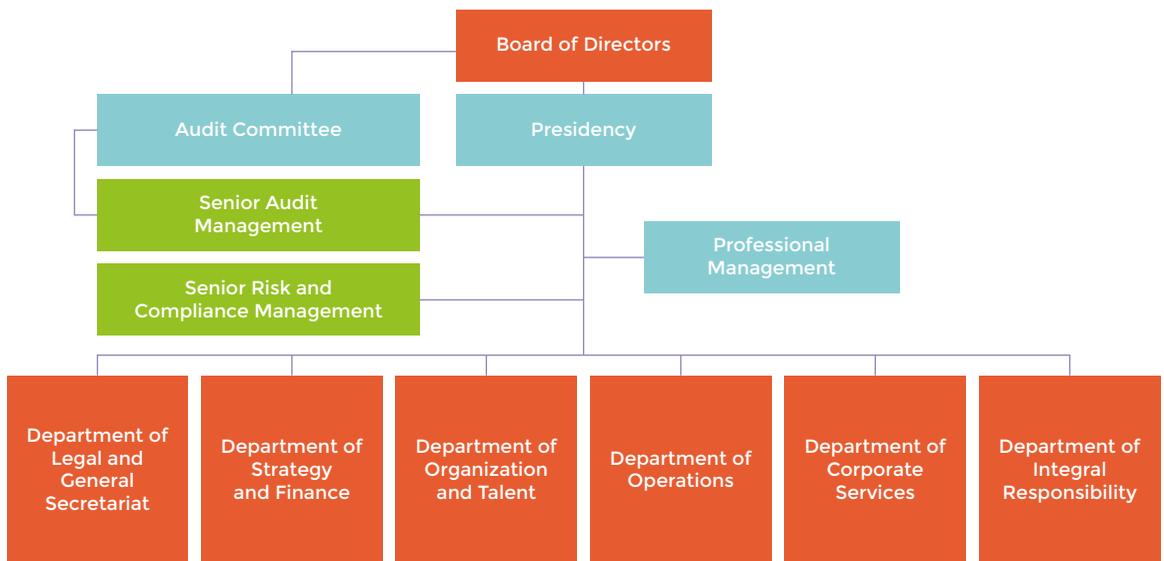
The Board of Directors of Ocensa has two (2) permanent committees, which are the Audit Committee and the Compensation Committee.

- The purpose of the Audit Committee is to support the Board of Directors in monitoring and overseeing accounting and financial processes, managing risks, the internal control system, auditing and compliance with laws, regulations and internal codes of conduct.
- The Compensation Committee’s main objective is to support the Board of Directors in the performance of its duties related to the remuneration and salary policy of the Company, the appointment of Senior Management and organizational climate matters.

GRI 102-26

The duties of the Board are provided in the [Bylaws](#) and the Code of Good Corporate Governance (CBGC), which include the duty to appoint (or remove, as appropriate) the executive officers who report directly to the president. As part of the Company’s structure, each department or senior management that reports to the Presidency, carried out different activities for the strategic management of the company, which include economic, environmental and social issues, as appropriate for the scope of each area.

Executive structure



We have zero tolerance for any unethical conduct and our actions are developed in accordance with the provisions of the regulations, according to the Universal Declaration of Human Rights, always preserving the principles and values of the company.

GRI 102-16

The ethical principles of the organization – integrity, responsibility, respect and commitment to life – align with Grupo Ecopetrol and guide the behavior of all our stakeholders.



Integrity

It is the behavior that makes us visible as upright, loyal, fair, objective, honest and transparent to the company and society.



Responsibility

It is the moral obligation to make the best effort to achieve business objectives and ensure the efficient management of resources.



Respect

It is the ability to accept and recognize differences with others.



Commitment to life

These are the actions of self-care inside and outside the workplace, applying the rules of hygiene, safety and environment that Ocesa points out to us, as a mechanism for the defense of life, health and the environment.

Ocesa ethical principles

GRI 102-17, GRI 11.20

Through [The Ethics and Compliance Line](#) we receive inquiries, ethical dilemmas and complaints about situations that could jeopardize compliance with the standards related to the prevention of corruption, fraud, bribery, money laundering, terrorism financing, financing of weapons of mass destruction and issues related to the possible violation of human rights.

During 2021, we received through the Ethics Line: 23 dilemmas, 92 inquiries and 29 cases¹⁹. Dilemmas increased by 76%, inquiries increased by 15% and complaints by 123% compared to 2020.

GRI 205-1

We have an Ethics and Compliance Plan with actions of prevention, detection, response and continuous improvement regarding unethical behavior that covers all our processes and activities, including actions related to prevention and monitoring that evaluates a wide set of dimensions or relevant aspects of internal management.

¹⁹. Inquiries associated with alerts in restrictive lists of suppliers, dilemmas of employees regarding relationships with suppliers or personnel to be contracted, ethical cases of conduct that are contrary to our code of ethics.

<p>Board members' statement of commitment to ethics and transparency</p>	<p>Restricted lists: control of suppliers, contractors and their workforce, employees, beneficiaries, board members, allies and clients</p>	<p>Non-binding lists: review of group companies and their partners in non-binding lists</p>	<p>Ocensa news monitoring</p>
<p>Identification of warning signs for controlled products: sale, purchase, use and inventory, storage, disposal, process losses</p>	<p>Follow-up of payments to the list of politically exposed persons (PEPs)</p>	<p>Follow-up of assignments at no cost</p>	<p>Third Party Intermediaries (TPIs)</p>
<p>Conflicts of interest and inabilities to contract: construction of a database of beneficiaries and conflicts of interest</p>	<p>Payments by jurisdiction and by beneficial owner</p>	<p>Cash payments and transactions</p>	<p>Follow-up of agreements</p>
<p>Credit card payments</p>	<p>Follow-up to the execution of MLTF money laundering forms</p>	<p>Knowledge of workers</p>	<p>Segmentation of risk factors for companies and individuals (SAGRILAF, bribery, fraud and corruption)</p>

Prevention and Monitoring Actions in Ethics and Compliance

GRI 205-2

100% of Ocesa’s government body members, employees and business partners have received information on the organization’s anti-corruption policies and procedures and have been trained in anti-corruption issues.

The communications and trainings that were made to the employees of our organization include:



SAGRILAFT Prevention Streaming	Visit to stations - SAGRILAFT	Comprehensive talk to suppliers on SAGRILAFT and ISO 37001
Streaming on ethics, transparency and compliance	Training at stations on ethics, transparency and compliance	Café de Mente Internal socialization of the Compliance Program

20

In addition, we conduct training related to strategic risk management with our steering committee and training on SAGRILAFT and compliance issues to the Board of Directors.



20. System of self-control, prevention and risk management against money laundering, terrorism financing and financing of the proliferation of weapons of mass destruction (SAGRILAFT).



Initiatives that drove our good governance and ethical conduct in 2021

¡Que no le pase a usted!

We develop internal training spaces to teach from experience understanding from a reflective approach, starting from the identification of cases and recurring themes of our Ethics Line. The topics covered during these sessions were:

- Repetitive cases in the Ethics Line
- What is a conflict of interest and examples
- Contract management
- Tips on the fulfillment of their functions
- How ignorance of processes and functions are a possible breach of our ethical principles
- Bribery is not just with money!
- What and how to report?
- Sexual harassment

Training and certification of our employees in ISO 37001

We invested approximately USD 5,786²¹ in training and certifying 13 of our employees in ISO 37001, in order to have personnel with anti-corruption knowledge in each of the cross-cutting areas.



21. The reference rate used for this translation was \$3,743.09 9.



Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
Implement the Anti-Bribery Management System under ISO 37001:2016.		We initiated a self-diagnosis to validate a baseline regarding this standard and identify where we need to improve our management.
Implement the Integrated Risk Management System aligned to ISO 31000.		We implemented self-assessment systems that allowed us to strengthen a culture of integrity, transparency and compliance, in order to fight corruption.



Where are we heading?

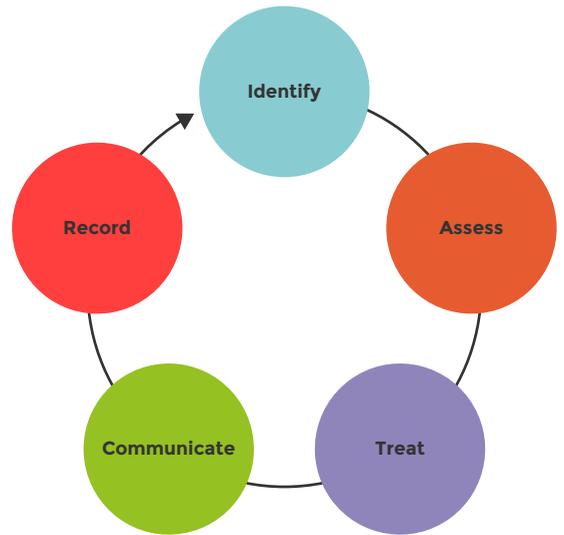
- In the medium term, we seek to certify the Anti-Bribery Management System under the ISO 37001:2016 standard..
- Develop the culture of ethics and business transparency in our employees and their families through talks and training in order to align ourselves with Grupo Ecopetrol.

4.3 Risks and Compliance

There are factors that are internal and external to the organization, which may affect the continuity of the operation and the fulfillment of the five strategic objectives that we have set, and which to that extent represent risks for the business and the value promise to the stakeholders. For this reason, risk and compliance management is one of the main pillars of our actions.

In Ocesa, we have a Risk Management Model that allows us to inform and improve the decision-making process on the level of acceptance and tolerance to the company's risks through five systematic phases or actions: identify, assess, treat, communicate and record.

Our Integrated Risk Management System (SRI) aims to systematically monitor the opportunities, deviations and materializations that may impact in the short, medium and long term, through reports of materialized risks, behavior, follow-up of indicators and the respective treatment actions established in each process.

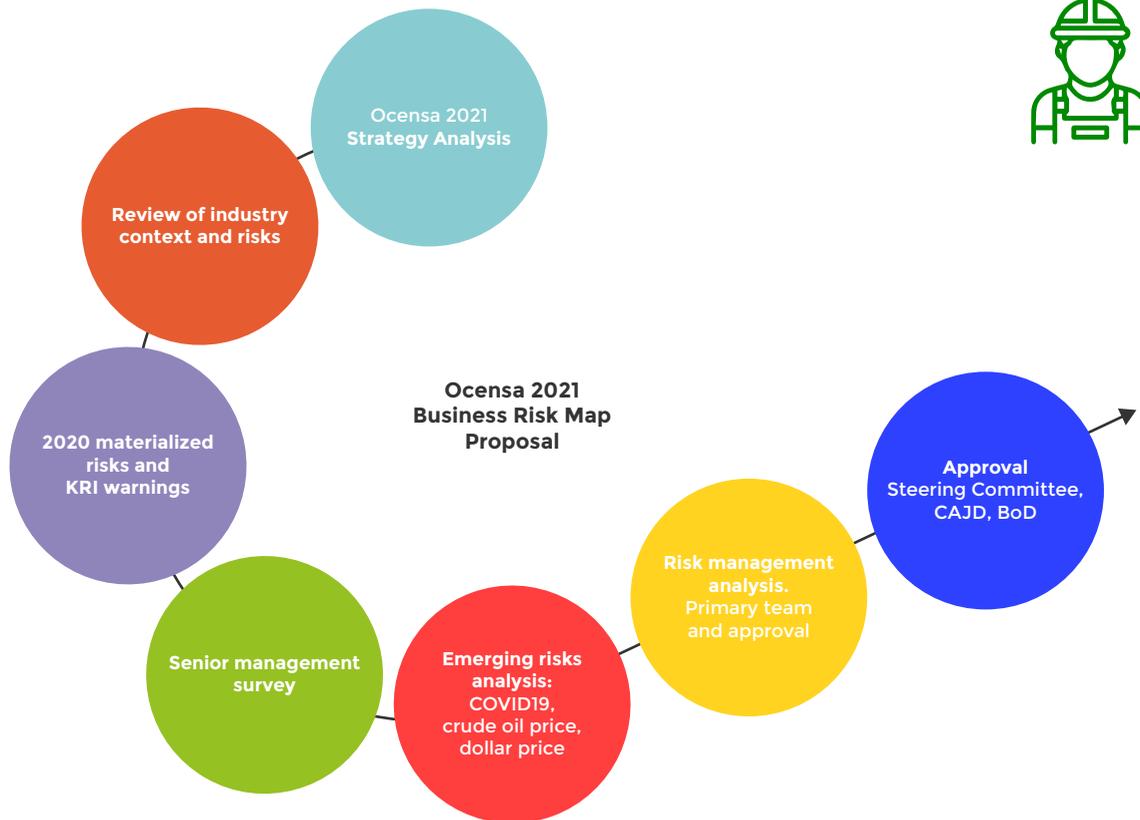


Risk Management Model



To prioritize risks and opportunities, we carry out a risk cycle at a strategic, tactical and operational level, aligned with Grupo Ecopetrol, where we carry out the assessment of events through the ARM matrix, which includes the impact categories and risk probabilities.

During 2021, we carried out the update of the Company's risk map through a rigorous process that started from the strategic analysis and ended with the approval by senior management and governing bodies.

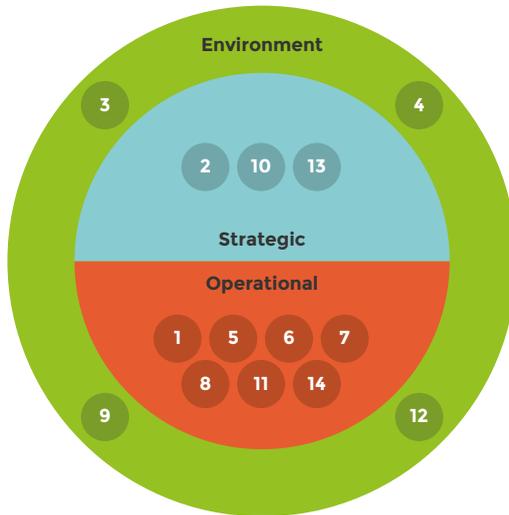


Process of updating the business risk map

As a result of this process, we obtained 14 business risks, of which 4 are related to the environment, 3 are strategic risks and 7 are operational risks. 5 of the 14 risks identified were not in our previous map, and among these we highlight the strategic risk #10: “*Unsuccessful energy transition strategy, impact on socio-environmental sustainability and value generation*”.

This formulation demonstrates our commitment to incorporate sustainability into all the company's governance and control mechanisms, based on the understanding of the current global context and our role in it.

Business Risk Map



★ New (2021)

- 1 Major accident due to loss of containment.
- 2 Impact on financial sustainability.
- 3 Changes in the legal, contractual, commercial and regulatory environment.
- 4 Incidents in the social environment.
- 5 Technological obsolescence that affects business continuity or operational security.
- 6 HSE events.
- 7 Cyber-attacks, leaks or loss of critical information.
- 8 Ethical and compliance breaches with economic and reputational impact.
- 9 Malicious acts of third parties.
- ★ 10 Unsuccessful energy transition strategy, affecting socio-environmental sustainability and value generation.
- ★ 11 Misalignment of culture with strategy.
- ★ 12 Spread of infectious diseases.
- ★ 13 Reduced volumes transported with revenue impact or unsuccessful volume capture strategy.
- ★ 14 Operational incidents with possible major or catastrophic impact.

As a result of the analysis of the internal and external environment, trends were also identified under which the OcenSA's management could be influenced (potentially or actually). This analysis yielded the definition or update of the company's emerging risks.



Emerging Business Risks



In order to carry out an effective and timely follow-up, the materialized risks at the process and business level are monitored monthly, the risk alerts (KRI) are reviewed, as well as the progress of the treatment actions. These events are reported to the Steering Committee to ensure early management and decision-making and thus prevent repetitions of negative events, new materializations or potentiate opportunities.



Strategies to strengthen the risk management culture

In order to leverage the risk management culture in Ocesa, during 2021:

- We created the Integrated Risk Management System.
- We identified 18 types and type classification leaders in Ocesa.
- We updated and published the Risk Management Policy and the ML/TF/FPWMD Risk Policy.
- We published the Manual of the Integrated Risk Management System and Risk Types.
- We created a digital tool to facilitate the reporting of materialized events, risk warnings, among others.
- We prepared the comprehensive risk management report.

**We respect and defend
the social rule of law,
fulfilling our obligations,
strengthening
territorial institutions
and consolidating the
regulatory framework as
the basis of a profitable
and sustainable
hydrocarbon industry and
infrastructure for all.**

4.4

Regulatory Changes in Transport Rates

GRI 103-1

Why is this topic important?



Our operation is regulated by the Ministry of Mines and Energy, an entity that sets the rate for the transport of crude oil by pipelines in the country. These rates are updated every 4 years, in order to ensure that the cost of the transport service is the result of a technical, economic and professional analysis. The rate set represents both the operating costs and the remuneration of the value of the invested assets, which allows us to ensure that we provide the best service to our clients. In this context, we are required to submit, in this same period, a proposal of rates for review and approval by our regulator, which interacts with multiple players to define a price of barrel transported.

Thus, regulatory changes in transport rates condition our crude oil transport service and may cause an operational, economic and viability impact on the company towards the future.

GRI 103-2

How do we manage it?



These regulatory changes are not managed by the company, as it is responsibility of the Ministry of Mines and Energy. The methodology and process for setting crude oil pipeline transport rates is established in Resolution 72146/2014 of the Ministry of Mines and Energy. The current rate, for the 2019-2023 period, was set by means of Resolution 31 164/2019, in line with the different instances provided for in the current rate methodology.

However, our commitment to the sector is to maintain a proactive and dynamic role, so we are permanently monitoring and meeting with regulatory bodies to anticipate possible regulatory changes. Every four years, we propose a rate brief in which we seek the approval by the Ministry to carry out our management.

GRI 103-3

How do we assess it?



We monitor our management through the measurement of possible regulatory breaches due to delay in the implementation of this resolution that translate into fines and penalties.

Changes in the legal, contractual, commercial and regulatory environment may impact the operation as a result of:

- Modifications in the methodology of the rate regime.
- Lack or deficiencies in the monitoring of the regulatory environment associated with each process.
- Ignorance of all the regulatory entities of the national, regional or local order that could affect the processes of the company.

- Lack or deficiencies in the management before the competent entities to prevent, adjust or promote possible changes in the regulatory environment.
- Absence of unified guidelines (processes and procedures, among others) on regulatory management.
- Non-renewal or early cancellation of concessions.
- Deficiency in the assessment of the possible impact on Ocesa due to possible changes in the regulatory environment and commercial contractual environment.
- Weaknesses in relationships with clients and processing of requests.
- Decisions of external entities and institutions without considering the impacts on the operation and finances of Ocesa.

By 2030 we seek to consolidate a solid regulatory strategy through proactive management and a constant relationship with the entities that regulate our operation. In 2021, we identified 5 work fronts:

1. Defense of the current regulatory framework
2. Rate brief
3. Consolidation of the relationship strategy
4. Active promotion of knowledge and integral positioning
5. Enabling the future

Fronts 1 and 2 will be the key results of 2022, where we will place our management.

Indicators	2021
Fines or penalties for non-compliance with regulation	We have had no fines or penalties for non-compliance or delays.

The country is counting on us today, but we also have a responsibility to imagine and contribute to the construction of tomorrow's industry. And that is precisely what it means to be part of a leading business group of the energy transition in Latin America.

4.5

Business Diversification



GRI 103-1
Why is this topic important?



We are aware of the **challenging scenarios facing the oil sector both globally and domestically** and what this represents in terms of reductions in volumes of crude oil transported, higher costs, reputational risks and more aggressive regulations. In addition, we see increasingly strong trends such as the decarbonization of operations, which require our active and timely role in diversifying the business, adapting the services we provide and contributing to our country's energy transition.

We also know that the lack of diversification generates evident limitations for the growth and sustainability of the company, so at Ocesa we are committed to strengthening our operational and strategic management to achieve our mission: to be one of the leading midstream companies in Latin America.

GRI 103-2
How do we manage it?



We built a **2030 Strategic Map that allows us to analyze and identify potential business alternatives** that lead us to remain profitable and that are aligned with environmental needs and commitments at national and global levels, contributing to the Sustainable Development Goals and the decarbonization of the economy.

GRI 103-3
How do we assess it?



To measure management, we use **indicators related to the development of initiatives** or projects whose purpose or scope is different from Ocesa's main activity (decarbonization projects).

Our company has almost 30 years of experience in environmental management, accumulating knowledge that can contribute positively not only to the diversification of the business, but also to the development of regional and national strategies.

During 2021, Ocesa advanced in its path towards diversification, with the approval of the 2030 Strategic Map, which develops and proposes a short-, medium- and long-term roadmap that contemplates new lines of business, based on the financial sustainability of the company, in order to continue fulfilling its responsibilities to its stakeholders.

Within the study framework of this strategy, fronts such as natural gas transportation, the company's incursion into new hydrocarbon transportation

businesses, mergers and acquisitions, and internationalization plans have been identified.

This renewed reading of the context and the work plan implied by the new strategy have allowed us to build an internal and external visualization of the company's transformation and potential towards a new energy and climate reality, which implies a union of efforts by all our collaborators, recognizing that the company's purpose is to respond to the needs of the country and the region in terms of energy transportation. We achieve this objective by leading the interdisciplinary structuring of initiatives or projects whose purpose or scope is different from Ocesa's main activity.

Indicator	Compliance
Submit 1 project in Phase 1 within the Project Maturity Model	100%
Submit 2 or more Merger or Acquisitions alternatives	100%

Likewise, we will continue to strengthen and provide feedback for dialogue with strategic partners that will allow us to continue identifying alternatives to diversify the business, guarantee the company’s financial sustainability and have a positive impact on the environment and society.



Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
Identify and evaluate new midstream business alternatives in the Oil & Gas sector that enable financial sustainability in the medium and long term.		We were able to identify and evaluate more than two new business alternatives.
Carry out the 2030 Strategic Planning, which seeks to align the business with new industry trends, the ESG approach and achieve better financial results.		The company's Strategic Map 2030 was defined.



Where are we heading?

In the medium term:

- We will achieve a level of operating income (EBITDA) of around 1,000 MUS\$D, with 15% coming from diversified sources by 2030.
- We will contribute to the evacuation and transportation of on-shore and/or off-shore natural gas developments in the country through infrastructure projects.



Due to the location and attributes of our geography, Colombia is especially vulnerable to abrupt changes caused by climate variability. To face this challenge, we have built a specialized knowledge, aware that adaptation and mitigation of climate-related risks are fundamental to the company's sustainability.

4.6 Climate Change Response



GRI 103-1

Why is this topic important?

[For more information on our Climate Change Response, refer to 2020 Sustainability Report](#)



In Ocesa we have identified threats related to climate change, specifically due to the increase in rainfall and, consequently, in the degree of saturation of the soil through which the pipeline passes. These climatic phenomena may affect the pipeline with potential impacts on the environment and operational continuity.

According to historical and statistical records and IDEAM trends, there has been an increase of about 22% in annual rainfall in recent decades in the area of the Eastern Cordillera, a section most susceptible to mass removal on the pipeline. This condition, framed by Ocesa in the "Climate and external forces" threat, is associated to the increase of rainfall that could cause mass removal events, scour and/or erosion, with potential to affect the pipeline's right of way.

GRI 103-2

How do we manage it?



We manage susceptibility and level of operational risk through the **Process Safety model**, the Integrity Plan and asset maintenance programs. This preventive management has allowed us to generate specialized knowledge unique in the region and implement concrete, timely and effective actions to preventively mitigate the materialization of these threats within a plan based on the condition of the pipeline's right of way.

GRI 103-3

How do we assess it?



In view of the climate variability described above, we have continued the agreement with **Universidad Nacional de Colombia to strengthen the early warning models on possible landslides in the right of way triggered by rainfall**. With these models, we evaluate the variable rainfall conditions in the pipeline operation sectors according to the susceptibility conditions of the land. In addition, we maintain a permanent monitoring and inspection of the condition of the right of way to anticipate and mitigate any modification that could compromise the safety of the pipeline.

GRI 201-2

According to the different environmental analyses carried out in the organization, climate change and global decarbonization commitments, such as the Nationally Determined Contributions (NDC) or the Paris Agreement, have triggered the regional and local intention to accelerate the energy transition,

seeking to increase the generation of energy from renewable sources to reduce CO₂ emissions and air pollution, thus mitigating the environmental degradation associated with the intensive use of fossil resources.

Moreover, today we understand more than ever how climate variability, which we have witnessed firsthand in recent years, can cause substantial changes in our infrastructure²². Given the nature of our operation, and considering the pipeline's location along Colombia's many strategic ecosystems, we are obliged to understand the geological challenges derived from this geographic location. We have witnessed climate change and how the destruction of the ozone layer may affect our operations, and we understand that today more than ever these risks and opportunities have the potential to generate substantial changes in operations.

In line with our commitment to sustainable pipeline management, over the last year we have analyzed different international frameworks and standards that allow us to begin to improve our understanding of the risks and opportunities derived from climate change. An example of this is our approach to the recommendations of the Task Force on Climate-Related Financial Disclosures (TCFD), which consider both physical and transition risks.

In terms of **transition risks**, we have identified risks related to policies and taxes that punish activities related to the production and transportation of fossil fuels; market risks, due to the reduction in volumes of crude oil transported over a long-term time horizon; and reputational risks, due to changes in market preferences. In terms of opportunities, we identified in the analysis of the National Energy Plan 2020-2050 a strong increase in energy demand towards natural gas and electricity, with these sources having the highest growth projection in the coming years.

Therefore, we have included a business risk associated with an "Unsuccessful energy transition strategy, affecting socio-environmental sustainability and value generation", which responds, among others, to possible regulatory changes at the national level and greater demands from sector organizations or investors related to the goal of reducing emissions. In addition, we know that this risk can be exacerbated by either of these two causes:

- Lack of financial resources required to achieve decarbonization, energy efficiency and integrated water resource management.
- Untimely response to develop capabilities in our employees to implement sustainable initiatives and projects

The above poses enormous challenges in our business, due to an increasingly pressing need to contribute to the decarbonization of the economy and leverage the country's energy transformation, while minimizing the materialization of these risks, which can translate into loss of customers and investors, loss of trust and reputation, and financial fines and penalties. For this reason, from the annual risk management exercises and strategic plans, we will begin to integrate in greater detail and depth climate scenarios that will allow us to continue strengthening the management of the identified transition risks.

²². Including direct potential impacts on the asset translated into monetary losses or the suspension of Ocesa's operation.

On the other hand, in Ocesa we recognize the latent threat of climate change in our operations, so, under the perspective of **physical risks**²³, we have identified two main risks that may materialize the main business risk, the loss of containment in the pipeline.



Increased rainfall levels

in the areas of operation

The financial implications derived from the materialization of this climate risk could directly impact the provision of service, which translates into monetary losses due to interruption and operational costs related to unplanned infrastructure maintenance expenses.



Increase in the saturation level of the ground

through which the pipeline passes

We know that our proactive role is decisive to avoid affecting the environment derived from these risks and for this reason in Ocesa we combine a preventive approach with a condition-based approach to reduce the climate risk to our infrastructure and our business, which includes the following activities:

Topographic ground displacement monitoring	Inclinometer monitoring	Pipeline deformation monitoring by vibrating wire and fiber optic gages
Weather monitoring	Preventive maintenance of civil works for containment and slope stabilization	Onshore pipeline right-of-way route
Aerial inspection of pipeline right-of-way	Inspection of pipeline deformations by intelligent tool (ILI)	

In addition to the focus on responding to climate variability, at Ocesa we are analyzing and developing new sources of energy for station turbines, such as gas and projects based on the generation of electricity recovered from the power of crude oil transportation, actions that seek to mitigate and offset our carbon footprint, within the framework of the company's Decarbonization Plan. For more information on this, see the [Climate Action](#) and [Energy Management and Transformation](#) chapters of this report.

²³ In Ocesa we understand these risks as technological, since they have a probability that a hazardous material or process may cause damage or potential losses in health, economy, environment and the comprehensive development of a system.

We have invested USD 831,737 in activities that allow us to prepare, anticipate and respond in the best way to the physical risks we face, ensuring the safety of our operations.



Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
We seek to strengthen early warning models for landslides that may occur on the pipeline right-of-way, associated with the transitional climate change in the tropical region.		In agreement with Universidad Nacional de Colombia, we are developing this project, which is scheduled to be executed over a period of two years.
We will install fiber optics in the critical points of the offshore pipeline, in order to measure the deformations associated with thermal changes, pressure variations and dynamic response to the incidence of hydrodynamic forces, to adapt to the structural behavior of the submarine pipeline according to the solicitations of the meteorological variables.		As part of the Conport project, we installed the fiber optics to carry out the indicated measurements and monitoring.



Where are we heading?

In the medium term, we will continue to develop tools that allow us to adequately manage the effects of climate change in Colombia, particularly the early warning model for landslides triggered by rainfall, to strengthen risk management and the integrity of the pipeline.





**We conceive
technology as a
tool that unlocks
the company's
productivity
potential.**

4.7 Innovation and Technology



GRI 103-1

Why is this topic important?



The global context increasingly demands a digitized and innovative work environment, as it identifies opportunities for improvement and transformation in internal and external processes, as well as generating value throughout the entire operating chain, making us an agile, consistent and efficient organization.

As we move forward in reaching digital maturity, it is also important to address the main risks and challenges that digitalization faces. For this reason, at Ocesa we have worked on the development of digital capabilities in order to prepare and anticipate the different digital threats, manage cyber risks and contribute to maintaining the Company's credibility, reputation and image, while leveraging a secure and reliable operation and capturing new opportunities.

GRI 103-2

How do we manage it?



Through digital transformation and innovation, we build prototypes and minimum viable products (MVP) to implement and support the necessary technological solutions for the organization's processes, which leverage and promote agility, consistency and efficiency. In turn, we have robust, reliable and secure platforms and solutions.

[For more information on our innovation and technology management, refer to Sustainability Report 2020](#)

On the other hand, in line with a model identified by Ocesa to increase operational efficiency, we consolidated the **Digital Management**, which manages innovation, technological services and solutions, operation and cybersecurity in an articulated manner.

GRI 103-3

How do we assess it?



We have indicators of digital technology platform availability, digital maturity level, cybersecurity maturity level and cybersecurity incidents that allow us to evaluate the management of the issue within the organization and identify opportunities for improvement in these areas

Innovation and technology are drivers of transformation in Ocesa. Through digital strengthening we have leveraged the efficiency and growth of the organization, optimizing and improving internal processes and ensuring the availability and reliability of critical digital systems for the continuity and improvement of the operation.

During 2021 we increased the percentage of availability of the digital technology platform by 0.23%. This figure reflects the operational availability of the technology and innovation infrastructure platforms (which include databases and applications) and operating technologies (composed of process control systems). Thanks to the support and maintenance of the

systems, we were able to maintain and even increase the availability of services during 2021 compared to the previous year.



Availability percentage of digital technological platform

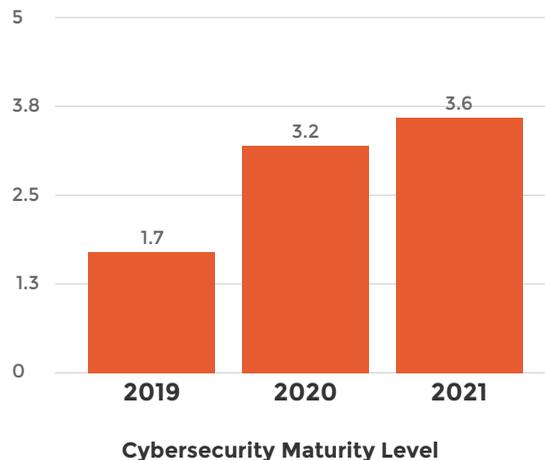


Likewise, the level of cybersecurity maturity grew by 12.5%, which means that new applications and services are now supported in an effective, reliable and robust manner. Ocesa's technological platform supports core processes, industrial auxiliary processes and administrative processes, so its integrity is critical for the business. The systems upgrade and virtualization strategy contributes to this sustainable performance.

We are aware that today there are more and more emerging threats and risks in the digital environment worldwide, and that these are increasing as our processes incorporate technology in an increasingly intensive manner. For this reason, and in line with our commitment to guarantee and manage information security throughout our operation, we developed a cybersecurity plan focused on strengthening Ocesa's capabilities, which allows us to mitigate and manage the risks associated with cyber-attacks, leaks or loss of critical information. This plan focused on the following initiatives:

- **Governance:** Creation of Digital Management, an area that covers Innovation, Information Technology (IT), Operation Technology (OT), Digital Transformation (DT) and Information Management (IM) under the same umbrella, allowing the issues associated with the assurance fronts to be worked on in an integrated and centralized manner.
- **Culture:** Courses and lectures focused on promoting information security.
- **Monitoring and management of events, threats and vulnerabilities:** Implementation and strengthening of a permanent monitoring scheme for critical services exposed through SOC (Security Operation Center).

- **Cyber-incident drills:** Strengthening our management and preparation for technological risks.
- **Practical appropriations of cybersecurity for information technologies and operation technologies.**
- **Identity and access management,** in order to strengthen security through VPN authentication.

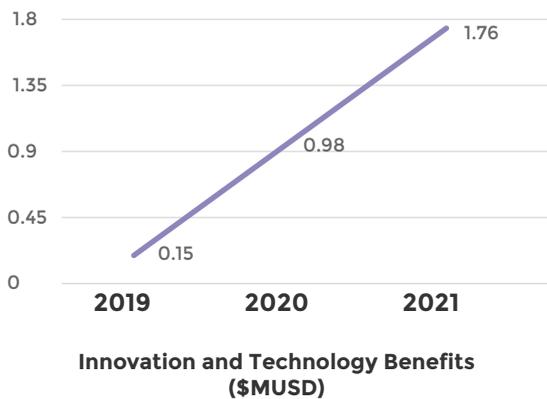


In Ocesa we evaluated the level of maturity in cybersecurity taking into account the Cybersecurity Capabilities Model (C2M2), which includes 10 dimensions and evaluates the implementation and management of cybersecurity practices. As a result of our management, during 2021 we obtained a score of 3.6 out of 5, showing our commitment to strengthen cybersecurity practices within the organization.

During 2021 we did not present any cybersecurity incident, maintaining the confidentiality, integrity and availability of our information and services.

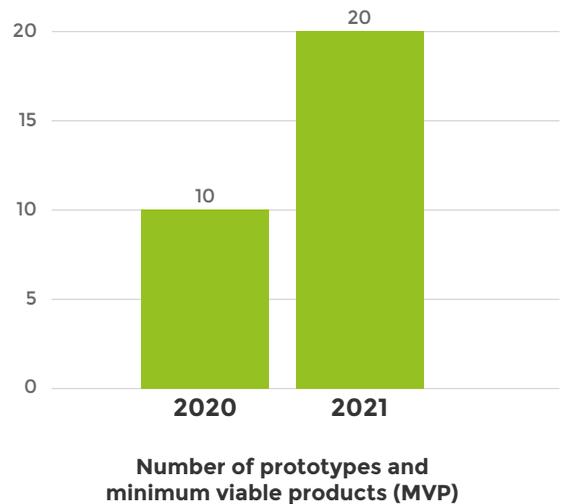
Benefits in terms of savings, avoided risks, costs not incurred and time optimized

The various technology projects developed during 2021 allowed us to capture benefits of USD 1.76 million. These initiatives included savings in energy costs thanks to the new operating scheme of recirculation of pumping units, avoided costs by taking timely actions associated with pipeline integrity, and the monetization of efficiencies achieved with the development of a technological solution, among others.



Prototypes and minimum viable products (MVP) identified

In 2021 we identified, based on the different opportunities and needs of the processes, strategies, trends and interventions, 20 prototypes and minimum viable products (MVP) with potential efficiencies in the different processes of up to **USD 795 thousand** that will materialize by 2022. This made it possible to visualize in early stages the results of initiatives, business cases and impact on processes, reducing the risk of implementation and adding value to the solutions in real environments.



Initiatives that drove innovation and technology in 2021



Control Room Management (CECCO)

In order to optimize delivery times and operational shift management and in line with Ocesa's commitment to reduce paper waste and contribute to the environment, during 2021 we implemented the operational digital logbook for the Bogota Control Room in accordance with API1168 guidelines, thus consolidating information in a digital database. To achieve this, we invested **USD 6 thousand**.

Updating and virtualization of our control platforms

We invested **USD 458 thousand** to mitigate risks due to technological obsolescence in the organization by updating and virtualizing our control platforms in three stations: Miraflores, Coveñas and Vasconia, in order to improve preventive maintenance costs and the efficiency of support for these platforms; we also increased the availability and reliability of the digital technology platform.

Nanotechnology for efficient crude oil transportation

Committed to improving efficiencies and lowering energy costs in the transportation of crude oil, we invested **USD 208.3 thousand** to develop a nanocomposite test project at the Cusiana station to reduce the viscosity of crude oil by up to 10%.

Note: it is necessary to conduct the tests on a large scale and improve the mixing process to maximize the impact of the nanocomposites created.

Digital Strategic Networking (RED)

We developed a digital work platform in order to generate a system of collaboration, leadership, savings and flexibility to generate a more transparent and articulated communication between Ocesa employees, investors, communities and contractors.

This platform, in which we invested **USD 168 thousand**, has three main axes that benefit all employees of the organization:

- Collaboration: fosters teamwork and increases productivity.
- Social: creates a sense of community and belonging and increases leadership among employees.
- Communication: increases the speed of information delivery times, enables reciprocal dialogue, and optimizes and centralizes data.

Digital design of the pipeline in 2030

We designed future scenarios for the pipeline, defining the desirable scenario through trends, signals and benchmarks, with six lines of work to 2030.

We make the impossible possible

We supported the organizational culture by impacting the company's digital skills and competencies (digital mindset, flexibility, experimentation, connections, transformational leadership, teamwork and agility), with the implementation of 18 problem-solving and ideation workshops, optimizing processes, defining strategic initiatives and contributing to the capture of savings, among others.



Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
Develop a second phase of blockchain prototyping, which will allow us to advance in one of the most promising technologies in Industry 4.0, capturing value in high recurrence transactions in the organization.		We developed a business case to identify and validate the benefit that scaling blockchain prototyping could bring to specific company processes. However, the outcome of the business case was not as expected. This allows us to focus now on the exploration and development of other technologies.
Perform digital-twin scaling, which will consolidate a platform for predictive analysis of operational and maintenance effects of assets.		We built 5 analytical models corresponding to 5 pumping units in order to capture and analyze information from the equipment, with the objective of detecting in advance the possible occurrence of failures in the future. When the occurrence of a failure can be avoided, the impact on OcenSA's operation is reduced and savings or lower maintenance costs are incurred.
Implement nanotechnology and blockchain initiatives, and carry out the design of Pipeline 2030, where we will visualize through future scenarios how we should be operating and maintaining the pipeline in the long term.		<ul style="list-style-type: none"> • We developed 20 Prototypes and/or PMV that include the initiatives described above. • Nanotechnology is 100% complied with reaching laboratory tests, and environment close to the real one, as well as the cost of producing the nanocomposites. • The design of the 2030 pipeline allowed us to visualize competitive fronts for the coming years.



Where are we heading?

In the short term, we will increase our digital maturity level to 3.8, positioning ourselves as a competitive benchmark in the industry.



Respecting and promoting human rights and decent working conditions is a fundamental premise of all our actions and behaviors, in our work relationships and in the territory. That is why we have made the causes of diversity, equity and inclusion our own. Achieving equal opportunities for all people is a permanent effort, and we will continue to participate in it.

4.8 Respect for Human Rights



GRI 103-1
Why is this topic important?



Respect for human rights (HHRR) by companies is a fundamental part of the sustainable management of the private sector.

Thus, at Ocesa we understand that promoting respect for human rights is one of our primary responsibilities, and that this duty encompasses all dimensions and levels of the Company. In this way, we guarantee our commitment to corporate principles, with special emphasis on respect and commitment to life and seek to respect human rights always seeking to make assertive decisions, which result in an adequate relationship with all stakeholders.

GRI 103-2
How do we manage it?
[For more information on our management of Human Rights, see Sustainability Report 2020](#)



Our management focuses on respecting, promoting and identifying, preventing and remedying the impacts, real or potential, direct and indirect, that the company may have on human rights.

For this, we have a **Human Rights Policy**, that codifies our commitment to the respect and promotion of human rights and the exhaustive rejection of any form of violence, violation or abuse.

Additionally, through the **Comprehensive Responsibility, Diversity and Inclusion Policy**, we promote the care of life and health, the care of the environment, the care of communities and the care of our assets as principles of the operation closely linked to the respect and promotion of human rights.

We accompany this effort with activities to disseminate commitments and duties, as well as training and awareness on these issues

GRI 103-3
How do we assess it?



In order to materialize our commitment to human rights, and aligned with the Guiding Principles on Business and Human Rights, based on the bidirectional risk analysis carried out in 2018, we built a ARM matrix and a SWOT analysis, which seeks to define a 2022 action plan, as well as identify and adequately manage the possible risks and impacts on human rights.

As a follow-up and monitoring mechanism, we have the Ethics Line and the channel of petitions, complaints, claims and requests (PQRS), accessible to all our stakeholders, through which we can know any situation that may be related to possible violations and implement reparation measures, if necessary

We are aware of the context in which we operate and are committed to managing relationships of trust with our stakeholders, promoting respect for human rights and due diligence in our operation.

To ensure respect for human rights, we have a due diligence process to evaluate contractors, their employees and suppliers, establishing human rights clauses in contracts and monitoring the application of the **Standard Annex of Social Responsibility and Human Rights** – an integral part of the contracts that the company subscribes – to prioritized contractors. Through this, we verify the activities of training in Human Rights, risk analysis and attention to requests, complaints, claims and suggestions.

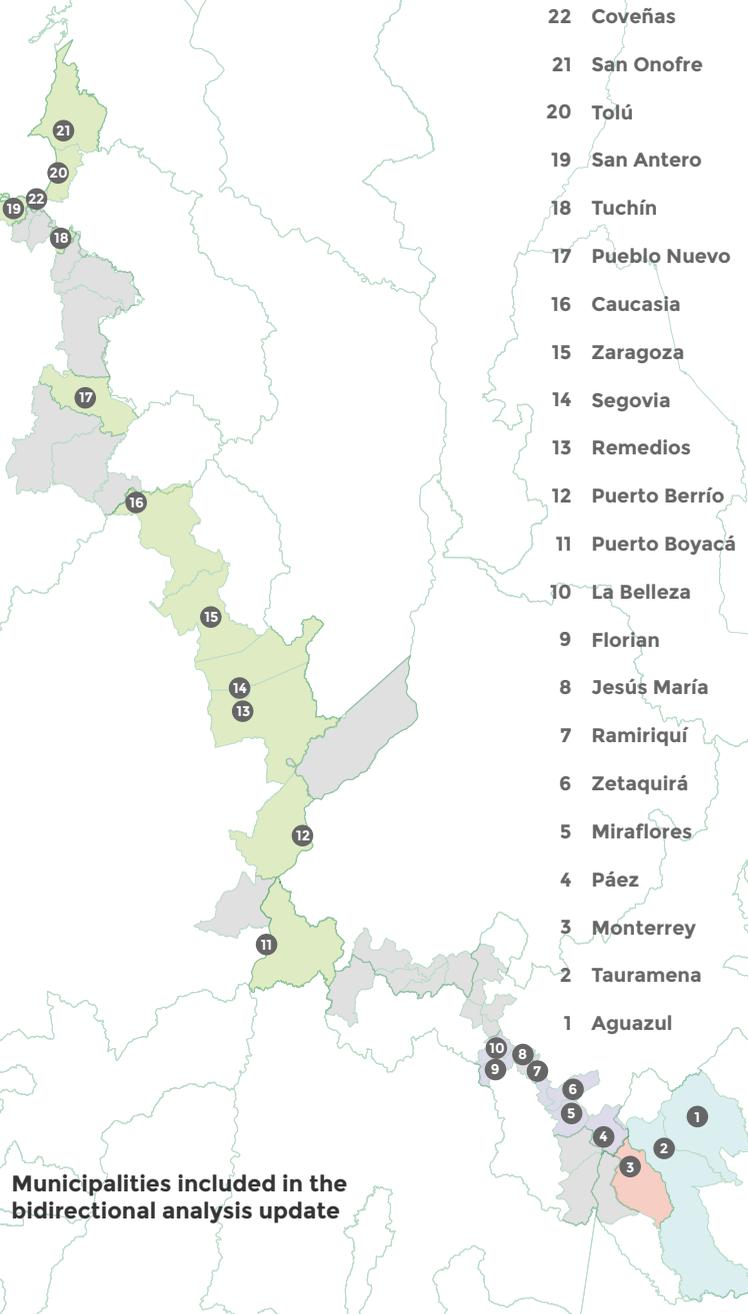
The development of a security and protection strategy with a socio-environmental approach has allowed us to manage security in a more comprehensive way, articulated with different regional and national actors, and from a preventive and predictive perspective, in order to contribute to improving coexistence in the territories.

GRI 412-2

In addition, to ensure compliance and promotion of human rights, during 2021 we disclosed to 100% of employees the Human Rights Policy.

GRI 412-1

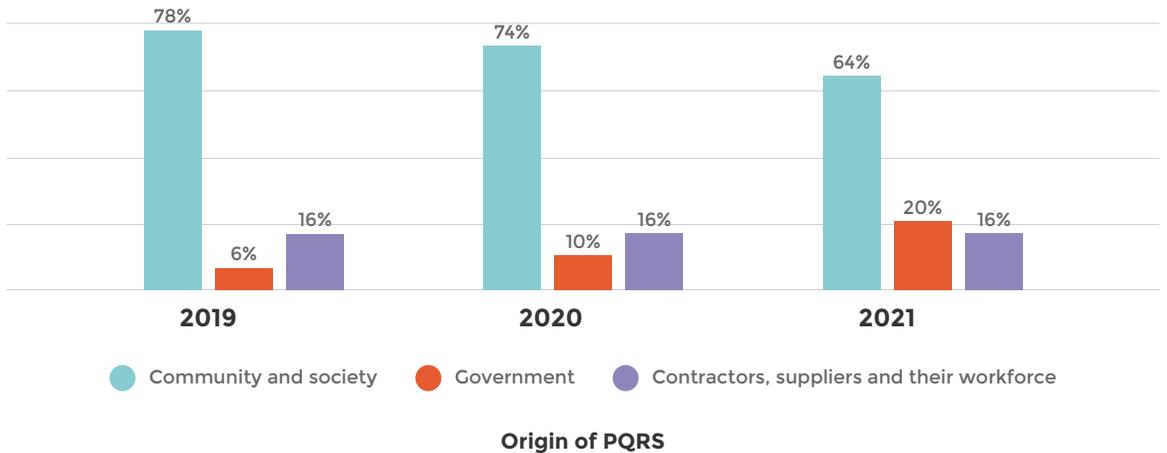
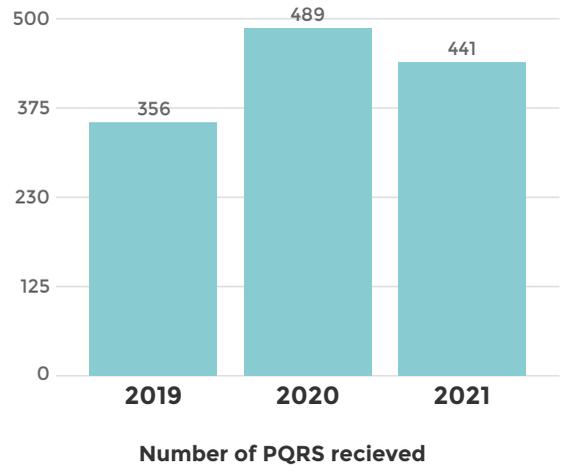
During 2021, we updated the bidirectional risk analyses in 22 municipalities in the area of influence, corresponding to 45.8% of the total coverage in the 48 municipalities. This allowed us to establish an AMR matrix of human rights risks, in which we identified risks associated with armed conflict, social conflict and the environment, and to develop a self-diagnosis in Human Rights on the fronts of human rights policy, due diligence and redress mechanism, for the definition of strengths, opportunities, weaknesses and threats (SWOT).





GRI 102-17
Management of Requests, Complaints, Claims and Suggestions - PQRS

As a follow-up and monitoring mechanism on the respect and protection of human rights, we have the Ethics Line and the channel of petitions, complaints, claims and requests (PQRS), accessible and disseminated to all our stakeholders. In 2021, we received 10% less PQRS compared to 2020, from 64% of the community:



All PQRS received were completely resolved, and the main issues were:

Main Types of PQRS	2020	2021	Var (%) 2021-2020
Procurement of local goods and services	8	4	-50%
Hiring local labor	21	36	71%
Environmental aspects	15	5	-67%
Alleged breach of contractor obligations	76	88	16%
Alleged damage to private property	34	46	35%
Alleged damage to property for public use	4	7	75%
Easement	6	8	33%
Total	164²⁴	194	18%

From the management of PQRS, analyses are carried out to be able to adopt improvement actions, in which it is sought to guarantee compliance with the obligations of the contract. In relation to the PQRS associated with owners, we carry out visits and implement measures to remedy the situations presented in each property.

In addition, we disseminate to the communities of the area of influence the management of PQRS, through the municipal *personerías*, as the highest authority guaranteeing the right of petition in the municipality.

GRI 410-1

We know that the security personnel of our operations maintain a direct and close relationship with the community, so we guarantee monthly training to 100% of the surveillance personnel in the application of the Voluntary Principles in Security and Human Rights.

24. For 2020, the PQRS associated with covid-19 are excluded from the total. For more information on these, see our 2020 Sustainability Report.



Initiatives that boosted respect for human rights in 2021

ARM Matrix

In order to define human rights risks, we developed a matrix to establish an action plan based on the risks identified in Human Rights. The matrix includes 15 types of risks with potential effects on employees, contractors, suppliers, communities and the environment.

Socialization of the Human Rights Policy

Taking into account the update of the Human Rights Policy, during 2021 we carried out an exercise of socialization and dissemination to all our stakeholders.

Strengthening security with a socio-environmental approach, in partnership with EAFIT

Thanks to the exercise carried out in 2020 where we accompanied the governorships of Antioquia and Córdoba and the municipal authorities in the elaboration of the Comprehensive Plans for Security and Citizen Coexistence in five municipalities in the area of influence, during 2021 we implemented an agreement with the EAFIT University in order to carry out training focused on the prevention of recruitment, use and utilization of vulnerable populations (children, young people and adolescents) by illegal armed groups.

With a destination of **USD 174.9²⁵ thousand dollars** for training activities, we managed to impact 207 children, adolescents and their family environments.

Agreement with IOM for vulnerable populations

We signed an agreement with the International Organization for Migration (IOM), focused on vulnerable population (NNJA - young children and adolescents) to prevent their recruitment and use by illegal armed groups in the municipalities of Tauramena and Monterrey in the department of Casanare. We allocated **USD 34.5²⁶ thousand dollars** for the development of training activities under this agreement.

25. The reference rate used for this conversion was \$3,743.09

26. *Idem.*





Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
<p>Training employees in self-protection, taking into account the context of the places where we operate and the importance of self-care.</p>		<p>We conduct security inductions to all new employees and talks with an emphasis on extortion and kidnapping prevention.</p>
<p>Analysis of the social, environmental and security environment with a focus on human rights of the places where the company operates, in 47 municipalities in the area of influence of the pipeline layout, in order to update our information on the territories and to be able to elaborate an action plan that integrates the prioritized activities.</p>		<p>The information of the bidirectional risk analysis in Human Rights was updated in 22 of the municipalities, through the review and definition of the ARM matrix in Human Rights and the SWOT analysis, and in order to develop an action plan that integrates the prioritized activities.</p> <p>In addition, a safety study was carried out at the stations on the right of way, where the risks inherent in the physical security of the operation were identified, analyzed and evaluated.</p>
<p>Accompaniment to contract administrators to comply with the Standard Annex of Social Responsibility and Human Rights. For this, a work plan will be designed in which the goals to be achieved will be defined and a quarterly follow-up will be carried out to ensure their compliance.</p>		<p>The pilot plan to accompany contract administrators prioritized according to the level of risk in social and human rights issues was complied with.</p> <p>The Annex Standard on Social Responsibility and Human Rights was updated, through the review and adjustment of the obligations contained in the current standard to generate greater solidity and coherence, considering the obligations derived from the EMP and the company's new bets on human rights and social responsibility.</p> <p>Improvements associated with the relevance of the obligations contained, the timeliness, functionality and objectivity in the monitoring of contractors, reduction of the risk of social conflict due to preventive management of PQRS, among others, were identified.</p>



Where are we heading?

In the short term:

- We will carry out the promotion of due diligence in Human Rights with our workers, through workshops that seek to increase the level of knowledge in Human Rights.
- We will carry out a bidirectional analysis of human rights risks on the social, environmental and security fronts, in the 48 municipalities of the area of influence in order to update our information on the territories and identify, prevent and remedy the impacts, real or potential, direct and indirect, that they may have on human rights. Based on this analysis, we will define an action plan that integrates the prioritized activities in the field of Human Rights.
- We will execute the improvement plan to the PQRS channel, as it is the extrajudicial reparation mechanism we have.
- We will develop a pilot project with the communities for the promotion of alternative mechanisms for conflict resolution and peaceful coexistence.
- We will strengthen the permanent monitoring of the environment based on the consolidation of operational, social, environmental and safety variables supported by technology and with a focus on the social-environmental.





Chapter 5

Social Aspects





Social Aspects

Human Talent

108

Health and Safety at Work

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Community Relations and Social Investment

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Caring for people has been and always will be our priority. At Ocesa we promote well-being within the organization and at the same time we support all those with whom we interact. We seek to promote the development and capabilities of future generations. We know that when our people and community grow, we all grow.

We recognize that, without our employees, the 2030 strategy would not be accomplished, we would not be able to be accountable to the country or the customers, nor the contractors and suppliers.



How do we encourage our people and community in Ocesa?



Human Talent



Health and Safety at Work



Community Relations and Social Investment

By creating a safe and stimulating work environment so that the talent of our people can flourish, we have no doubt about the ability of the organization to adapt to a context of accelerated change, which permanently challenges the tactical and strategic premises with which we operate. The source of confidence and optimism in the future is not outside, but inside: in our internal team and in the ones that belong to other companies in the Grupo Ecopetrol committed to the progress of the country.

5.1 Human Talent



GRI 103-1 Why is this topic important?



Our employees are the engine that represents, drives, and makes our business a reality. It is through their commitment, effort, and dedication that we consolidate ourselves as a sustainable organization, which achieves its goals and objectives.

From the recruitment and selection process, we ensure that we attract the best talent to occupy each position; and their training, with which we develop or strengthen the competencies identified as necessary to ensure the operational continuity of the business, mitigating the risk in the execution of activities and innovating in the implementation of more efficient processes. For this reason, we are committed with the well-being and balance of our employees, translated into the experience of the employee since he enters the company and throughout his cycle within it, maintaining his motivation through his personal and professional growth, so that they have a sense of belonging and work with joy in the company, generating greater productivity.

GRI 103-2 How do we manage it?



We recognize the impact of good leadership, aligned with an Organizational Culture Model, fundamental in the achievement of strategic objectives. For this reason, we work on the socialization and awareness of a cultural ecosystem that brings together the attributes of the Leadership Model, a set of behaviors that we expect in an OcenSA leader and that are essential to materialize the cultural principles that identify us as part of the company.

[For more information about our management with our Human Talent, see Sustainability Report 2020](#)

We manage talent through the experience of our culture attributes and leadership model, promoting transversal communication that leverages the business strategy. The human talent strategy is supported by the management model and our purpose is to be at the forefront of organizational trends.

GRI 103-3 How do we assess it?



We carry out the measurement of our human talent through participation in surveys such as GPTW, ACRIP Best Labor Practices, Ranking of Inclusive Companies and Cultural Appropriation Index with Mercer; we also conduct short surveys that allow us to measure the pulse of the initiatives we are executing and the impact on the identified foci. With focus groups we seek to understand and reinforce successful behaviors and identify improvement opportunities.

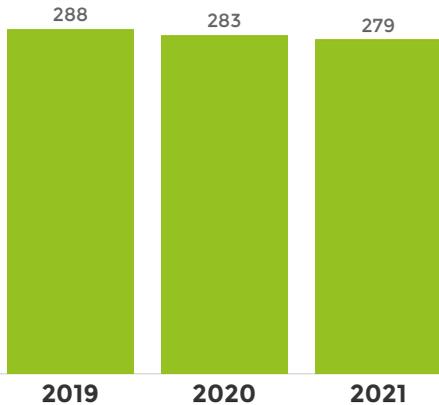


GRI 102-7, GRI 102-8

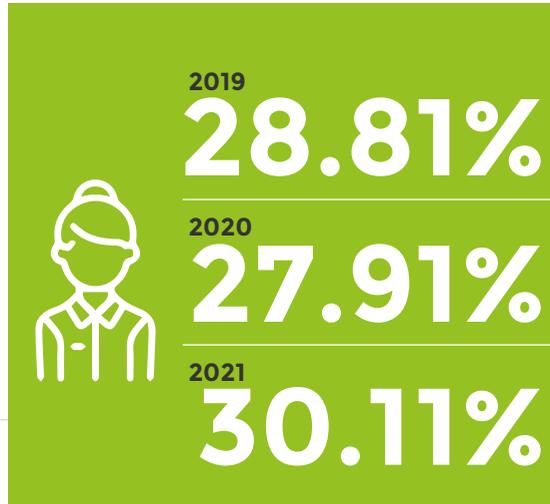
In 2021, we had a total of 279 direct employees²⁸, all hired full-time²⁹, of which 69.89% are men and 30.11% are women.

²⁸. As of December 31, 2021.

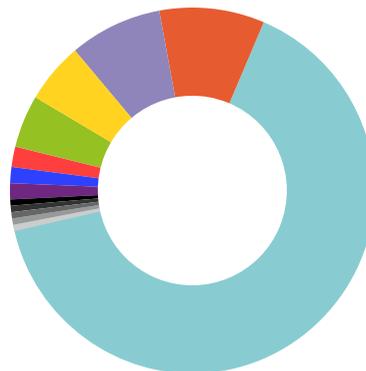
²⁹. We also have 5 men and 5 women as temporary collaborators, based in Bogotá.



Number of direct collaborators at Ocesa



We have gradually increased the percentage of women working in Ocesa and our commitment is to continue to promote equal participation and leadership of women in the company.



Chiquillo	1	Caucasia	4
La Belleza	1	Vasconia	4
La Granjita	1	Miraflores	5
Páez	1	Tunja	13
Porvenir	1	Puerto Berrío	15
		Coveñas	23
		Cusiana	26
		Bogotá	184

Direct collaborators by region

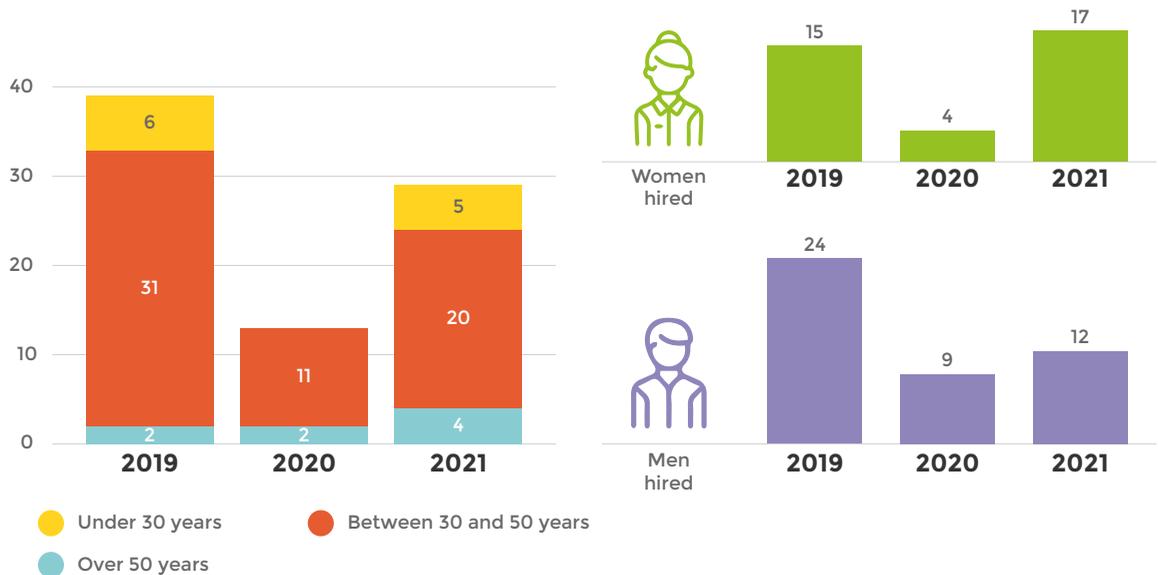
New Hires³⁰

GRI 401-1

Management begins with the planning of our structure, aligned with the process map, the construction of job descriptions and the assurance of adequate recruitment that allows meritocratic selection and the promotion of diversity. We attract the best talent to occupy each position to later provide the

necessary training tools to develop and strengthen the skills identified as necessary to ensure success and the generation of value from each of the roles. We emphasize that over the last few years we have significantly increased the percentage of new women hired in the organization.

	2019	2020	2021
Hire Rate of all employees	13.78%	4.53%	10.35%



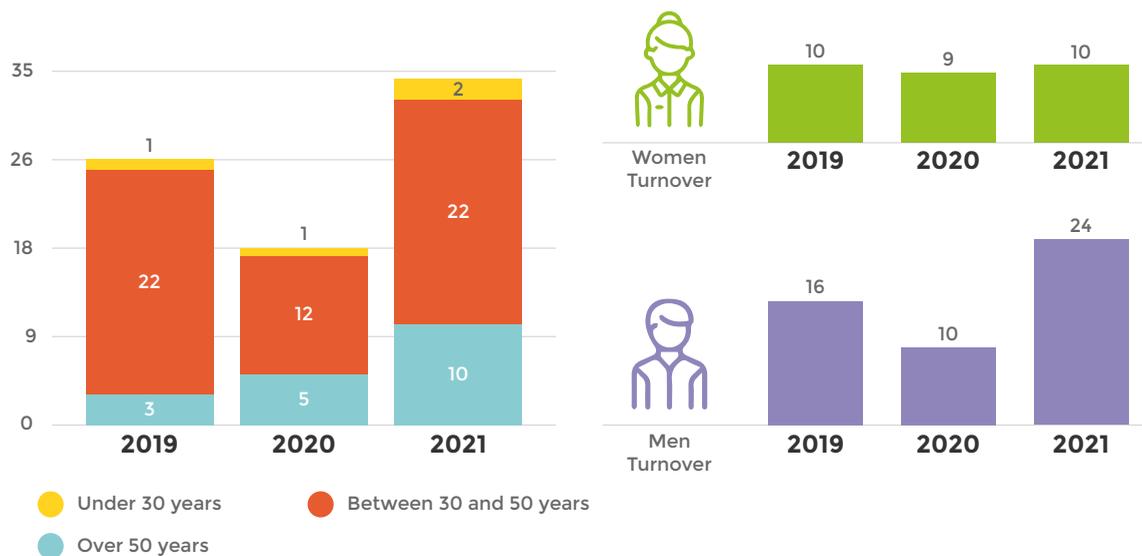
New hires by age range and gender

³⁰. In 2021, we had 29 new hires, which increased compared to the immediately previous year, given mainly because the growth that Cenit has had as the head of the transport segment has an impact on our organization as many of these new positions are filled with Ocesa staff.



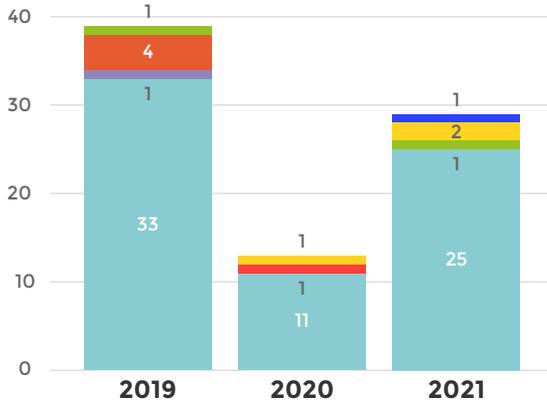
Staff Turnover

Turnover Rate of all employees ³¹	2019	2020	2021
	9%	6.4%	12.2%

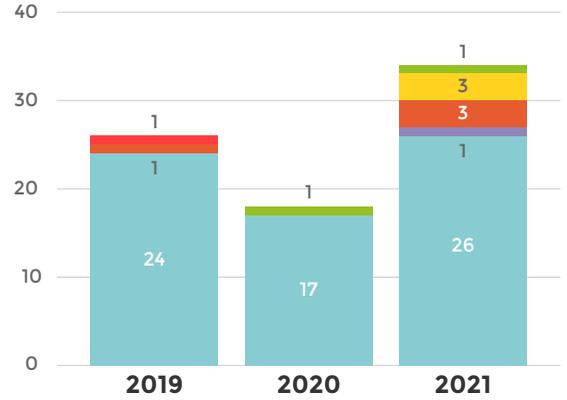


31. The information provided in this report considers the total turnover rate for all years. There are differences with respect to the information reported in the report of the immediately previous year due to the fact that in 2019 the turnover rate contemplated voluntary resignations plus rotation of apprentices and for 2020 the information concerning voluntary resignations and transfers between the Business Group was reported. This report includes information related to all causes of rotation for these three years.

Turnover by Region



Turnover by region
(new hires)



Turnover by region
(people who left the organization)

We have embraced the social issues from diversity, equity, and inclusion, promoting equal opportunities in topics such as gender, sexual identity, ethnicity, or disability. The effort is permanent, and we will continue participating on it.



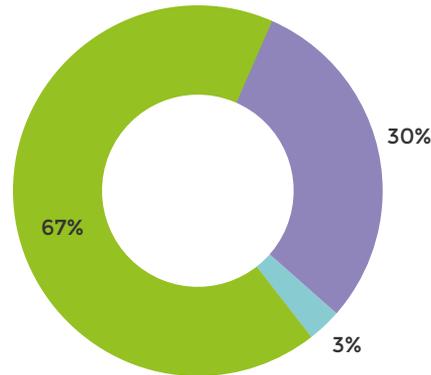
Diversity and Inclusion

The most competitive organizations are those that establish themselves as a vehicle for diversity and that offer the same opportunities for people at all levels, regardless of their place of birth, the ethnic group to which they belong, race, sexual orientation, gender, age, religion, beliefs, skills and even personal interests.

At Ocesa we work continuously to make our company a place that ensures and promotes respect and that understands the added value that comes with hiring diverse people. We are confident that diversity enriches our workspaces, strengthens the ability to think from different perspectives and fosters innovation in our internal processes.

405-1

30% of our employees are women, with a distribution by roles between management positions, income-generating positions, and STEM positions of 3%, 30% and 67%, respectively.



- Management positions
- Income-generating positions
- STEM (science, technology, engineering, mathematics)

Positions held by women in 2021

We have three types of job categories: strategic, tactical and operational positions.

Strategic	➤	Define the strategic vision and establish objectives to achieve
Tactical	➤	Deploys and translates the strategic vision into specific actions
Operational	➤	Executes the action plans drawn up by the company, performs short-term actions and ensures that tasks are executed

LGBTI Community

3%

Persons with disabilities

0.36%

GRI 102-8, GRI 405-1

Distribution of our collaborators in 2021³²

Collaborators	Strategic Positions	Tactical Positions	Operational Positions
	9	57	213



Distribution of our collaborators by job category, age group and gender in 2021

Distribution of our collaborators by job category, age group and gender



Category / Age	< 30	30-50	> 50	Total
Strategic ³³	0.00%	1.79%	1.43%	3.23%
Tactical	0.00%	14.34%	6.09%	20.43%
Operational	5.73%	56.63%	13.98%	76.34%
Total				100%

Category / Gender	Women	Men	Total
Strategic	1.43%	1.79%	3.23%
Tactical	4.66%	15.77%	20.43%
Operational	24.01%	52.33%	76.34%
Total	30.11%	69.89%	100%

³². As of December 31, 2021.

³³. The strategic positions in the company are only held by the directors and the president, so the percentage compared to the overall sample is low.



Category / Age	< 30	30-50	> 50	Total
Strategic	0.00%	1.77%	1.06%	2.83%
Tactical	0.00%	15.55%	6.36%	21.91%
Operational	5.30%	56.18%	13.78%	75.27%
Total				100%

Category / Gender	Women	Men	Total
Strategic	1.06%	1.77%	2.83%
Tactical	4.24%	17.67%	21.91%
Operational	22.61%	52.65%	75.27%
Total	27.92%	72.08%	100%



Category / Age	< 30	30-50	> 50	Total
Strategic	0.00%	1.39%	1.04%	2.43%
Tactical	0.00%	15.63%	5.21%	20.83%
Operational	9.38%	53.82%	13.54%	76.74%
Total				100%

Category / Gender	Women	Men	Total
Strategic	1.04%	1.39%	2.43%
Tactical	4.17%	16.67%	20.83%
Operational	23.61%	53.13%	76.74%
Total	28.82%	71.18%	100%

Development of our talent

GRI 404-1

We invest in the development and training of our collaborators. For this reason, during 2021 we recorded a total of 15,476 hours of training among all direct employees of the Company. On average, women received 71 hours of training, while men had 49 hours³⁴.



Average hours of training by position and gender

	2019	2020	2021
Average hours of training per woman	95	70	71
Average hours of training per man	68	43	49



Total hours of training of women

5,962



Total hours of training of men

9,514

³⁴ The average of the total training of the company's personnel versus the number by gender is presented.

GRI 404-3

We have performance objectives for each person, according to the scope of their role and aligned with the fulfillment of goals of our business model. Each employee structures individual objectives that have a direct or indirect impact on business objectives and complements it with behavioral objectives that are based on strengthening or developing those skills or competences, different from the techniques, necessary for the development of their position. A review is made on the progress in the middle of each year and the compliance evaluation for the closure of the performance at the end of the period.

In 2021, 100% of our collaborators received performance evaluations.

Benefits

In Ocesa we work to maintain the best talent, which is why we have an adequate salary policy that allows us to know our internal competitiveness and position in the market to establish strategies that attract and retain our collaborators.

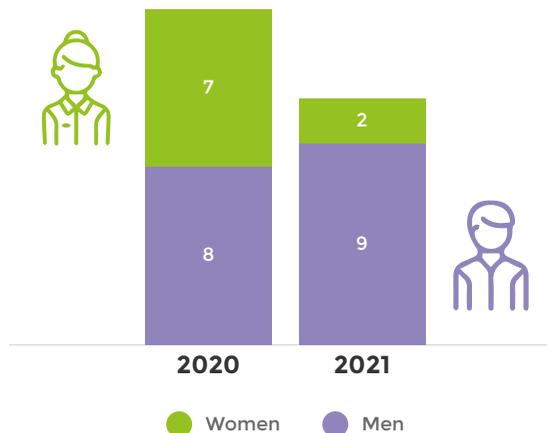
GRI 401-2

Each worker has a fixed monthly percentage of their salary (10% for strategic positions and 12% for the rest of the workers) that they can distribute according to their needs and preferences in a carefully designed portfolio of services. Within these, there are benefits of savings, protection, education and well-being. Additionally, for basic salaries, the company grants a fixed monthly percentage on their salary (15%) with a destination for savings and an extralegal bonus corresponding to a monthly salary, payable in the months of June and December of each year, respectively.

GRI 401-3

Paternity leave is a right that we guarantee in Ocesa for all our collaborators, regardless of the level of the position.

100% of our collaborators, both men and women, continue to work with Ocesa 12 months after returning from parental leave. The same collaborators who have taken leave are those who have had the right to have parental leave and have taken advantage of it



Collaborators who have returned after the end of parental leave



Initiatives that drove development of our talent in 2021

Aira

Through the implementation of technologies such as machine learning, artificial intelligence and data analytics, we improve the efficiency of the recruitment and selection process, reducing the time it takes for the recruiter to review the resumes of the postulated candidates, and the cost per person in the application of psychotechnical tests, using Aira, a software that applies this technology and automates part of the process.

USD 2,190.7 dollars invested³⁵.

360 Leader Measurement

Interested in evaluating the direct impact of the leader on the level of commitment of its collaborators, we involved 64 leaders of the company in the measurement process, in which we identified strengths and opportunities for improvement through a diagnosis in the dimensions of: confidence in the achievement of objectives, commitment to an extra effort and satisfaction with the organization, obtaining a rating corresponding to “Competent Leaders” for all participants, which ratifies the readiness of the person to occupy this position.

This index has a great predictive capacity about the effectiveness of leaders within the organization, as there is a high correlation between it and the level of satisfaction and commitment of employees towards the company.

To carry out this initiative, we invested **USD 17,365 dollars**³⁶.

Women's Leadership Program with Tecnológico de Monterrey

Within the framework of our Diversity and Inclusion Program, through Tecnológico de Monterrey, we implemented a program to develop and strengthen leadership skills in women, with the aim of preparing them to assume these positions in the near future. As a result we obtained 34 certified women, which translates into 70% effectiveness compared to the total population of women in Ocesa.

We invested **USD 22 thousand dollars**.

Map of succession of leaders close to retirement

With the aim of ensuring business continuity, through knowledge management and the 70, 20, 10 model, we carry out an exhaustive internal procedure to identify successors to leadership positions, positions classified as critical and those occupied by people who are close to retirement, so that we could structure their development plan that allows us to ensure the readiness of the successor, at the time of opening a vacancy.

35. The reference rate used for this conversion was \$3,743.09.

36. *Idem*.



Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
<p>Strengthen the understanding of the Ocesa University as a means to promote the management of knowledge, the skills of our people and leverage the integration of the company's value chain, integrating our allies and stakeholders. Ocesa University and its Expanded University project will seek in the first phase "OQ Program" to bring the technical school to our contractors and establish the path by which the Ocesa University can leverage the development of initiatives and programs of the company.</p>		<p>The relaunch of the Corporate University was carried out, including digital training platforms. OQ Program was included in the Corporate University and the grading of assignments is now done through it.</p>
<p>Establish and execute the competency development plan, which will consist of the identification of technical and behavioral competencies to be strengthened, which will allow us to satisfactorily fulfill the Strategic Planning to 2030.</p>		<p>In the strategy translation exercises, the skills necessary to comply with the 2030 strategic framework were identified and prioritized and the Renewable Energy diploma was initiated, created exclusively to prepare workers in the energy sector, in order to face the technological and social challenges associated with the energetic transition.</p>
<p>Maintain adequate relations in the union environment where the company has a presence, in order to guarantee the continuity of the operation.</p>		<p>During 2021, solid relationships with the USO were maintained through respectful, timely and close spaces, which guaranteed labor peace in our operations with third parties.</p>
<p>Strive to maintain the fairness and competitiveness of workers' wage compensation, strengthening the company's strategy of attracting and retaining the best talent.</p>		<p>From the Compensation area, the process of planning, modeling, approval of the salary plan was advanced, implementing the defined increases and the positioning in the market for the year 2021. These salary increases were framed in the review and maintenance plan of the positioning in the salary band of each worker and their individual performance, thus ensuring an exercise of internal equity in the salary management of the company.</p>



Where are we heading?

In the short term:

- We will structure the succession map with a gender focus, in order to promote leverage and the training of women within the company.
- We will achieve a 100% installed capacity index, promoting the development of employees on the most relevant issues for the achievement of the 2030 Strategy.

In the long term:

- Double women in leadership positions.



We conceive people as allies to achieve the company's purposes. That is the essence of the culture of care and the core of our corporate identity.



5.2

Health and Safety at Work

GRI 103-1

Why is this topic important?



Caring for people, ensuring the integrity of life and health of all employees, contractor workers and communities, is one of the priorities of our corporate strategy. Through proper management of health and safety at work we can prevent accidents, diseases, injuries, and deaths.

GRI 103-2

How do we manage it?



Within the framework of a safe and reliable operation, **in Ocesa we identify, evaluate, and control the hazards that originate in the workplace**, with the purpose of reducing the probability of occurrence of unwanted events, such as work accidents and occupational diseases.

[For more information on how we manage health and safety at work, see Sustainability Report 2020](#)

We have epidemiological surveillance programs in occupational health that incorporate information from the work environment and people to perform medical follow-up on the health condition of each worker. We identify opportunities that contribute to the improvement of the Company's occupational health and safety system, promoting the self-care of our own workers and our contractors.

Currently, we have a Health and Safety Management System that covers the entire company, which was implemented under Resolution 0312 of 2019 and which, in addition, has ISO 45001: 2018 certificate. This System has periodic internal audits and follow-up.

GRI 103-3

How do we assess it?



We ensure the monitoring and measurement of work plans and programs in the field of occupational safety and health aligned with the organization's strategy and annual objectives and goals. For 2021, we recorded a decrease in the total number of accidents affecting people, reflected in the TRIF and IF indicators

GRI 403-2

In order to assess the risks, we have a model for preventive management in health and safety supported by HSE standards, which allows us to:

- Identify the hazards and assess the risks to define control measures within the scope of our activities.
- Manage accidents and recognize the necessary improvements to the system, through the reporting and investigation of incidents.

- Recognize risky behaviors and unsafe conditions, through a tool for reporting acts and conditions, as a mechanism for participation and communication of own workers and contractors.

Regarding hazards and risks, we continuously update them by position levels, as well as in routine and non-routine activities carried out in the field, in accordance with the existing prioritization and accident rate analysis. In 2021, the health hazards and risks associated with infectious diseases (covid-19) and psychosocial risk from work at home were assessed.

As for infectious diseases, during 2021 we gave continuity to the biosecurity controls aligned with the mandatory requirements in force in Colombia, we managed the vaccination cycles for our employees, reaching 100% coverage with a complete vaccination scheme against covid-19. Additionally, we continue to carry out tests to diagnose the virus for all personnel, employees, and contractors, before moving to the different territories, to prevent the spread of the virus and take care of our people and communities.

Regarding psychosocial risk, we accompanied workers who requested the benefit of individual psychological counseling offered by Ocensa and, as a complement, some interventions and measurements related to the condition of teleworking, before working at home (mental health and stress management techniques).

GRI 403-3

We ensure the monitoring and follow-up of the health conditions of workers with the support of an occupational health advisor, through periodic occupational examinations and the recognition and implementation of intervention measures, which prevent or mitigate the impact on health. The most impactful consultancies in 2021 had to do with the prevention of musculoskeletal injuries and ergonomics in the workplace. For the management of covid-19, a full-time medical advisor has been arranged who permanently monitors the condition of direct workers and contractors.

As part of the occupational hygiene program, a cycle of hygienic measurements was carried out in 2021, evaluating variables in the workplace that could potentially cause occupational diseases. The exposure of workers to agents such as noise, chemical pollutants, light intensity and uniformity and thermal environment in each of the facilities was measured, with results that did not exceed the permissible

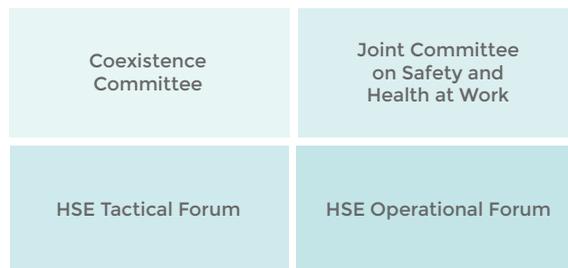
limits. These measurements determine the exposure profile per group of workers to hygienic risk agents to implement actions through epidemiological surveillance programs.

GRI 403-6

In addition to permanent occupational medical advice, we facilitate access to advice through prepaid medical insurance and advice for follow-up and/or doubts about covid-19, which include all members of the family group as direct beneficiaries of our workers. For work activities at home, we also offer specialized advice by a physiotherapist for the conditioning of the workplace. In addition, from we have a physiotherapy program for the prevention of musculoskeletal injuries, with the verification of the conditions of the workspaces, giving recommendations and referring for medical evaluation when necessary.

GRI 403-4

However, to ensure the participation of our employees, we have spaces to facilitate consultations and communications on health and safety at work.



GRI 403-5

We also define annually a health training plan aligned to the diagnosis within the framework of epidemiological surveillance programs, with promotion and prevention activities. In 2021, we developed workshops related to topics such as sleep hygiene, mindfulness, healthy nutrition, stress prevention, cervical cancer prevention, visual health and sexual health, among others.

GRI 403-8

The Health and Safety Management System covers 100% of employees (direct, temporary and apprentices), as well as 100% of contractor workers.

GRI 403-9

The care of our people is a priority, so we have continuous prevention programs and timely activities that allow us to increasingly manage the visible and strategic commitment to people. This management has allowed us to continue with zero cases of occupational diseases and zero cases of occupational accidents (including fatal) of direct personnel in 2021.



The permanent identification of unsafe acts and conditions remains a key milestone in preventive management in health and safety. It is evidence of individual input from Ocesa workers and contractors. At the end of 2021, we recorded a total of 7,767 risky behaviors or unsafe acts and 7,857 unsafe conditions, with a closing management of 95%³⁷.



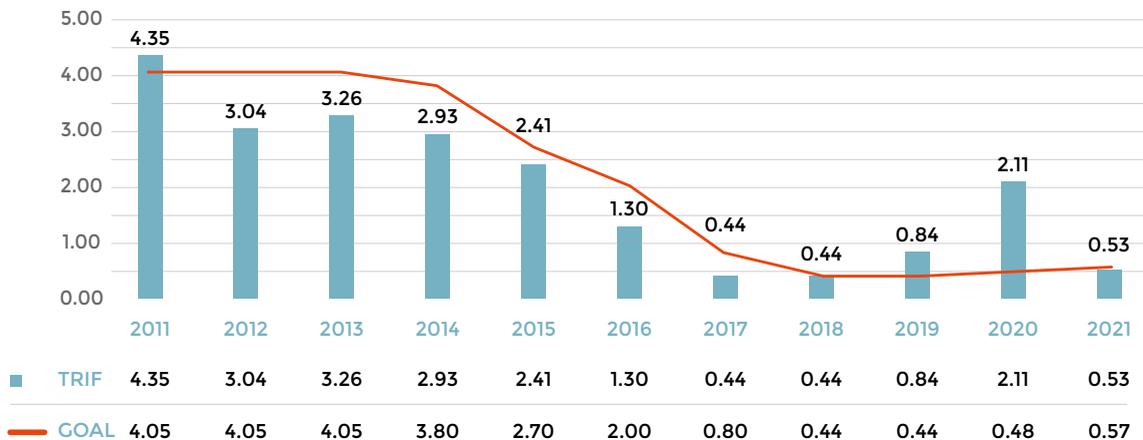
Registration of unsafe acts and conditions

During 2021, 2 workplace accidents were recorded in workers of our contractors, classified as disabling injuries, impacting our TRIF indicator. What happened were accidents in offshore activities, the first during the transfer of the worker between two boats, and the second during maneuvers in adverse weather conditions. The respective analyses of these accidents led us to the implementation of actions to

³⁷ The most recurrent deviations intervened through the management of acts and conditions correspond to order and cleanliness, roads or accesses to work areas, barriers to isolate or protect, discipline to controls defined for the execution of tasks, hazard analysis with incomplete controls, perception of risk, omission to comply with rules and procedures, use of personal protective equipment, and condition in equipment and tools.

strengthen the awareness, knowledge and skills of workers, improve operational discipline in compliance with control measures, supported by the quality of risk analysis for offshore activities, including peripheral activities.

The TRIF showed a favorable result of 0.53³⁸ in relation to the goal established in the balanced management dashboard (TBG), the battery of performance indicators and annual goals with which the company is permanently measured. We managed to reduce accidents by 75% compared to 2020, implementing improvement actions contemplated in the Accident Reduction Plan and associated with reinforcement in operational control, qualified tasks, assurance of the HSE model, operational discipline and scope of technical autonomy of contractors.



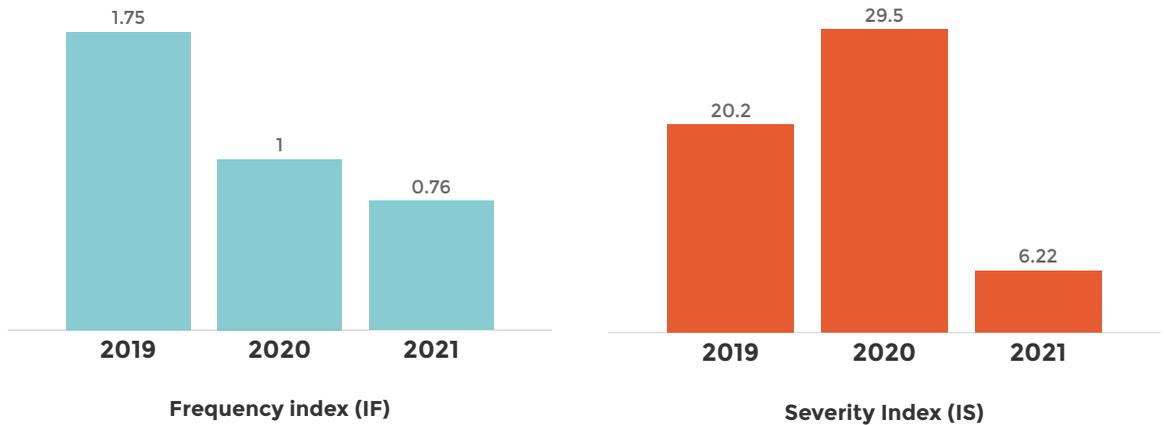
Historical evolution of the TRIF (2010-2021)

Compared to 2020, during 2021 the frequency rate³⁹ was reduced by 25% and the severity⁴⁰ decreased by 85% thanks to the initiatives of the accident reduction plan. We also observed a significant reduction in the number of days lost due to disability by 77% compared to the previous year.

38. Rate calculated from the number of recordable injuries from occupational accidents based on total man-hours worked.

39. The frequency index measures the number of times an accident at work occurs in a period of time.

40. The severity index measures the number of days lost due to work accidents in the period.



Initiatives that boosted health and safety in 2021

Accident Reduction Plan

We implemented a joint strategy for all Ocesa direct collaborators and contractor companies, which allowed to reduce the low perception of risk, increasing specific knowledge of the task, rigor, change management and behavior-based safety.

The plan was structured in five pillars:

1. Operational reinforcement: establishes the reinforcement of change management in shifts of operators and area authorities, as well as the support scheme in high-risk positions.
2. Qualified tasks: Strengthens internal and external training in 89 qualified tasks defined in the OQP program.
3. Adjustment HSE assurance model: defines a new model for operational control with roles and responsibilities of area authorities, as well as monitoring and verification in the field.
4. Operational discipline: implements the field logs for all medium and high risk jobs, where all the news and decisions of the change in the works are recorded.

- 5. Scope of technical autonomy of contractors: adjusts the work planning scheme as an integral part of the responsibility of each contractor.

As a result of the implementation of the accident reduction plan, we achieved:

- 1. Improvements in the level of specific knowledge in the technical profiles of the company's internal staff and contractors.
- 2. Implement a new work permit application structure.
- 3. Centralize and digitize HSE standards for training and knowledge assessment.

- 4. Ensure the control of risks in the operational phase, by implementing risk classification guidelines for each activity and its control by the contractor.

- 5. Reinforce roles and responsibilities of contractor control.
- 6. Align processes in a proactive, permanent and participatory way concerning accident reduction.

Operative Control Reinforcement

Levels of approval in line with the risk from the field activities.

Structures adjustment and contractor control schemes.

Inclusion of area authorities in the line (north and south) and shift changes.

Technical autonomy contractor scope

Short, medium and long-term maintenance planning deliveries.

Comprehension between contractors / scope relationship.

Unit Price Analysis (APU, derived from its initials in Spanish), and scope of work against objectives of the activity.

Qualified assignments

Update of technical experts in qualified activities.

Reinforcement and training in qualified assignments and legal framework.

Adjustment in HSE assurance model

Change in the scheme in the HSE assurance field.

Reinforce field roles and skills.

Operative discipline

Field logbooks and shift changes.

Profile compliance and training.



Five Pillars of the Accident Reduction Plan

Digital transformation for HSE standards training and evaluation

In order to centralize the training and evaluations of the HSE standards to employees and contractors, we carried out digital trainings that allowed to expand the coverage of workers involved, reaching in 2021 the greatest coverage in recent years.



Number of people trained in HSE





Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
Identify hazards and perform risk control (field risk analysis and reduction of low risk perception).		Through industrial safety, the identification of hazards related to activities in confined spaces and risks was carried out, which allowed the incorporation of new controls, contributing to improve the low perception of risk. The behavior-based safety program also allowed the intervention of risky behaviors in a timely manner and implement actions to prevent events associated with low risk perception from materializing.
Carry out the implementation and monitoring of the Accident Reduction Plan.		We managed to reduce accidents by 75% thanks to the plan.



Where are we heading?

- Do not exceed the TRIF limit of 0.53 during 2022.
- Strengthen the culture of safety and health in which everyone, individually and collectively, takes responsibility for taking care of each other.
- Establish a health and safety model through 4 axes to achieve corporate strategic goals.
- Adjustment of the health and safety structure that impacts the productivity of the HSE process and generates value for stakeholders.
- Use existing security tools with higher quality, ownership, participation and consistency than we do today.

Ocensa provides a public service that generates value, not only for the hydrocarbon industry, but also for millions of people and the 48 municipalities where we operate. We do this by generating employment, contributing to municipal and departmental budgets, and investing voluntary and mandatory resources in projects with the community. But especially, we do it by acting as proactive and responsible corporate citizens, allies in the construction of a Colombia in peace, prosperous and sustainable.

5.3 Community Relations and Social Investment



GRI 103-1 Why is this topic important?



We promote, strengthen and sustain the relationship with our stakeholders through a proactive social dialogue, to promote development based on socio-environmental investment, from a human perspective and aware of the dynamics of the territory and its environment, through the collective articulation of work with allies and the inclusion of women and young people. We develop and evaluate our management in seven thematic lines, seeking to consolidate business practices that generate value to all the actors that intervene and/or impact our operation

1. Community development
2. Sustainable reactivation
3. Environment
4. Institutional strengthening
5. Education
6. Knowledge management
7. Management support

GRI 103-2 How do we manage it?



[For more information on our management with communities and social investment, see Sustainability Report 2020](#)

Our operations have the potential to generate positive impacts on the socioeconomic environment in the company's areas of influence, which is why we have created the **Socio-Environmental Responsibility Plan**, which seeks to capture development opportunities, as well as prevent and mitigate the materialization of community conflicts. The Socio-Environmental Responsibility Plan also links the fulfillment of the social obligations included in the Environmental Management Plan (EMP), in accordance with the measures established in the Environmental License.

The Socio-Environmental Responsibility Plan contributes to sustainable local development through projects with the community and is a key enabling mechanism of the company's operation, as it includes information and communication processes of our management with the communities and local authorities in the municipalities where we are present.

GRI 103-3 How do we assess it?



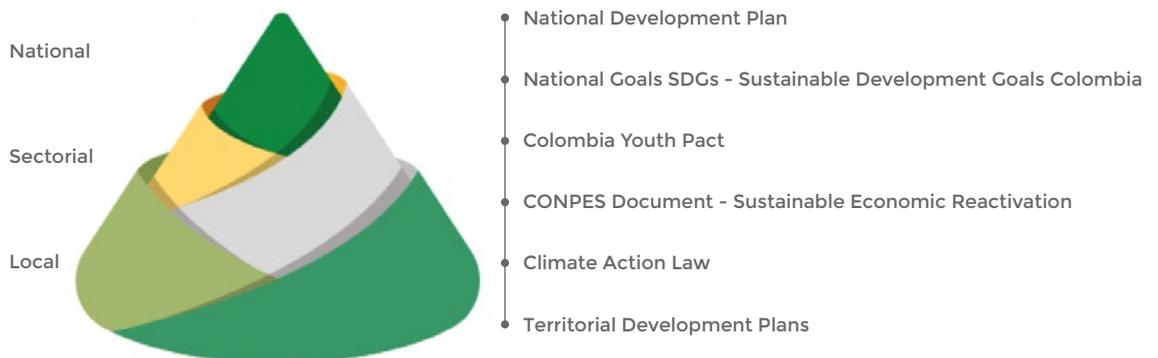
In order to evaluate our management, **we monitor the fulfillment of the goals in terms of socio-environmental investment and the perception of those who participate in our projects**, through focus groups, surveys, environmental readings, two-way dialogues and informative meetings, among others

Social and environmental responsibility in Ocesa is based on eight guiding principles:

Pertinence	➤	Responds to the needs of the Company and the sociodemographic and environmental characterization of the territory.
Participation	➤	Seeks active engagement of the communities and local authorities in the development of projects.
Articulation	➤	Identifies and establishes agreements with governmental and international cooperation entities to strengthen the scope of programs addressed to stakeholders.
Quality	➤	Subject to high quality standards in the achievement of short, medium and long term objectives.
Strategy	➤	Aligns with the business objectives and in particular with "Woman Leader of Rural Development with a Sustainable Approach"
Differential Approach	➤	Considers the characteristics of diverse population groups to generate interventions that answer to their needs.
Human Development Approach	➤	Promotes an enabling environment to empower persons through the creation of abilities in their communities.
Management and Information	➤	Generates strategies to disclose performance and the status of the projects at an internal and external level.

Taking into account the above, the totality of the investment we make is carried out through socio-environmental projects that seek to maximize the benefits for the territories and the Company, from the identification of needs, the reading of the envi-

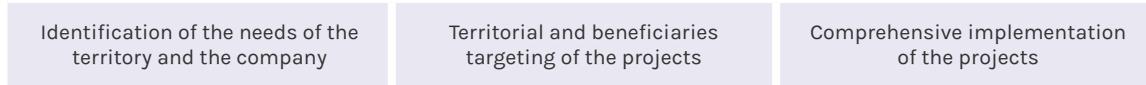
ronment, the permanent dialogue with stakeholders, the analysis of development plans and national policies, departmental and municipal, surveys and focus groups, among other inputs.



Policy frameworks for socio-environmental investment projects

With these inputs, we carry out the territorial and population targeting, directing the investment resources in the municipalities and the *veredas* of the area of influence.

GRI 413-1



During 2021, we met 100% the goal of informative meetings, executing 270 informative spaces.

As part of the management and community relationship, in Ocesa we establish two-way communication spaces and we have mechanisms to inform the municipal authorities and communities in a timely manner of matters of common interest, such as benefits derived from our operation, start of maintenance activities and projects, property aspects, management of job vacancies and use of local infrastructure, among others. These spaces allow us to guarantee a relationship with our stakeholders characterized by open and transparent dialogue, and consolidate ourselves as a key actor in the region, which generates trust and builds empathy.

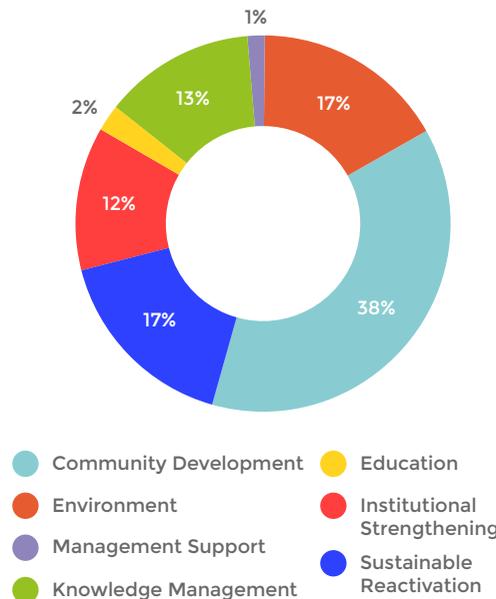
reason, through all our lines of social investment we highlight the role of women as a fundamental part of society, strengthening in them the capacities of self-management and leadership necessary to promote their development.

GRI 413-1

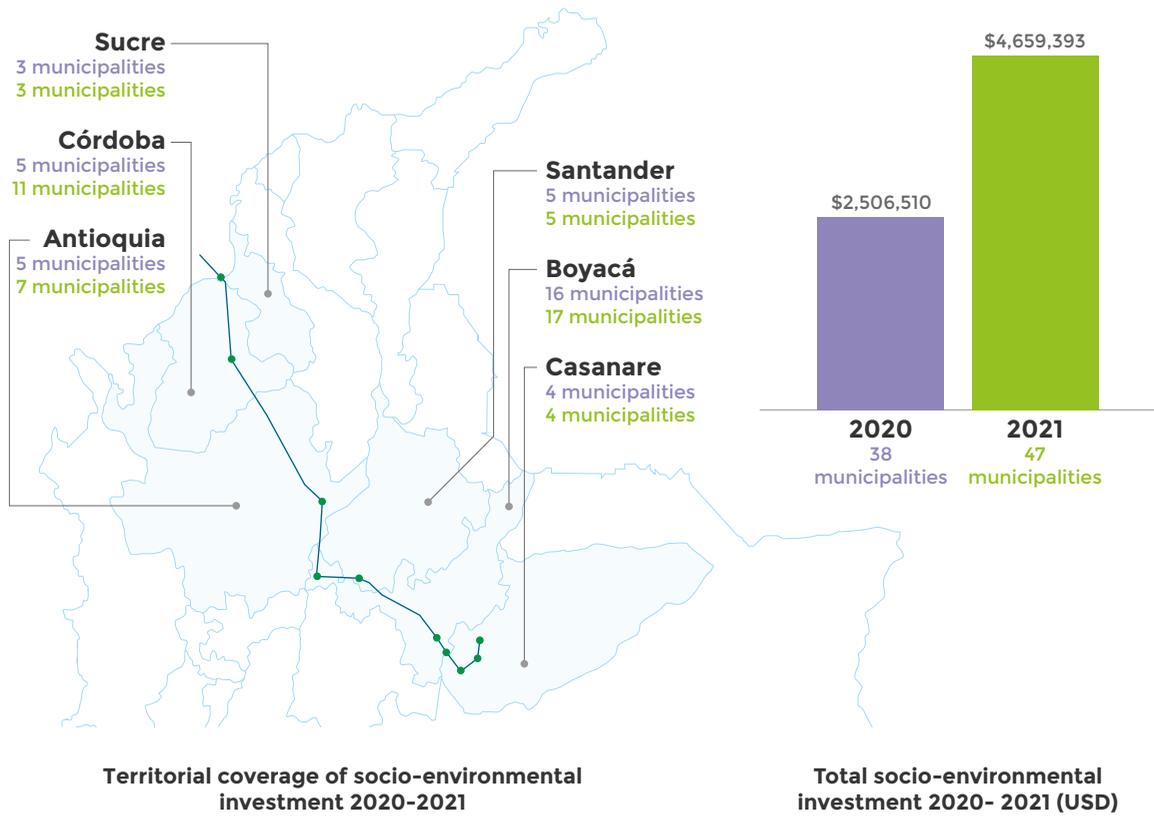
Our social investment lines

All our investments seek to promote and improve the social and environmental conditions of the territories, so 100% of our investment projects have the participation of local communities.

Through all our projects, we seek to contribute to the improvement of the living conditions of the communities in our area of influence and, specifically, to recognize women as leaders of development and managers of change in their territories. For this



Distribution of socio-environmental investment (2021)



Line 1: Community Development

Number of Projects: **6**

Total Investment:
USD 1,763,881⁴¹

The community development investment line aims to improve the conditions of the communities present in the territories where we operate, through activities that strengthen the capacities and skills of the community from a human perspective, aimed at development and collective action.



Through this line, we support training processes for:

- Implement processes of characterization, training and accompaniment to improve the assertiveness of the participating women and their ability to exercise leadership roles.
- Strengthen capacities and skills for management, leadership and communication in community-based organizations.
- Contribute to the development of community and family facilities based on the improvement of community infrastructure.

Project Leadership
that Transforms

147

community action boards
benefited

Social Management Project

47

territorial entities benefited

Project Habitat and Quality of Life

163

families benefited

Project Female Leaders on the Move

73

women benefited

Project Buena Vecindad

11

community action boards
benefited

Project Aula Virtual
Casa de la Mujer Aguazul

1

territorial entity benefited

⁴¹ The reference rate used for the conversion of socio-environmental investment figures was \$3,600. For this reason, a variation is presented compared to the amount expressed in the economic performance chapter, where the reference rate was \$3,743.09.

Line 2: Environment

Number of Projects: **4**

Total Investment:
USD 777,117

Responding to the national and global challenges of climate change, we develop capacities aimed at the conservation, protection and restoration of ecosystems, through awareness-raising, education and participatory governance programs with local communities.

Thus, we seek to promote and encourage projects for:

- Generating awareness, sensitization and education in environmentally friendly practices in accordance with local environmental problems and climate change
- Promoting the use of mechanisms of instances of participation in environmental issues
- Increasing the percentage of ecosystems in recovery
- Promoting community participation in environmental governance mechanisms
- Improving the conditions of protection and restoration of ecosystems



<p>Project Green Synergy</p> <p>6</p> <p>institutions strengthened</p>	<p>Project Environmental Education</p> <p>103</p> <p>institutions strengthened</p>	<p>Project Arborization</p> <p>10.000</p> <p>trees planted</p>	<p>Forest Project La Cristalina</p> <p>1</p> <p>community action board benefited</p>
---	---	---	---

Line 3: Sustainable Reactivation

Number of Projects: **4**

Total Investment:
USD 775,469

We know that we have a significant responsibility for the socio-economic development of our regions. We seek that the success of the company is always reflected in the country, contributing to the economic growth of the communities with whom we relate on a day-to-day basis.

Therefore, we promote local production units through training to strengthen their value chains and marketing strategies, making their business models scalable and sustainable.



Sustainable Reactivation
Project

39

institutions strengthened

Project Artisanal
Strengthening

329

persons benefited

Project Mining
Characterization

1

territorial entity
impacted

Project Biosafe
Beaches

Line 4: Knowledge Management

Number of Projects: **6**

Total Investment:
USD 601,751

At Ocesa we are committed to continuous improvement processes and learning. For this reason, we implement actions for the generation, management, exchange and analysis of knowledge with a view to innovation and the formulation of projects and tools that translate into better living conditions of our stakeholders.



<p>Vereda Characterization</p> <p>37</p> <p>territorial entities impacted</p>	<p>Project Bank</p> <p>9</p> <p>projects formulated</p>	<p>Follow-up and monitoring of programs</p> <p>1</p> <p>assessment performed</p>
<p>Sustainability</p> <p>1</p> <p>process assessed</p>	<p>Knowledge Management</p> <p>1</p> <p>process assessed</p>	<p>Adjustment model Woman and Development</p> <p>1</p> <p>model of voluntary investment adjusted</p>

Line 5: Institutional Strengthening

Number of Projects: **4**

Total Investment:
USD 567,667

We also work hand in hand with local public administrations, developing training processes aimed at their officials, to reinforce concepts and tools of public administration and strengthen their capacities to manage the challenges, realities and needs of their territories.⁴²



Public Management Project

123

public officials
impacted

Hablemos de Nuestra
Gestión

47

territorial entities
benefited

Communications

2

territorial entities
impacted

Strategies for the
Prevention of
Recruitment

45

homes benefited

⁴². For the Florian project, the disbursement of 2021 corresponded to 45 improvements.

Line 6: Education

Number of Projects: **2**

Total Investment:
USD 104,889

We know that education is the best way to make the country's progress viable. For this reason, we promote training processes (formal and informal) for women, recognizing their role as leaders and managers of change and development. These processes are aimed at the development of skills, empowerment, employability and entrepreneurship, to improve their qualification and insertion into the labor market and strengthen their role in the management of change in their territories.



Project Higher Education Fund

100

persons benefited

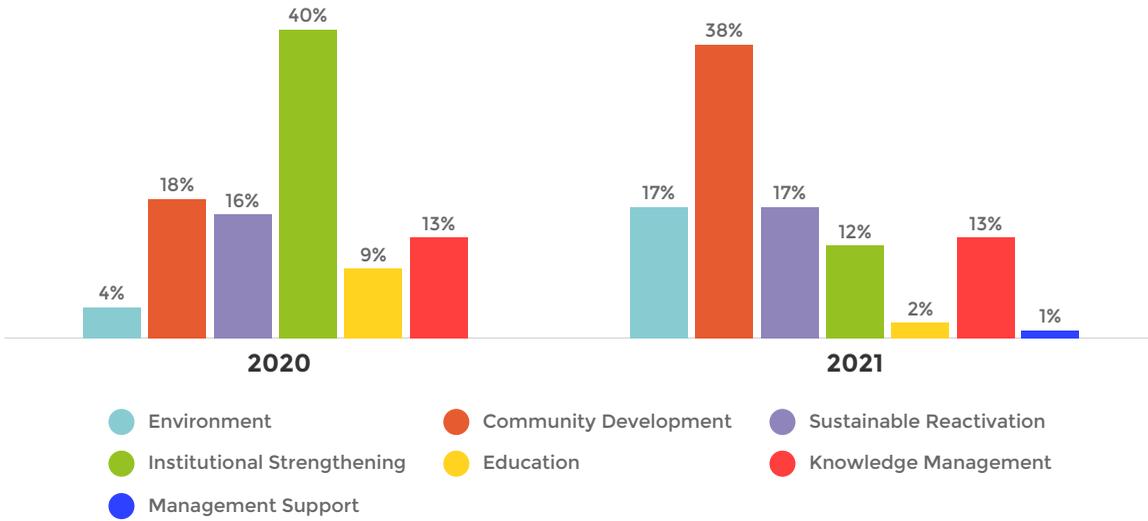
Utopia Project

5

persons benefited

During 2021 we allocated a total of USD 4,659,393⁴³ for social and environmental investment projects, with an emphasis on community development.

⁴³ We have a line focused on the coordination of transversal actions to accompany the execution of the portfolio and the fulfillment of the proposed goals. For this purpose, during 2021 we allocated a total amount of USD \$ 68,619 that is part of the total of the investment.



Distribution of socio-environmental investment 2020 vs. 2021





Initiatives that boosted community relations and social investment in 2021

Volunteering for sustainable reactivation

We developed the first phase of the Ocesa volunteer plan, aimed at 28 productive units that participated in the sustainable reactivation project during 2021 in order to add value in the process of monitoring, strengthening and acceleration. Through volunteering, 30 Ocesa employees with specific knowledge in specific areas developed activities framed in organizational strengthening, connection with markets and financing, innovation and digital transformation, communication and marketing, health and safety, gender and green businesses.

Intercultural relations protocol

We established the criteria and procedures to strengthen the relationship between our collaborators and contractors with the indigenous and Afro-Colombian communities present in the area of influence. This Protocol will allow standardizing the guidelines for action towards the relationship with these communities, respecting and promoting at all times human rights and the relationship best practices.

Adjustment of the structure of the Social Responsibility Management

In order to strengthen the social management operating model for greater operational flexibility and territorial presence, as well as the specialization of roles and a better ability to adapt to the challenges of the Company's environment, during 2021 we restructured the Social Responsibility Management defined as shown in the new organizational chart.



Structure of the Social Responsibility Management



Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
Strengthen the implementation and monitoring of the management of social programs of the Environmental Management Plan.		We elaborated a work plan to strengthen the execution and follow-up of social programs through a tool to follow up and monitor compliance with indicators, planned milestones, budget execution and risk monitoring. We also implemented spaces for monitoring, reviewing and ensuring the execution of programs.
Expand the coverage of social investment in 100% of the area of influence,		Social investment coverage was extended to the municipalities in the area of influence with projects from the Community Development, Institutional Strengthening and Environment components.



Where are we heading?

- We will design a pilot to measure the return on socio-environmental investment in order to identify the operational, environmental and social added value of Ocesa's relationship and investment. For this, we will build a white paper of measures and metrics of the portfolio, where we will collect some of the social investment projects and this will allow us to advance in the impact evaluation of the projects.
- We will define and validate a strategy to support sustainable community actions aimed at strengthening the environmental and associative capacities of ethnic communities.
- We will strengthen voluntary environmental investment through the planning and execution of 3 environmental projects aimed at protecting strategic ecosystems and strengthening the creation of life areas, which link regional corporations.

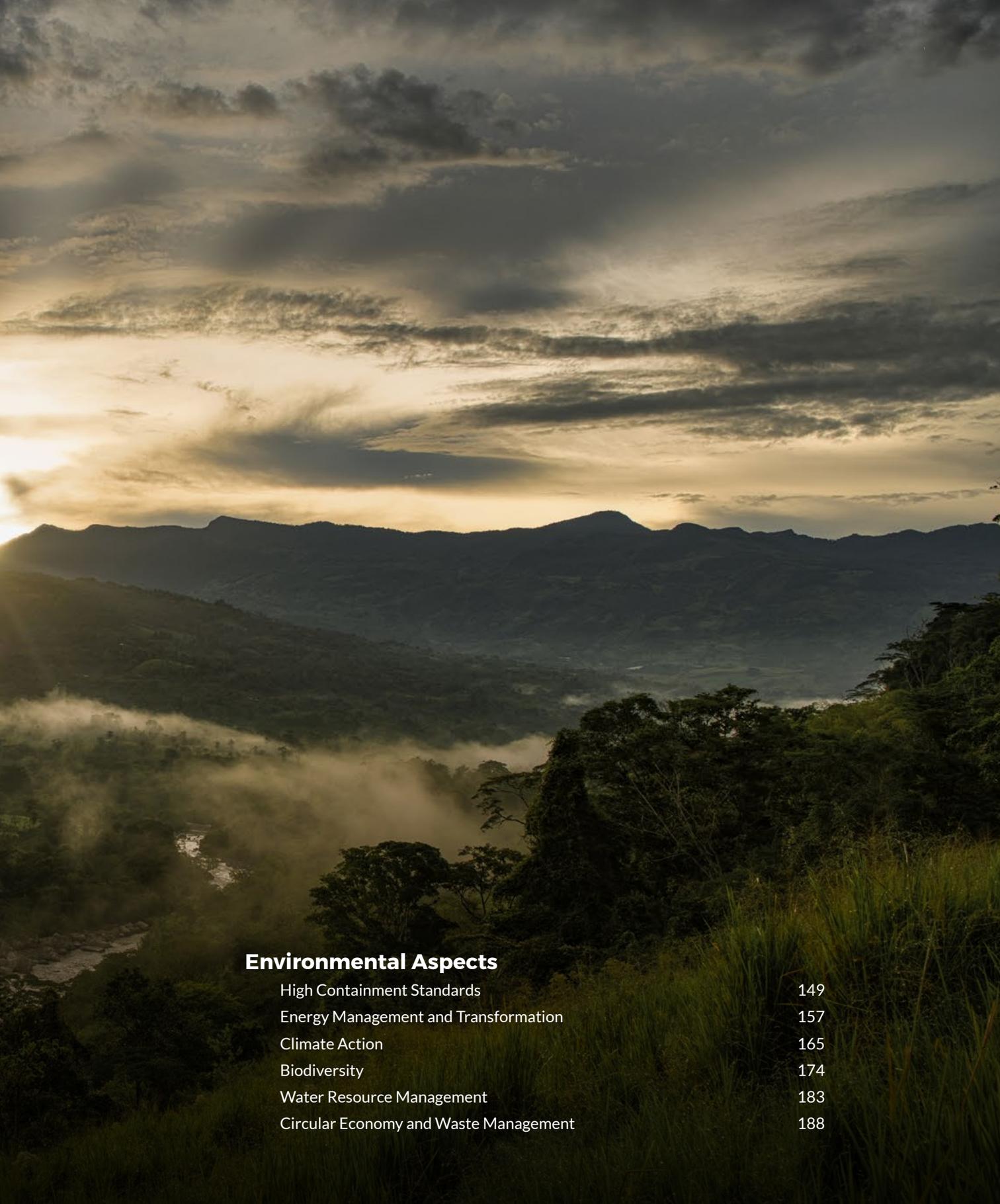
For more than 30 years we have operated with safety, reliability, and responsibility. The fulfillment of the company's commitments under the framework of the environmental license and the timely management within the regulatory entities have been and will always be a priority for Ocesa.



Chapter 6

Environmental Aspects





Environmental Aspects

High Containment Standards	149
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Circular Economy and Waste Management	188

In Ocesa we recognize and manage the impacts on the environment, acting responsibly and beyond compliance within the law, under the perspective of sustainability, in order to generate value to the territory where we operate. We work for a safe, reliable, and respectful operation with the environment, as a key player in the country's environmental challenges.

How do we protect the environment in Ocesa?



High containment standards



Energy management and transformation



Climate action



Biodiversity



Water resource management



Circular economy and waste management

6.1

High Containment Standards



GRI 103-1

Why is this topic important?



When we talk about high containment standards in Ocesa we refer to the permanent search for the prevention of the loss of containment, fires, and explosions in order to avoid a potentially catastrophic impact on society and the environment. To achieve this, maintain and even increase the safety of the pipeline, we implement systems, processes and initiatives that look towards an integral management of the safety of hydrocarbons' transport, including management of assets, mechanical integrity of the pipeline and preparation and response to eventual emergencies.

Losing the containment of the pipeline, and that there is an uncontrolled or unplanned release of oil, is the main risk identified for both our business and the environment, as this would trigger significant impacts such as potential effects on people, local economies, and the environment, as well as damage to infrastructure, interruption in operation, reputational impairment, fines or penalties and monetary losses, among others.

GRI 103-2

How do we manage it?



[For more information on our management of High Containment Standards, see Sustainability Report 2020](#)

In a permanent, timely manner and applying the best practices available in the industry, we seek in the operation and maintenance the optimal level of safety, with strict rigor and technical responsibility. For this reason, we have an Industrial Process Safety model, based on preventive management, which involves the use of personnel, plant and processes with a performance that meets the highest standards of quality and safety, and that includes integrity plans and asset maintenance programs.

In addition, in emergency situations or other events that may pose a threat to the community, our workers, the environment, our surroundings or business continuity, we have care protocols, trained personnel, preparatory routines, a program of drills, specialized equipment, coordination agreements with the emergency response systems of territorial entities and mutual aid agreements, that allow a comprehensive and timely management of these possible contingencies and emergencies.

GRI 103-3

How do we assess it?



In order to ensure the highest standards of containment and prevent emergencies, we carry out a review and update of the hazards to which our infrastructure is exposed, operational risks and operation and maintenance strategies, as well as emergency and contingency plans. In addition, we measure our management through performance indicators (KPIs) and risk management indicators (KRIs) to achieve an efficient and safe operation

Our commitment is to maintain a safe and reliable operation, effectively and efficiently managing possible effects on the community, the environment, our surroundings, our workers, and business continuity.

SASB EM-MD-540A.4

At Ocesa, we implement permanent maintenance and capacity building initiatives to foster a culture of safety and emergency preparedness. These are framed in three areas through which we interact with the different stakeholders involved in emergency care: Organization and coordination, Training, and Equipment and facilities.



Organization and Coordination

We develop planning tools for emergency response, among which are:



Through these activities, we have the rotating participation of 141 Ocesa collaborators.

Training

We have annual cycles' workshops in which we encourage and strengthen the knowledge of workers in emergency plans for different risk scenarios such as fires, loss of containment, explosion, evacuation, among others. In 2021, we carried out 215 exercises and we have the participation of:



532

contractors and collaborators

3,173

community persons

18

first response groups

369

law enforcement members

Equipment and Facilities

We implement actions to maintain and improve the availability of elements and infrastructure for emergency response, including:

- Inspection, testing and maintenance for 1,070 specialized equipment and elements
- Emergency infrastructure of 10 stations and offshore operation
- 2 bases and 8 maintenance sub-bases
- 18 first response warehouses
- Validation of 203 control point sheets on the spill route and the renewal of new equipment

Besides, we know that through collaboration with our stakeholders we can improve our response in the event of a loss of containment. For this reason, we hold annual meetings with local, regional, and national authorities to socialize emergency plans and

carry out drills, identify local capacities in 48 municipalities and update contact details. We also interact with 397 community action boards (JAC derived from its initials in Spanish) and fishermen's associations in the area of influence, in order to socialize these plans, as well as the Environmental Management Plan and the Disaster Management Plan.

Additionally, within the framework of five mutual aid agreements, we maintain constant spaces for information exchange and joint preparation with seven neighboring companies and subsidiaries of the Grupo Ecopetrol. These spaces make visible the company's commitment to a reliable and safe operation, and strengthen the capabilities of our workers.

Legal and Normative Framework

Our management of preparation and management of responses is framed in Law 1523 of 2012, Decree 1072 of 2015, Decree 2157 of 2017 and Decree 1868 of 2021. It is also aligned with ISO 22300:2021, ISO 22301:2019, ISO 22320:2013, BS 11200 and NFPA 1600. In addition, it contributes to corporate commitments within the framework of the ethics of care, to principles 7 and 8 of the Global Compact and contributes to SDGs 14 and 15.

Ocensa's Industrial Process Safety Model is mobilized through 11 management elements⁴⁴, that we monitor through preventive actions, and risk and performance management indicators.

Indicators	2020	2021
Preventive Actions		
Monitoring and control of the execution of the Process Safety Work Plan	110%	100%
Update of quantitative risk levels	100%	100%
Monitoring and control of comprehensive event management	100%	100%
Risk management indicators (KRI)		
Process Safety Frequency Index Level 1 (Accomplished / Goal)	0.27/0,0	0.00/0.29
Knowledge and Reduction of Operational Threats	100%	100%
Performance indicators (KPI)		
Process Safety Frequency Index Level 2 (Accomplished / Goal)	0.0/0.0	0.53/0.29
Process Safety Indicator	110%	100%
Critical Process Safety Equipment Indicator	100%	100%
SiMi/RO Indicator	100%	100%
Standing Instructions Indicator	100%	100%
Drills Plan		
Compliance Percentage	100%	97%

⁴⁴. For more information see the 2020 Sustainability Report.

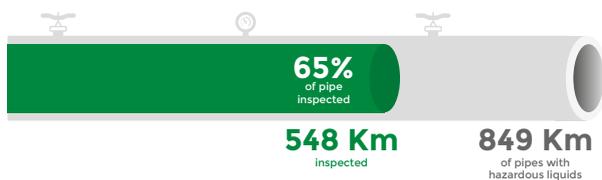
During 2021 we fulfilled all the tasks, activities and milestones planned, managing to strengthen the Process Safety model. Likewise, all Process Safety events, regardless of their level of criticality, were reported, attended in a timely manner, analyzed, and recorded according to the applicable technical criteria.

In a complementary way, we carried out a process of review and updating the primary information of vulnerable elements in the transport infrastructure environment, where the level of risk of the entire system was quantified according to the best practices of the industry. We also monitor, follow, and evaluate the availability and level of risk of critical equipment that allows us to manage a safe operation and prevent the materialization of events.

SASB EM-MD-540A.2

To ensure the highest standards in our assets, at Ocesa we make a projection of the different types of monitoring and inspection activities for the entire pipeline. These inspections have a defined frequency based on corporate technical criteria and are executed at intervals of 3 to 5 years. Therefore, annually we calculate the percentage of inspection taking into account the planned pipe length to be inspected in that year.

Considering the above, in 2021 we carried out the inspection of a total of 548 km with different types of tools, such as metal loss technologies, crack detection and geometric inertial.



GRI 11.8, SASB EM-MD-540A.1

Number of Process Safety events ⁴⁵			
Level	2019	2020	2021
Level 1	1	1	0
Level 2	1	0	2

In 2021 we presented two process safety events registered as Level 2 in the IFSP, in accordance with the API 754 standard, which were effectively and timely addressed and did not affect people or the environment.

- 1 spill of 5.3 barrels (estimated) of water-crude mixture
- 1 event associated with smoke identification in Caucasia station

Thanks to our management and as a sign of Ocesa's commitment to a safe and reliable operation, during 2021 we did not present any Level 1 Process Safety event.

45. According to the methodology used, significant reportable incidents correspond to IFSP level 1.



Initiatives that drove high containment standards in 2021

Update of offshore hydrocarbon dispersion modeling

In order to consolidate a new dispersion modeling to anticipate the forecast of behavior of a possible spill, we updated the dispersion scenarios of a potential spill in the offshore operation at the Coveñas Terminal, with a total investment of **USD 18,407.2⁴⁶ dollars**.

Update of the continental hydrometric study

Thanks to an investment of **USD 66,923.3⁴⁷ dollars**, we updated the hydrological dynamics of the spill routes, which allows us to have updated information on the behavior of potential continental spills originating in the pipeline or its stations.

Design and development of the Major Accident Prevention Plan - PPAM

In order to strengthen the level of safety and reliability of the operation and efficiently and effectively manage possible effects derived from process safety events, we carry out the definition of the scope and structure of the PPMA in which we identify the facilities classified according to the criteria specified in Decree 1347 of 2021, we evaluate the risk information in order to define the tolerance level of the risk level and define the elements of the safety management system for the prevention of major accidents.

Training and socializations on risk management

We trained 532 contractors and collaborators, 3,173 community participants, 18 first response groups and 369 members of law enforcement with training and socializations on the company's risk management instruments, among which are the disaster risk management plan, emergency plan, standard operating procedures, specialized practices, and techniques (attention to spills, firefighting techniques, first aid), among others.



46. The reference rate used for this conversion was \$3,743.09.

47. *Idem*.



Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
We will strengthen the drill plan and the work plan on crisis management, to achieve compliance that exceeds 95% of the projected activities.		We obtained 97% compliance.
We will carry out the formalization of the Mutual Aid Plan of Coveñas, and we will strengthen the operation of the mutual aid plans of the Middle Magdalena and Casanare.		We have five formalized mutual aid plans, we actively participate in the preparation scenarios.
We will begin updating the continental spill routes of the entire pipeline and validating the respective checkpoints.		We carry out a hydrometric study for the entire pipeline that will allow us to have updated information on the behavior of potential continental spills originating in the pipeline or its stations.



Where are we heading?

In the short term:

- We will achieve an IFSP of 0.27.
- We will carry out a measurement of the level of maturity of Ocesa's Process Safety management, through cross-checks with companies with similar operating conditions in the region.
- We will conduct a net environmental benefit analysis to guide offshore emergency response strategies, defining which of these represent the best option to minimize the impact of potential spills.
- We will strengthen emergency response capacities through a renewed management model.

We work intensively to transform the company's energy matrix and capture operational efficiencies that allow us to reduce emissions, contributing with innovative solutions to national commitments in the fight against climate change.

6.2

Energy Management and Transformation



GRI 103-1

Why is this topic important?



At Ocesa we are aware of the responsiveness and the role of companies in the Oil & Gas sector in the energy transition, taking into account the current need to slow down the acceleration of climate change evidenced at a global level and understanding that this may represent opportunities for our Company.

Aligned with national commitments to achieve carbon-neutrality, we have identified the need to migrate towards cleaner energy sources that allow us to operate in the most efficient way, while achieving the transformation of our energy matrix and reducing the environmental impact.

GRI 103-2

How do we manage it?



With the objective of fulfilling the commitment to reduce our emissions by 51% by 2030, we established an action plan to generate a positive and decelerating impact of climate change in the region. In that sense, energy optimization is a priority issue for our organization, for which we have structured an Energy Efficiency Program that seeks to diversify our energy matrix to make the transport process more efficient.

To achieve energy efficiency and transformation, we have structured and evaluated renewable energy projects, such as photovoltaic generation parks, with the purpose of replacing the consumption of crude fuel as an energy source, reducing operating costs and greenhouse gas (GHG) emissions.

GRI 103-3

How do we assess it?



To monitor the company's energy consumption, we have a tool that measures the amount of energy consumed, costs and emissions at all stations in the system. In this way, we optimize the operation under a maximum number of operating units per station, according to the target flow determined in the pumping program.

In the same way, we evaluate our energy management in two aspects:

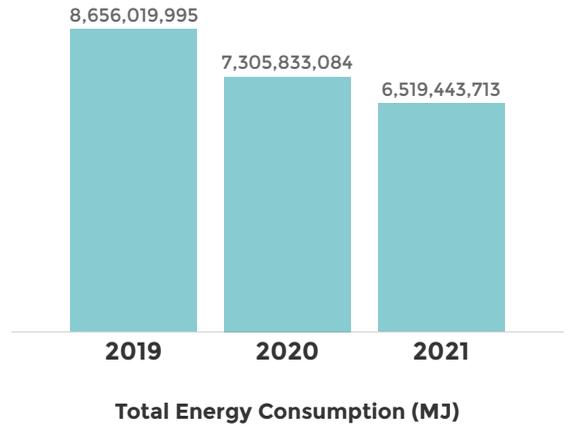
- Energy consumption: we identify the deviation of consumption from a baseline calculated for the planned flow, following the methodology defined in ISO 50001.
- Energy rate costs: based on contracts and market trends for energy sources used at pipeline stations.



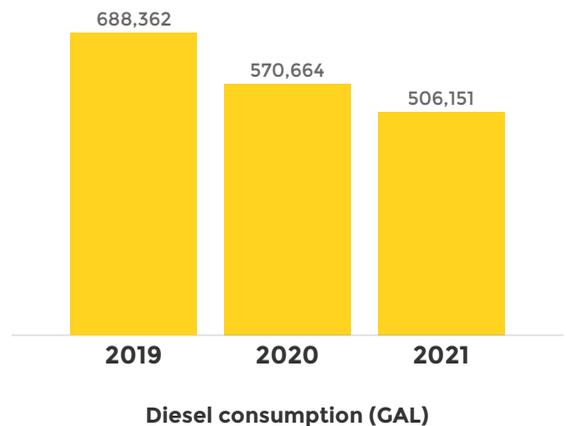
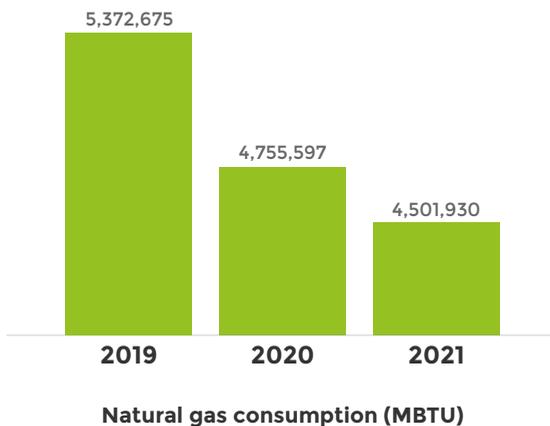
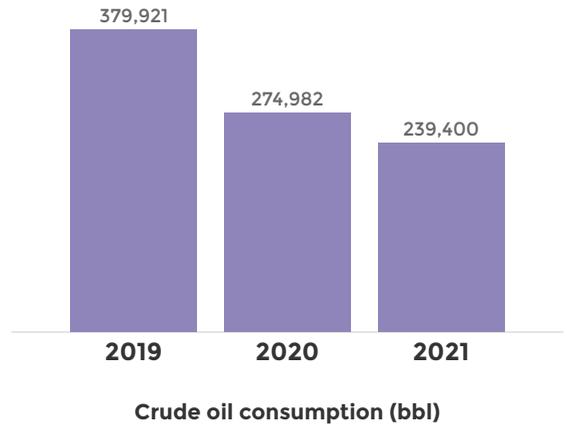
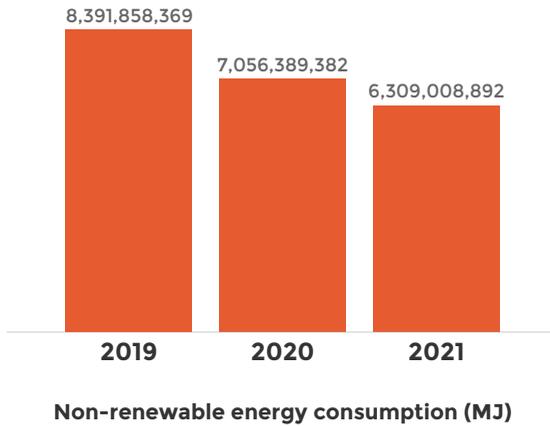
GRI 302-1

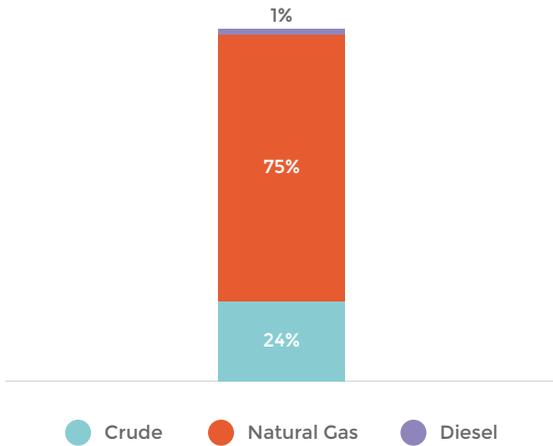
Energy Consumption

The total energy consumption within our company was 6,519,443,713 MJ, which represents a decrease of 10.7% compared to 2020 consumption thanks to the implementation of different initiatives such as the Flexible Operating Model. This value is composed of 96.8% of the total energy consumed from non-renewable sources (6,309,008,892 MJ) and 3.2% of energy consumption from renewable sources (210,434,821 MJ).



Consumption of fuels from non-renewable sources⁴⁸



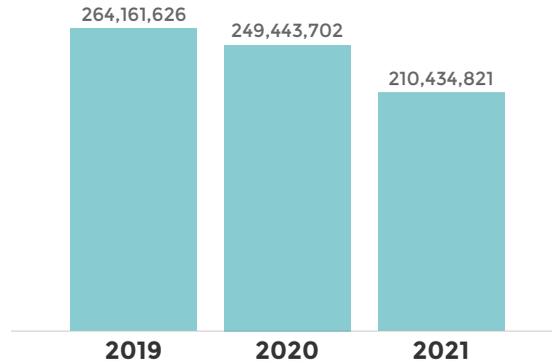


Distribution of energy consumption by non-renewable sources in 2021

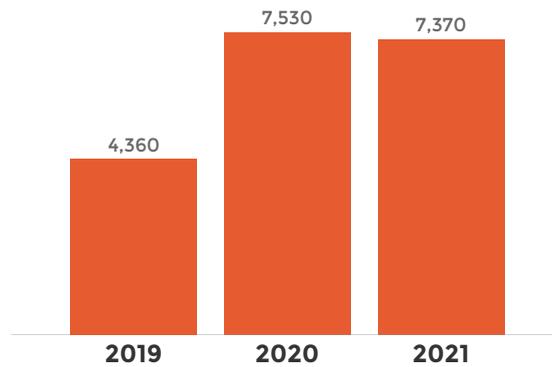
The consumption of energy from non-renewable sources is used 80% for the pumping activity by the stations of the system and the rest is used for auxiliary processes and services.

It is important to note that, thanks to an analysis of loads and powers carried out in El Porvenir – a station that has 4 generating turbines – the possibility of keeping one of the 3MW turbines off for some periods of time was identified. This suspension implies that the remaining three turbines have a higher load, maintaining the same level of energy consumption, thus increasing the overall efficiency of the system.

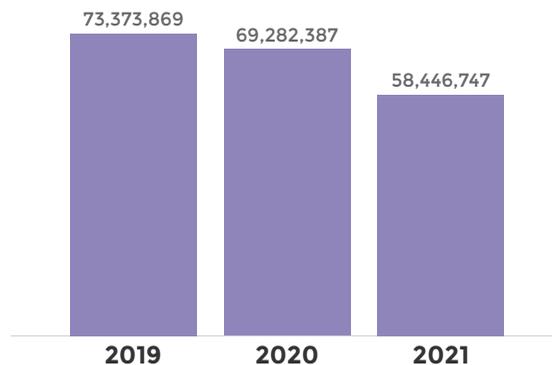
Consumption of fuels from renewable sources



Energy consumption from renewable sources (MJ)



Solar energy consumption (kWh)



Electricity consumption (kWh)

48. Crude oil measured in barrels of oil, natural gas measured in thousands of British thermal units and diesel measured in gallons.

Consumption of renewable sources also decreased by 15.6 percentage points. Within the calculation of these sources, we include the consumption of electricity, taking into account that 70% of the electricity in Colombia is generated from hydroelectric plants⁴⁹.

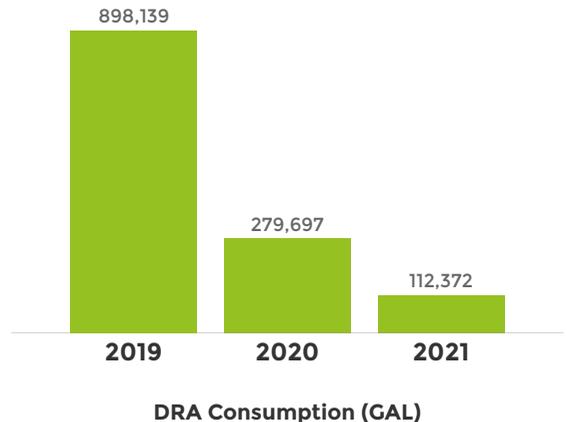
In 2021 we invested USD 2,912,165 in the development of renewable energy projects.

These resources were used to complete the RECVA (Vasconia Energy Recovery) project and to complete the second phase of the SOLARCOV (Solar Energy in Coveñas) project. The total self-generated solar energy in solar parks in 2021 was 7.37 MWh⁵⁰, and is mainly used to supply the consumption of internal and administrative operation, such as lighting and backup equipment at the station.



Energy Efficiency

At Ocenca we constantly seek to optimize our processes to increase energy efficiency. For this reason, we have a daily control system for the injections of DRA (drag reducing agent), a polymer reducing pressure loss by friction in the pipe that allows increasing the number of barrels pumped using the same amount of energy (same pressure head). In this way, we optimize energy consumption with respect to cost, according to the number of barrels per day that must be pumped according to the dispatch schedule. Because the amount of oil transported decreased due to lower flow in the segments, DRA consumption was also reduced.



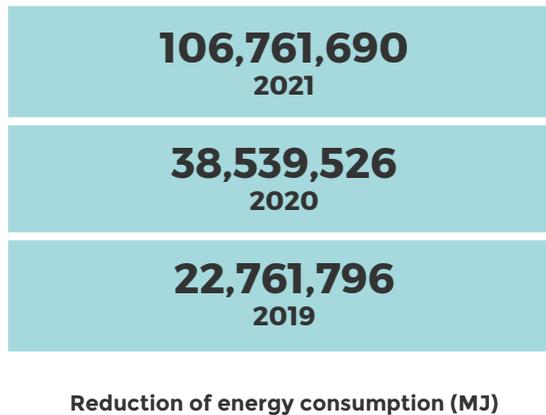
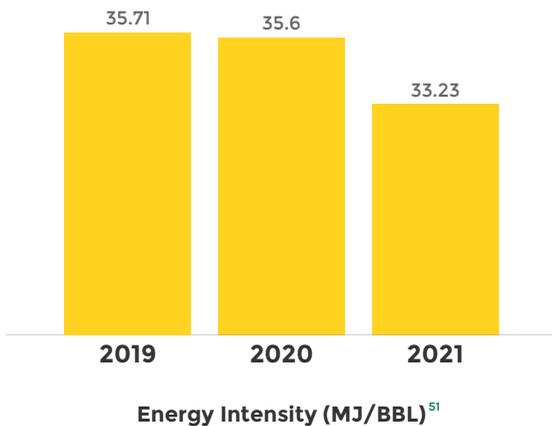
49. Information collected from the Mining-Energy Planning Unit (UPME).

50. These energy projects will come into operation in 2022 and 2023, respectively, which is why solar generation is still small.

GRI 302-3

Energy intensity indicates the amount of energy needed to transport the equivalent of one barrel of crude oil (BBL) through segment II of the pipeline. This value is calculated from the total energy consumed in the year on the total barrels pumped by this segment and serves to show the relationship between energy consumption and the volume of economic activity.

In 2021, our energy intensity was 33.23 MJ/BBL; this means that we consume 33.23 MJ in all types of energy (crude fuel, natural gas, diesel, electricity, and solar energy) for each barrel transported. The reduction in the annual values of energy intensity is a sample of the management that the company has been carrying out to increase the efficiency of the transport of crude oil.



GRI 302-4

Thanks to our management and initiatives, we managed to reduce 106,761,690 MJ⁵² of our energy consumption. This is because, in 2021, the implementation of the Flexible Operation Model increased pumping efficiency at the station with the highest consumption of liquid fuel, the Miraflores station, and at the El Porvenir station, by removing a turbine from operation for certain periods of time.

51. Ratio of total energy consumption expressed in MJ of all energy sources in one year to total barrels transported through segment 2 as a reference segment.

52. The reduction only derived from activities and initiatives is presented, the reduction derived from lower volumes transported is not included.



Initiatives that drove energy management and transformation in 2021

Flexible Operating Model

We invested **USD 14,105⁵³** to increase the operational and maintenance efficiency of the pumping system. This initiative, in addition to reducing energy consumption, reduced variable energy costs to USD 298 thousand, preventive maintenance costs by USD 206 thousand and reduced emissions by 1.6 kt of CO₂eq. In addition, it allows maintenance planning based on energy performance, such as the identification of passes in recirculation valves by detection of higher consumption in certain units of the Miraflores station.

Bifuel system at Caucasia station (CCA)

We reduced the consumption of liquid fuel by gas, increasing the replacement of the Bifuel system of the Caucasia station, reducing operational costs by USD 73 thousand and reducing 330 tons of CO₂eq emissions.

Thanks to all the initiatives implemented, in 2021 we reduced our emissions in 7,000 tons of CO₂ equivalent.

Live pumping

We took advantage of the gas rate difference between the Cusiana and El Porvenir stations (Cusiana has a lower gas rate), allowing a pumping stage that used crude fuel to be taken out of operation. This change produced a saving of USD 234 thousand dollars and a reduction in emissions by 422 t CO₂eq.

EPO generation efficiency

Increase the efficiency of the generation process at the El Porvenir station, with the analysis and monitoring of the set of turbines online. Thanks to this initiative, we saved USD 445 thousand dollars and reduced emissions by 4.7 kt of CO₂eq.

Proyectos 2021

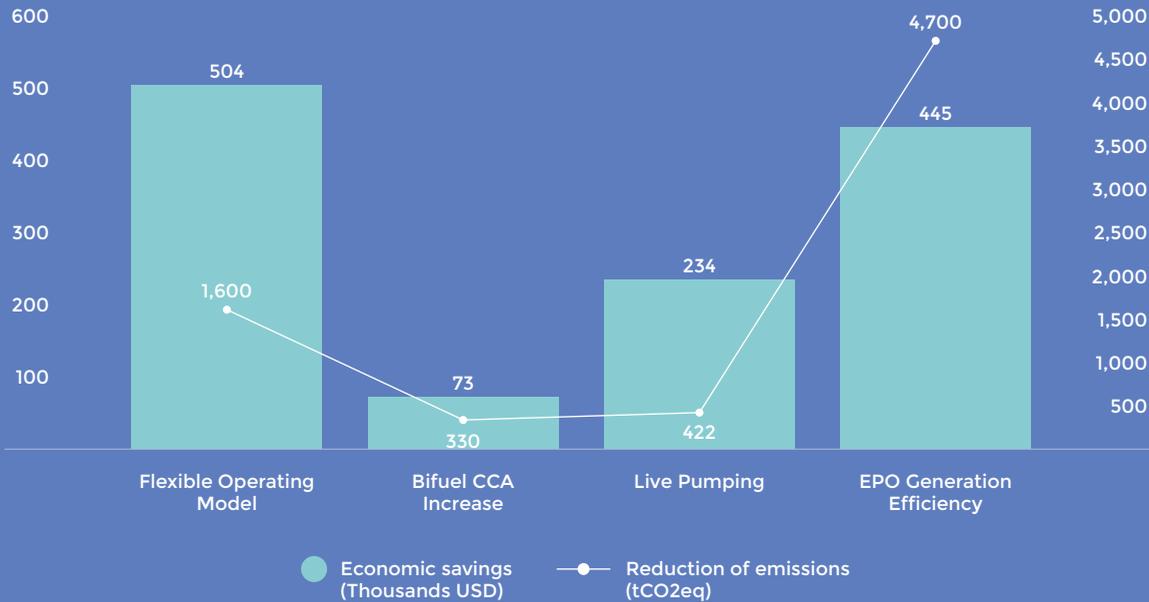
ENERGEPO

A joint project with Cenit, with the support of Ecopetrol, which seeks to reduce emissions by replacing fossil sources with electrical connections, replacing the consumption of fossil sources with electricity at the El Porvenir station, which has a greater participation in Ocesa's emissions inventory. During phase 2, we invested USD 135.7 thousand.

Parque Solar Coveñas

Diversify the energy matrix with the inclusion of photovoltaic energy. Board approval was reached to continue with Phase 3 of the project

53. The reference rate used for this conversion was \$3,743.09.



Outstanding energy efficiency initiatives in 2021



Where are we heading?

In the short term:

- We will launch the RECVA (Vasconia Energy Recovery) project, which has the capacity to generate 2.2 MW of energy from renewable sources.

In the medium term:

- We will supply our operation from the installation of 10 MW of photovoltaic solar energy through our energy efficiency projects in Vasconia and Coveñas.
- We will gradually replace the consumption of fossil source with electricity taken from the National Interconnection System (SIN) at the El Porvenir station.

We are aware that our industry must be profoundly transformed to respond to the challenges we face as a global society. That's why starting 2022 Ocesa will be carbon-neutral.

6.3 Climate Action



GRI 103-1

Why is this topic important?



For Ocesa it is essential to identify and implement alternatives to control, minimize and prevent emissions into the atmosphere, thus aligning with the best practices of the industry, ensuring the continuity of our operations and contributing to the environment. Additionally, we consider the national (NDC) and international (Paris Agreement) commitments as a fundamental part of the criteria to establish goals and management guidelines that allow us to adapt our operations to the regulatory frameworks that arise to materialize these commitments.

GRI 103-2

How do we manage it?



At Ocesa we are committed to mitigating and adapting to the risks of climate change to leverage the resilience of the business and reduce the vulnerability of the operation.

For this reason, we have a climate change program that seeks to quantify, mitigate and offset Greenhouse Gas (GHG) emissions, which allows us to define actions to reduce the level of impact of our operations.

GRI 103-3

How do we assess it?



For the calculation of GHG emissions, the GHG Protocol and ISO 14064-1:2006 are used as a methodological reference, using their own tool for the calculation. The fuel emission factors have been taken from the Mining-Energy Planning Unit (FECOC, 2016) and the others from the Intergovernmental Panel on Climate Change (IPCC).

- The emission factor is used for electricity that is officially established for the country, by the UPME in 2020.
- All global warming potentials from the IPCC's AR5 report are used.
- At the moment there is no regulatory limit in Colombia for GHG emissions.



Our plan to mitigate and achieve the reduction of GHG emissions

SASB EM-MD-110A.2

Short Term

- Quantify scope 1 and 2 emissions.
- Verify the measurement by an independent third party.
- Expand the calculation of GHG emissions including scope 3.
- Promote and strengthen development of GHG emissions mitigation and compensation projects.
- Strengthen the company's climate change adaptation program.

Long Term

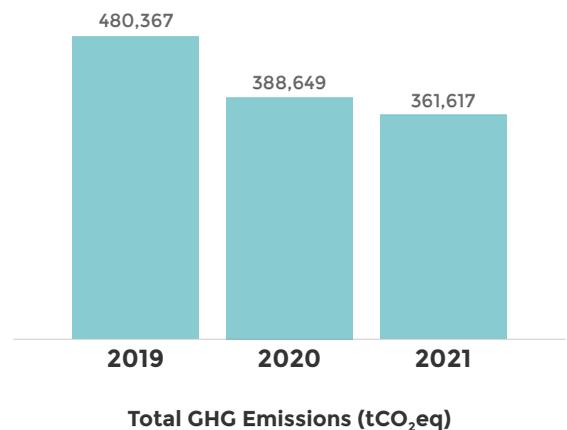
- Diversify the energy matrix, from conventional sources to renewable energy and connectivity to the national electric grid.
- In line with the national and international initiatives to fight deforestation, Ocesa expects to implement reforestation projects.

GRI 11.2

Ocesa is one of the first companies in the sector to have a verified inventory of GHG emissions, which has allowed to establish a baseline of comparison and project the emissions of the organization in order to propose goals that are aligned with national and international commitments on climate change. This is why the company has aligned its objectives with those established by Colombia within the framework of its NDC, the Paris Agreement and the Grupo Ecopetrol.

In our commitment to the planet, we have conducted a review of this goal under the methodology of science-based objectives, finding that the proposed values are more ambitious than those resulting from applying the Absolute Contraction Approach for 2°C, implying that the organization's commitment exceeds what is required to align with the Paris Agreement.

Aware of our impact and committed to mitigating our carbon footprint, we have made efforts to measure, monitor and reduce direct greenhouse gas (GHG) emissions generated in our operation.

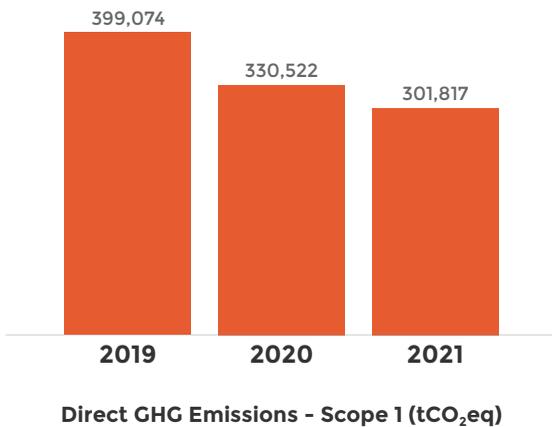


Our commitment is to reduce scope 1 and 2 emissions by 51% by 2030 (establishing 2019 as base year) and reach 12 MW installed from renewable sources by 2030.

GRI 305-1, SASB EM-MD-110A.1

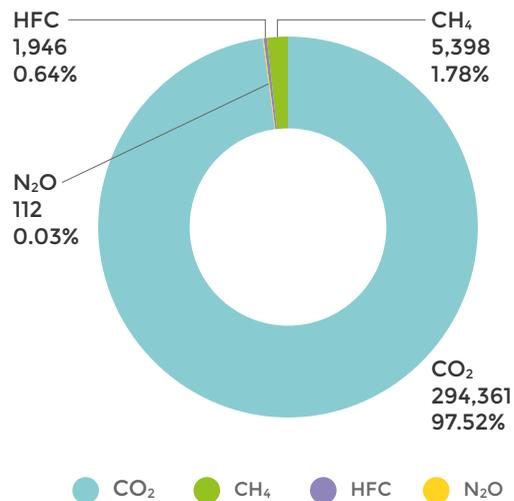
Direct GHG Emissions (scope 1)⁵⁴

Scope 1 of our emissions covers the consumption of liquid, gaseous fuels and GHG leaks in the transport of crude oil. As a result of energy efficiency and resource use optimization initiatives, during 2021 we achieved an 8.68% reduction in gross global scope 1 emissions compared to 2020. We also highlight the reduction of 24.37% compared to 2019.



In our company, we also understand the importance of identifying the type of emissions in order to make more effective strategies; this is why the total calculation of emissions includes carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O) and hydrofluorocarbons (HFC)⁵⁵.

t CO ₂ eq	2019	2020	2021
CO ₂	390,229	323,516	294,361
CH ₄	5,952	5,940	5,398
N ₂ O	135	119	112
HFC	2,755	2,755	1,946



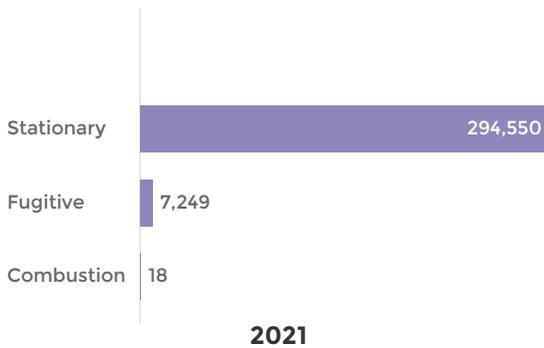
Distribution of GHG emissions by type (2021)

54. Estimated values are reported with the information available at the date of the report, not verified by a third party.

55. We do not generate Perfluorocarbons (PFCs), Sulfur Hexafluoride (SF₆) and Nitrogen Trifluoride (NF₃).

The percentage of methane (CH₄) relative to other Scope 1 emissions was about 2% in 2021. This increase in the proportion of tons of CO₂ equivalent of CH₄ with respect to the total number of emissions increases because the decrease in CO₂ emissions increases the percentage of participation of the rest of the gases.

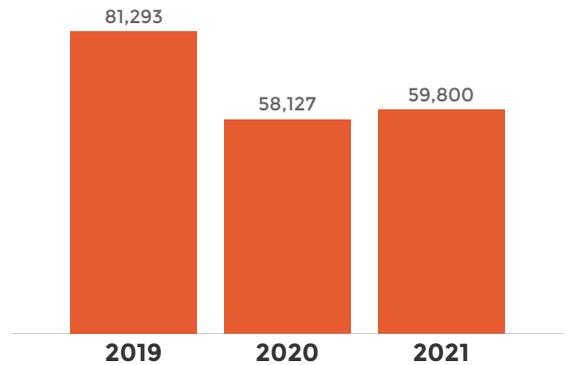
The company's direct emissions (scope 1) come mainly from stationary sources (liquid and gaseous fuels), followed by fugitive and mobile combustion sources.



Breakdown of direct GHG emissions by type of source (tCO₂eq)

GRI 305-2
Indirect GHG Emissions (Scope 2)

For 2019 and 2020, total indirect emissions⁵⁶ as a result of the acquisition of electricity from the national interconnected electricity grid, used in the operation of the equipment and operations of the stations La Belleza, Caucasia, Coveñas, Cupiagua, Cusiana, Miraflores, Vasconia, and in the administrative headquarters, were:



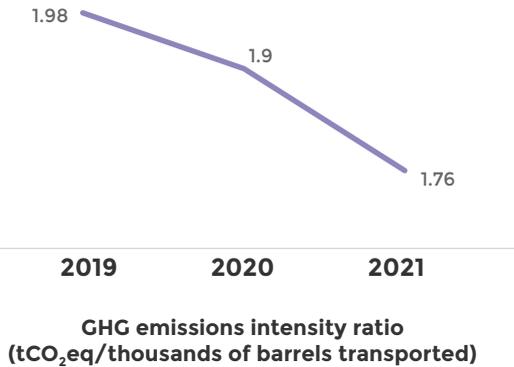
Total indirect GHG emissions - scope 2 (tCO₂eq)

⁵⁶ For the calculation of indirect scope 2 emissions, which cover power generation, the 2020 emission factor is used for the National Inter-connected System, considering that there is no more recent update at the time of publication of this report.

GRI 305-4

GHG Emission Intensity Ratio

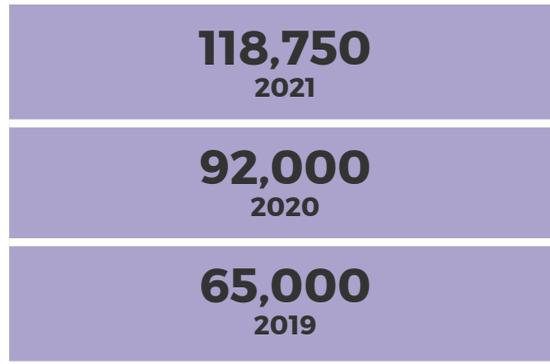
In order to know the carbon intensity of our operations, we calculate the intensity ratio of GHG emissions, corresponding to the emissions of the oil transport of the pipeline. The calculation is made by taking the absolute figure of GHG emissions divided into estimated data of the crude oil transported or pumped into the pipeline. The following GHGs are included: CO₂, CH₄, N₂O, HFC, PFC, SF₆ y NF₃⁵⁷.



GRI 305-5

Reduction of GHG Emissions

We have reduced GHG emissions in 2021 compared to the base year (2019) by the following amounts:



Reduction of GHG Emissions (tCO₂eq)

This reduction includes scope 1 and 2⁵⁸, and corresponds to the implementation of energy efficiency projects, the optimization in the use of resources and the lower volumes of crude oil transported.



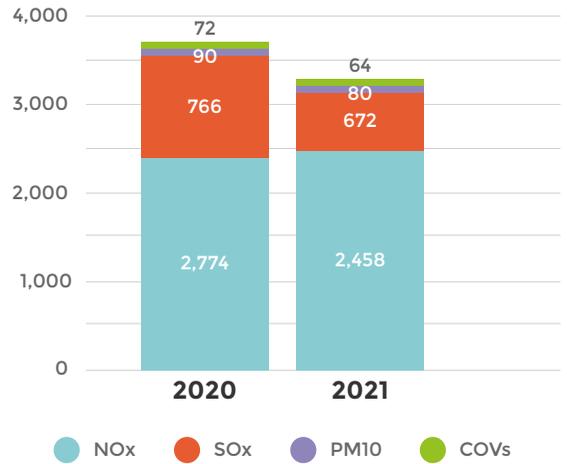
57. For the reporting year, no PFCs, SF₆s and NF₃s were generated.

58. For 2021, in Scope 2 there was no reduction with respect to 2020, but there was with respect to the base year 2019.

SASB EM-MD-120A.1, GRI 305-7

Nitrogen oxides (NOx), sulphur oxides (SOx) and other significant air emissions

For the calculation of the emissions of each of the air pollutants referred to, the factors provided by the AP-42 of the United States Environmental Protection Agency are used.



NOx, SOx and other significant air emissions (tCO₂eq)





Initiatives that drove our climate action in 2021

Decarbonization Plan

SASB EM-MD-110A.2



Participation in the call for the National Carbon Neutrality Plan

We participated in the call of the Ministry of Environment and Sustainable Development within the framework of the National Carbon Neutrality Plan, obtaining recognition for the commitment in the management of GHG emissions by establishing voluntary goals and commitments to reduce emissions.

Verification of our emissions inventory

The verification of the inventory of the base year 2019 was 480,366.5 tCO₂eq/year, for the year 2020 the verification was 392,483.6 tCO₂eq/year and for the year 2021, saving the assessments previously made, it is estimated to have a total of 361,617 tCO₂eq/year, which implies that a reduction close to 118,750 tCO₂eq/year has been reached with respect to the base year.



Monitoring our commitments 2020-2021

CHALLENGE	COMPLIANCE	DESCRIPTION
Update the Climate Change Adaptation Plan under the guidelines of the Ministry of Mines and Energy.		The methodologies and tools of the Ministry of Mines and Energy are aimed at organizations with physical facilities located in specific places, and not linear facilities such as an oil pipeline, however, we implemented some of the measures proposed in the plan, such as water resource management, awareness of climate change in operations, reforestation, among others.
Potentiate the development of mitigation projects that contribute to the reduction of emissions of the organization.		We established the Energy Program and Decarbonization Plan of the Organization.
Advance the company's goal of reducing emissions for the period 2021-2023.		We managed to reduce 118,750 tCO ₂ compared to the base year 2019.

Where are we heading?



In the short term:

- We will be carbon-neutral, taking into account the methodological guidelines of the ICONTEC Neutrality Guide; we will have the verification of emissions and we will implement GHG offsetting with carbon credits, among others.
- We will measure scope 3, taking into account the methodological guidelines proposed by the Business Group.
- We will plant at least 10,000 trees per year.

In the long term:

- We will reduce the company's scope 1 and 2 GHG emissions by 51% by 2030.
- We will reduce the use of fuel or its replacement by electricity from centralized or isolated grids with lower emissions.
- We will use renewable energy at the prioritized pumping stations and the marine terminal.
- We will certify the Energy Management System.
- We will consolidate the climate strategy.

Facing the threat of human activity to biodiversity and ecosystems, we innovate in environmental compensation schemes and mandatory investment of 1%. Our goal in restoration and conservation projects in the Eastern Plains and the Gulf of Morrosquillo is to achieve effective results, investing responsibly, measurable, and sustainably, with high technical standards and in alliance with independent actors, with extensive experience and credibility in the environmental sector.

6.4 Biodiversity



GRI 103-1
Why is this topic important?



We are aware of the importance of biodiversity and ecosystem services in our operations, and to anticipate the quantity and magnitude of the impacts we generate, **we work to conserve and care for the ecosystems directly related to our activities.**

Only with planning is it possible to regulate the climate, provide clean water, support the formalization of soils, and guarantee life and social and economic progress. We know that along the 836 km of the pipeline, from Cupiagua to Coveñas, we cross multiple ecosystems, and we are committed to prevent, mitigate, reduce, control, recover and offset for any impact that our operation may have on soil, water, forests and habitats.

GRI 103-2
How do we manage it?



Our management is framed within the Environmental Management Plan (EMP), which involves assessing the impacts generated by our operations and implementing actions focused on reducing environmental impacts on ecosystems through the application of technologies, such as monitoring systems for natural hazards, water saving systems and domestic and industrial wastewater treatment, and pipeline maintenance activities.

We have an Environmental Management System (EMS) certified by SGS Colombia in ISO 14001: 2015, which covers all the company's operations and employees. In addition, we adhere to the provisions of Environmental Licenses LAM 0318 (Resolution 952/1995 and Resolution 1095/2012) and LAM 1226 (Resolution 0201/1997) and their respective EMP.

In addition, we work hand in hand with national authorities to validate offsets for ecological projects with the greatest impact on the regions, which allows us to protect fauna and flora and conserve ecosystems. We also carry out reforestation offsets in the different municipalities where we operate, thus contributing to the conservation of areas and ecosystem services.

GRI 103-3
How do we assess it?



To ensure the effectiveness of our management, we conduct monthly monitoring and reporting where we assess the status of compliance with environmental offsets, and measure management through areas within or near strategic ecosystems, protected and restored habitats, presence of Red List species, among others

SASB EM-MD-160A.1

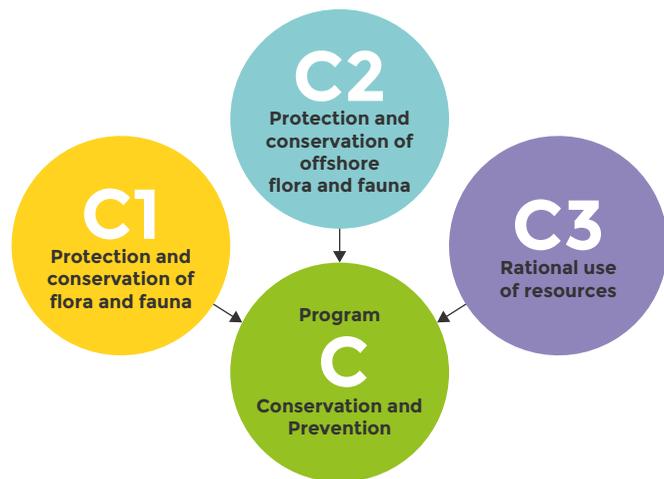
At Ocesa, we go beyond legal and regulatory compliance, differentiating ourselves in the market through best practices in environmental care and conservation. An essential part of this commitment involves identifying risks and opportunities to prevent or reduce the level of impact on the business and the environment. Through the EMS we have established the following actions or management tools:

- **Procedure for the identification of environmental aspects and impacts:** Establishes the guidelines, responsibilities and methodologies to identify and evaluate environmental impacts and determine the controls to prevent, minimize or offset the effects that we may cause.
- **Matrix for the identification of environmental aspects and impacts:** Relates the processes and activities developed by both our employees and workers to determine the actual and potential impacts to the environment derived from our operation.
- **Life Cycle Matrix:** Identifies the significant environmental aspects that we can control and those that we can influence, considering operational changes, new products, services or markets.
- **Environmental Management System Manual:** Defines the elements, guidelines and responsibilities to achieve continuous improvement of environmental management at Ocesa.
- **Environmental performance measurement:** Involves internal audits and periodic reviews to verify compliance with environmental systems and practices.

Our pipeline has the corresponding environmental permits from national authorities to operate. Any type of intervention that affects any type of ecosystem contains the corresponding offset measures defined under criteria of representativeness, rarity, remanence and transformation rate, together with the competent authorities. These measures are aligned with the Biotic Component Offset Manual of the Ministry of Environment and Sustainable Development, pursuant to Resolutions 1517/2012 and 0256/2018.

In addition, the EMP contains programs and data sheets for the prevention, mitigation and control of fauna and flora, as well as management of vegetation removal and clearing, forest harvesting, habitat conservation, offsetting, recovery and restoration of areas, landscape affectation, among others. Along these lines, we always try to make the required environmental offsets with species native to each region, avoiding as much as possible the use of exotic or invasive species.

Our efforts to conserve and protect biodiversity and ecosystems are framed within Program C of the EMP:



Through this program, we seek to ensure proper management and protection of flora, fauna and an adequate interaction with ecosystems that may be associated with our operation, maintenance and/or hydrocarbon loading activities, in order to avoid:

1		Habitat alterations
2		Landscape transformations
3		Species migration
4		Low efficiency in the use of water
5		Deterioration of aquatic ecosystems
6		Soil disturbance

In 2022, we will continue to work for the preservation of ecosystems through environmental offset activities and 1% investment and environmental monitoring of fauna, ensuring harmony with the environment, formalizing this objective in the company's Biodiversity and Ecosystem Services Program.

GRI 102-11

At Ocesa, we have a maintenance program (handling of identified threats with their corresponding evaluation and monitoring) in which we implement the precautionary approach, which allows us to detect anomalies in the pipeline and carry out the needed corresponding maintenance to contribute to the prevention of oil spills and manage possible impacts on the environment. This program, composed of mitigation and control actions, allows the organization to ensure timely management by preventing risks and impacts that may affect the environment.

SASB EM-MD-160A.4

During 2021, we had 3 contingencies⁵⁹ with a total of 15,90 barrels spilled, managed timely and satisfactorily. Thanks to our efforts to have a robust emergency system, all events were handled immediately and in accordance with the measures of the Contingency Plan established by Ocesa, which prevented the occurrence of negative impacts on the ecosystems present at each site. We also conducted environmental monitoring to verify the state of the ecosystems during and after the implementation of the cleaning and hydrocarbon collection measures.

GRI 304-1, SASB EM-MD-160A.2.

According to the National Single Origin CTM12, we have identified a total of **0.44 km²** as **strategic ecosystems**, corresponding to 1.88% of the total areas of our operation, including:

⁵⁹ One event is related to a non-primary contingency that occurred in 2018. For more information see GRI Index.

<p>Páramo de Mamapacha y Bijagual</p>	<ul style="list-style-type: none"> • Located in the municipalities of Garagoa, Chinavita, Ramiriquí, Tibaná, Ciénega and Viracachá, with a total area of 25,103.87 hectares. • It is classified as a protected area with sustainable use of natural resources according to the SINAP/IUCN category.
<p>Pantanillo</p>	<ul style="list-style-type: none"> • Located in the municipality of Monquirá, with a total area of 8.44 hectares. • It is classified as a protected area with sustainable use of natural resources according to the SINAP/IUCN category.
<p>La Zambra</p>	<ul style="list-style-type: none"> • Located in the municipality of Otanche, with an area of 318.78 hectares. • It is classified as a Civil Society Natural Reserve according to the SINAP/IUCN category.
<p>Serranía de las Quinchas</p>	<ul style="list-style-type: none"> • Located in the municipalities of Otanche and Puerto Boyacá, with a total area of 21,227.91 hectares. • It is classified as a protected area because it is a Regional Natural Park according to SINAP/IUCN.
<p>Ciénaga de Barbacoas</p>	<ul style="list-style-type: none"> • Located in the municipalities of Yondó and Puerto Berrío, with a total area of 32,074.86 hectares. • It is classified as a protected area with sustainable use of natural resources according to the SINAP/IUCN category.

Note: National System of Protected Areas (SINAP) / International Union for Conservation of Nature (IUCN).

We are committed to ensuring the conservation, care, and progress of these ecosystems, recognizing that they are of great value for biodiversity and provide essential ecosystem services to society.

GRI 304-2

At Ocesa, we identify the actual and potential impacts of our operation through an impact identification and evaluation matrix required by the environmental authorities. We also have a tool aligned with ISO 14001, which allows us to evaluate the nature and magnitude of possible environmental impacts that may result from our activities.

During 2021, we did not identify any significant impacts that would greatly affect⁶⁰ biodiversity and we had a 100% compliance in the Environmental Legal Compliance Index (ICLA).



⁶⁰. The intervened/affected area is considered, as well as the results of the water monitoring, which are within the permissible limits.

GRI 304-3

Restored areas under our direct supervision

	2019			2020			2021			
	0.06 km ²	0.2 km ²	0.05 km ²	0.06 km ²	0.2 km ²	0.05 km ²	0.24 km ²	0.3 km ²	0.168 km ²	0.36 km ²
Location	Páez	Chiquillo	Granjita	Páez	Chiquillo	Granjita	Páez	Chiquillo	Granjita	Coveñas

During 2021, we carried out the offset of a total of 1.06 km² in the areas required by the different environmental authorities, as well as wildlife monitoring, in accordance with the environmental license.

Leveraging the potential of partnerships with third parties to expand the scope of our positive impacts to the environment, during 2021, we maintained five strategic partnerships to protect biodiversity:

Partnership	2021 Results
Terrasos – Banco de Hábitat	5-year partnership for the conservation and protection of 215.05 hectares of natural forest in San Martín, Meta.
Omachá Foundation	Recovery of 36 hectares of mangrove forest in San Antero, Córdoba.
Ecoplanet	Offset of 15.5 hectares along the pipeline.
Agreement with the Mayor’s Office of Remedios	Offset of 19.2 hectares
Agreement with the Mayor’s Office of Ramiriquí	Offset of 943 trees

As a sign of our commitment, during 2021, we invested USD 1,162,877⁶¹ in activities aimed at protecting and restoring biodiversity.

Through these activities, we have reforested 46.6 hectares, with more than 36,000 trees planted and about 72.72 tCO₂ absorbed up to the moment of their establishment, with an oxygen production of 52.92 t, enough for the consumption of 26,198 people in a day or for 71 people in a year, approximately.

⁶¹. The reference rate used for this conversion was \$3,743.09.

In addition, 36 hectares of mangroves are being recovered in Cispatá Bay, an ecosystem that functions as a carbon sink, that is, it removes and stores carbon from the atmosphere. In fact, mangroves are particularly productive and store more carbon per unit area than other tropical forests⁶².

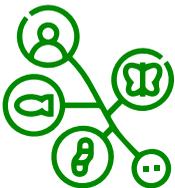
GRI 304-4

The different ecosystems through which the pipeline crosses may be inhabited by species in some degree of threat, so during 2021, we will conduct monitoring in the area of influence of the Páez, Chiquillo and La Granjita stations to identify and record these species and apply the conservation measures established in the Environmental Management Plan.

This fauna monitoring allows us to identify the species present in the area of influence of the stations. It is important to mention that these species are

not affected by our operations, which is why we only carry out monitoring and evaluation activities. With respect to flora, the species reported come from the forest inventories carried out to request the necessary environmental permits for the development of maintenance and operation activities. These inventories allow us to know the flora associated with the pipeline and make the offsets required by the environmental authorities with species native to the area; in the event of intervening a species with some degree of threat, we always try to plant the same species as part of the offsets.

According to the International Union for Conservation of Nature (IUCN) Red List and national conservation lists, we identified the presence in our direct area of influence of 14 species of fauna and flora with some type of threat and 30 species of flora of lesser concern.



Category	2019	2020	2021
Critically Endangered	0	0	1
Endangered	0	1	5
Vulnerable	0	4	8
Near Threatened	0	1	0
Least Concern	0	0	30

- Critically endangered** CR
Ateles hybridus
- Endangered** EN
Cebus versicolor
Sylvilagus cf. Brasiliensis
Sylvilagus brasiliensis
Cedrela odorata
Bulnesia arbore
- Vulnerable** VU
Chelonoidis carbonarius
Ramphastus vitellinus
Tayassu pecari
Saguinus leucopus
Myrmecophaga tridactyla
Lontra longicaudis
Saguinus leucopus
Trachemys callirostris

62. For the calculation of CO₂ absorbed by the mangrove forest, an allometric equation is used that is different from the other forest types, which requires data on independent variables such as height, diameter and wood density. Since there are currently propagules present, in other words, parts of a plant capable of vegetatively originating another individual, the calculation will not be made until the organisms are older.



Initiatives that boosted biodiversity in 2021

Compliance with the 1% investment through the Banco de Hábitat

Through the Banco de Hábitat del Meta we promote the restoration and conservation of ecosystems, generating a positive impact on biodiversity and ecosystem services. Through this initiative, which began in 2020 and will end in 2025, we will replace artificial land cover with natural land cover, increasing forest and savannah cover through restoration, and conserving those forests and savannahs that are in good condition, protecting areas identified as important for water regulation.

Thanks to an investment of **USD 708,062.4⁶³** during 2021, we were able to, among other things, sow plant material, carry out invasive plant control, build nurseries and produce seedlings, condition access roads, monitor the flora, carry out phytosanitary controls, carry out fertilization and build a water extraction point. All these activities helped protect the natural forests and savannas, as well as the water sources and fauna and flora species, and also contributed to local economic development.

Mangrove rehabilitation

Together with the OMACHA Foundation, we carried out the ecological rehabilitation of 36 hectares through the recovery of environmental conditions that benefit the mangrove ecosystem and its services in Cispatá, Córdoba.

With an investment of **USD 73,828.9⁶⁴** during 2021, we carried out the characterization of the recovery area, designed the monitoring plan and opened several mangrove channels.

In the mangrove, there are a series of natural channels that are responsible for facilitating the hydrological dynamics of the site, functioning as the arteries of the ecosystem. Therefore, the obstruction of these channels directly affects the functioning of the habitat, increasing the formation of saline substances. Due to this, Ocesa is recovering 36 hectares of salt marshes by opening the pipes that free water flows in the area, thus restoring the natural dynamics of the ecosystem. Additionally, the recovery of this mangrove forest also restores its function as a carbon sink, being a particularly efficient ecosystem in capturing and storing atmospheric carbon, compared to other tropical forests.

63. The reference rate used for this conversion was \$3,743.09.

64. *Idem.*



Where are we heading?

As a sign of our commitment to protect the environment, in the short term we will integrate biodiversity components into the Corporate Strategic Framework to strengthen management towards the preservation, care and offset of biodiversity and its ecosystem services. We will also strengthen ecological components:

- We will structure a program for the identification and recognition of areas with strategic importance for biodiversity to design the corresponding management plans, as well as environmental aspects and impacts, considering the Red List of Threatened Species of the International Union for Conservation of Nature.
- We will capture new opportunities to homologate the offsets made within the framework of strengthening projects, hand in hand with the national authorities.
- We will carry out fauna monitoring at all stations to follow up on fauna species categorized as of least concern, vulnerable, endangered, and critically endangered. We will also identify flora species present in these categories.



Building a circular and efficient economic system is one of the main challenges we face as a society. Reducing the water footprint of our operation, which we measure according to the guidelines of the Water Footprint Network and reducing the non-usable waste we generate to its minimum expression, are permanent daily efforts at Ocesa.

6.5

Water Resource Management



GRI 103-1

Why is this topic important?



Responsible and appropriate management of water resources is a key element for our operations, as well as for the communities and the environment in which we operate. By reducing water consumption and contributing to its responsible use through the implementation of efficient water use and saving strategies, we can have a positive impact on the environment. The commitment to an eco-efficient operation, which reduces water uptake and discharges to the environment, avoiding or minimizing impacts in the short, medium and long term, is a priority that we share with the hydrocarbon transportation segment and the entire Grupo Ecopetrol.

GRI 103-2

How do we manage it?



The operation and maintenance activities of the pipeline may have a significant impact on the availability of natural resources or alter the physicochemical properties of water or soil due to the discharge of wastewater.

For this reason, at Ocesa, we have included in the Environmental Management System (EMS) the guidelines and standards that promote an adequate use of water resources, seeking, at all times, to avoid impacts and the occurrence of risks.

To this end, we conducted water-saving campaigns aimed at all our employees, with which we seek to strengthen a culture of self-awareness and care for water in our day-to-day operations. We have also implemented a rainwater collection system to take advantage of the resource; we use water-saving mechanisms in our offices and stations; and we carry out preventive maintenance to avoid inappropriate water use.

GRI 103-3

How do we assess it?



We measure our water footprint according to the Water Footprint Network methodology.



GRI 303-1

At Ocesa, we have five water extraction sources, which we use for operational and administrative purposes:

Water extraction sources



Surface sources		Concessions granted to the organization or the Business Group
Aqueducts		They supply the resource from surface sources to our facilities
Underground wells		Concessions granted to the organization or the Business Group
Water tank trucks		They transport the resource from authorized catchment sources
Rainwater		We capture and use the resource in more than 70% of our operating facilities.

On the other hand, we generate two types of discharges: domestic wastewater from administrative use and non-domestic wastewater, which represents the use of water in the stations. These discharges are sent to infiltration fields, either to bodies of water or to sewers, following an appropriate process.

GRI 303-2

The management of discharges to water bodies at Ocesa considers the profile of the receiving water body and is regulated by Resolution 0631/2015, through which the minimum quality criteria and maximum allowable limits are established. We also adhere to Decree 1078/2015 for the minimum quality criteria related to discharges made to the ground and, finally, we meet the specific local requirements indicated by the different Regional Autonomous Corporations (CAR) for discharges in their hydrographic basins.

In those sites where there are no specific local requirements on discharges, we adhere to the criteria and requirements demanded in the national regulations through Resolution 0631/2015 and Decree 1078/2015.

GRI 303-1

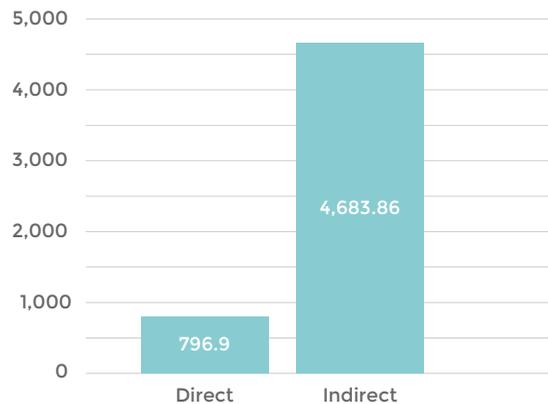
In line with our commitment to care for and preserve the water resource, at Ocesa, we carried out, for the first time, the identification of impacts associated with water through the organizational water footprint, according to the guidelines of the Water Footprint Network (WFN).

The main methodology used to develop the water impact analysis is the Organizational Water Footprint, which has been calculated under the guidelines of the Water Footprint Manual of the Water Footprint Network (WFN). This is the first opportunity in which this analysis is carried out, but consolidated reports will be developed with an annual periodicity, even though the data will be monitored on a monthly basis.

In addition, we have developed a calculation methodology that allows us to include the organization's direct and indirect blue, green, and gray footprint.

Blue footprint (direct)	⊙	We consider all of the Company's extraction sources and consumptive uses of the amount of water evaporated or not returned to the basin.
Green footprint (direct)	⊙	We consider the consumptive uses of evapotranspiration and incorporation associated with offsets calculated using FAO guidelines.
Gray footprint (direct)	⊙	We consider the discharge flows and the characterization of such discharges carried out by Ocesa.
Indirect water footprint (blue, green and grey)	⊙	It considers energy consumption and reference data from the WFN methodology.

In 2021, we measured the 2020 base water footprint produced directly by the organization's operations, including water uses associated with surface and groundwater sources (blue footprint), those associated with rainwater (green footprint) and those related to discharges (gray footprint), represented 797 megaliters of water; while those caused in the organization's value chain, mainly by the energy inputs of its operation (crude oil, diesel, natural gas and electricity), represented 4,684 megaliters of indirect water use⁶⁵.



Water footprint in 2020 (megaliters)

To reduce and mitigate possible impacts related to water consumption, we have water-saving systems, internal inspections, assurance of the rational use of resources program, and maintenance activities. We have also implemented treatment systems for domestic and non-domestic wastewater that have internal monitoring and verification activities, which allow us

⁶⁵ Suppliers' water uses and the value chain for obtaining these inputs.

to identify any deviation in a timely manner and take corrective measures to avoid alterations in the water or soil.

In addition to this, at Ocesa, we recognize that water is a limited and shared resource, so all aspects of our management consider, promote and ensure compliance with regulations, seeking to maintain harmony between our operation, the environment and stakeholders. We monitor the results of our management and identify the impacts and risks related to the resource, and we also implement controls and activities with our employees and workers in the local communities where we operate, with socialization spaces that seek to communicate the impacts, potential or actual, and ensure their alignment with our environmental management system in all the activities they perform.

During 2021, we included the Water Footprint Program within the EMS, to quantify the operation's water supply and demand.

Our stations in action

<p>Cusiana y El Porvenir We have aeration systems in the oxygenation pools to improve the quality of the water.</p>	<p>Páez We implemented systems to collect the rainwater from the roofs of the city gate and we took advantage of the surplus water of the swimming pool of control. Thanks to this, we stopped acquiring approximately 13m³ of water in the block, required monthly by the station.</p>
<p>Miraflores We optimized the rainwater collection system to capture the rain from the roofs of the powerhouses and reduce the amount of water purchased for the operation of the station.</p>	<p>La Belleza We implemented a system to collect water from the roof of the warehouse to take advantage of rainwater in the tests of contingency equipment and fire-fighting systems, managing to reduce 4m³ of water per month.</p>
<p>Chiquillo We collect and reuse the condensed water from the air conditioning packages of the electrical rooms for garden irrigation. We also collect and reuse rainwater from the roof of the warehouse for washing industrial areas and sanitary services.</p>	<p>La Granjita We take advantage of the rainwater contained in the retention pool for general domestic consumption at the station and the military base. Thanks to this, we have treated 1,090 m³ of drinking water and since June 2020 we have not purchased drinking water in tank trucks.</p>



Initiatives that boosted water resource management in 2021

Collection of rainwater at the Páez, Chiquillo and La Granjita stations

To reduce the capture of surface water and promote eco-efficient use at our stations, we collect rainwater for storage and use.



Monitoring our commitments 2020-2021

CHALLENGE

We will start measuring our water footprint, which will serve as a starting point for planning the reduction of consumption.

COMPLIANCE



Where are we headed?

During 2022 we look forward to:

- Implement 3 stations with rainwater use in recirculation.



6.6 Circular Economy and Waste Management



GRI 103-1

Why is this topic important?



Comprehensive waste management and the implementation of circularity within the Company can help prevent environmental pollution, avoiding the deterioration of natural soil, bodies of water and air quality, while reducing and taking advantage of the waste generated from daily operations. This use and reuse reduce the environmental load and also ensures regulatory compliance in the industry

GRI 103-2

How do we manage it?



Through our Environmental Management Plan (EMP) we have a program in which we define specific categories for the management of the waste we generate, including domestic solid waste, industrial solid waste, special solid waste, debris or sterile material, domestic liquid waste, and industrial liquid waste. This program also allows us to identify the types of waste and ensure their proper classification and segregation and is the starting point for establishing strategies to improve our management.

Within the framework of the Hazardous Materials Program (MATPEL), OcenSA has guidelines related to the life cycle of products framed in a matrix. These guidelines are considered in the procurement processes of goods and services in order to make more efficient use of resources, regardless of the form of linkage. Within the framework of the Environmental Management System and the Responsibility Policy, we also identify, evaluate and control the environmental aspects and impacts framed in the company's pollution prevention programs.

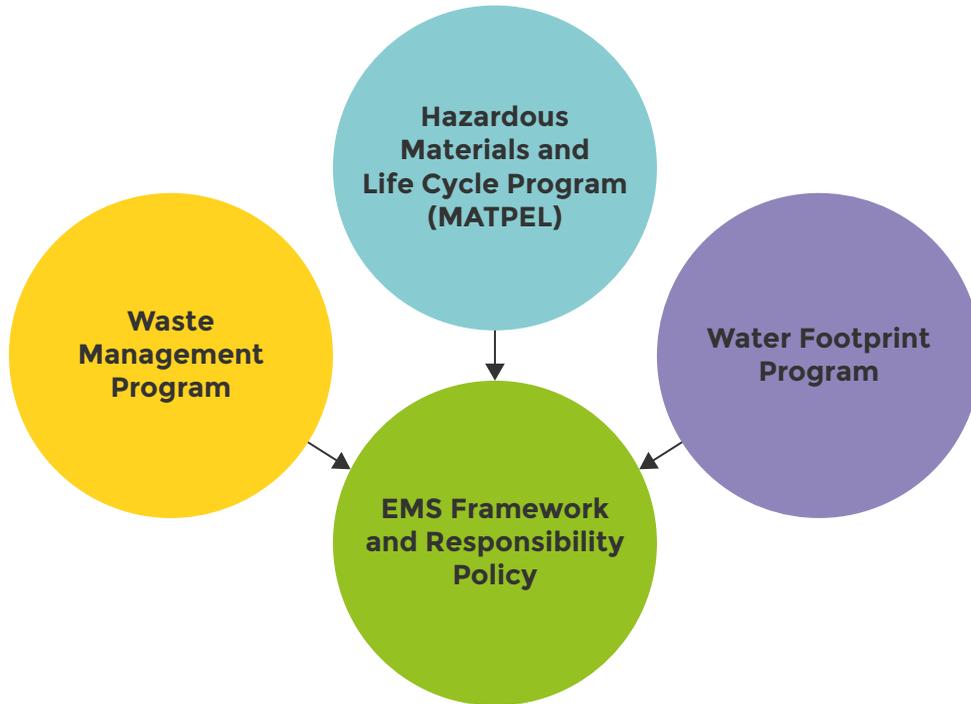
GRI 103-3

How do we assess it?



We carry out constant monitoring and controls to monitor and improve our management of the waste generated. These measures are carried out on a monthly basis and measure the effectiveness of the Environmental Management System (EMS), through indicators such as the weight of materials, origin of the waste generating activity, distribution and type of waste generated by each pipeline station, among others

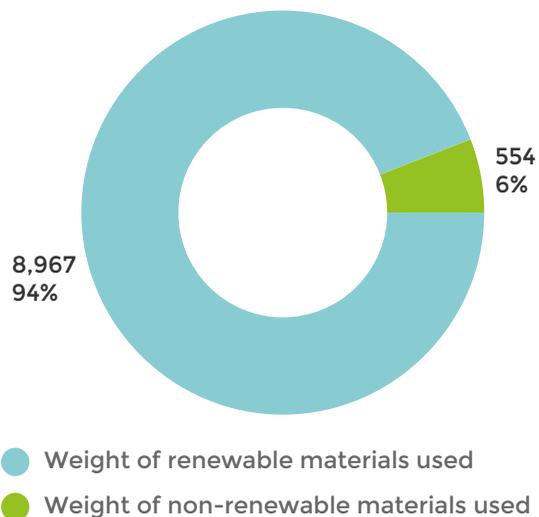




GRI 301-1

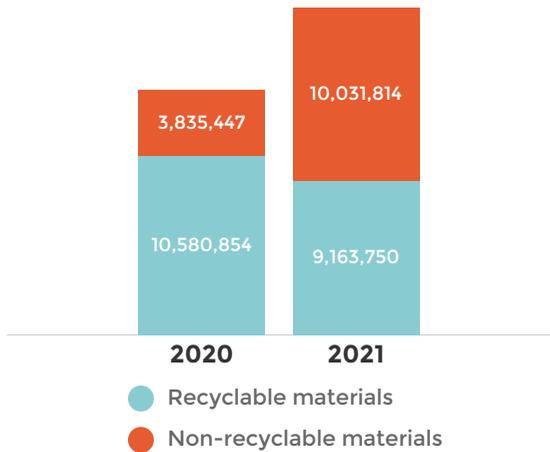
Due to the characteristics of the business –Ocensa transports crude oil through pipelines– the company does not use materials to produce or package products. However, we proactively manage inventories for maintenance, repairs and operations, so we have warehouses where we store spare parts and essential parts for the constant maintenance of the pipeline, as well as the storage of parts that supply the energy necessary to carry out the operation.

To manage these warehouses, Ocensa acquired 255 units within the category of preservation elements for use in warehouses, organization and storage, such as metal dunnage, metal stackers and shelving structures, which represent a significant weight of the total weight of recyclable materials used.



Total weight of materials

For operation and maintenance activities, we allocated USD 19,195,565.05 to the purchase of materials, of which 47.7% are recyclable due to the post-consumer management given to them, including spare parts and parts for pumping equipment. This represents a decrease in the amount allocated compared to 2020 due to the operation's own requirements for scheduled maintenance.



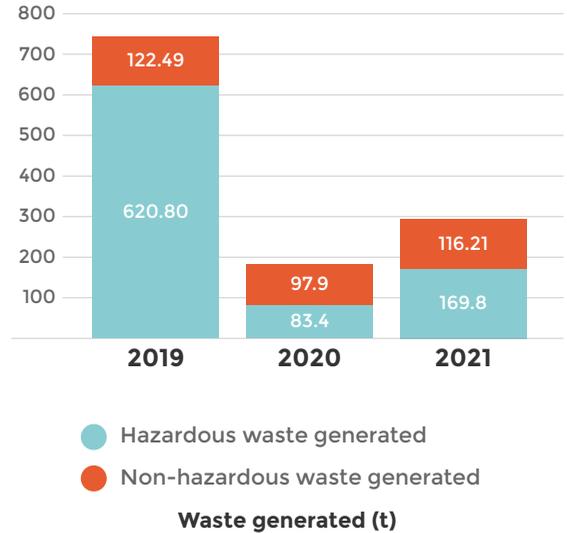
Number of materials purchased (in USD)

GRI 306-1

On the other hand, the generation of waste is mainly derived from the crude oil transported and the maintenance of the pipeline, mainly from the right of way and the Coveñas Terminal, and in all cases, we carry out the due measurement and control of the waste generated by our operation at the end of its transportation cycle.

GRI 306-3

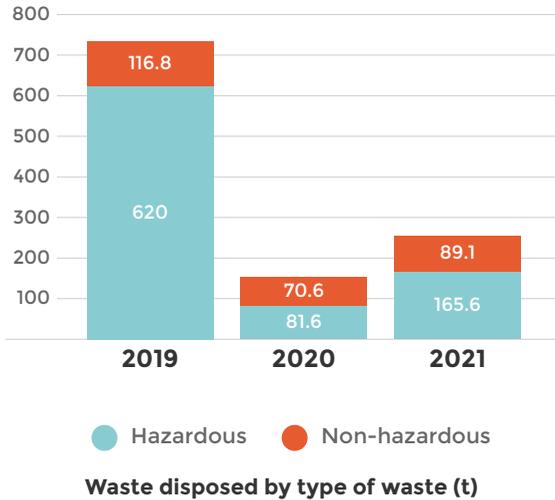
During 2021, OcenSA's operations generated 286.04 tons of waste, of which 59.4% corresponds to hazardous waste and the remaining 40.6% to non-hazardous waste.



The variation between these three periods is due to the fact that during 2019, a greater amount of hazardous waste was generated, due to non-routine tank maintenance activities performed. On the other hand, in 2020 the waste generated decreased significantly due to operational and socioeconomic restrictions derived from the pandemic, which reduced our activities and, therefore, the waste generated. Finally, in 2021, operation and maintenance work resumed, which in turn implied a normal growth in waste generation.

All our waste is managed, either through final disposal or post-consumer activities.

Of the total waste generated in 2021, 89.1% is allocated to final disposal, of which 65% is hazardous and 35% is non-hazardous.



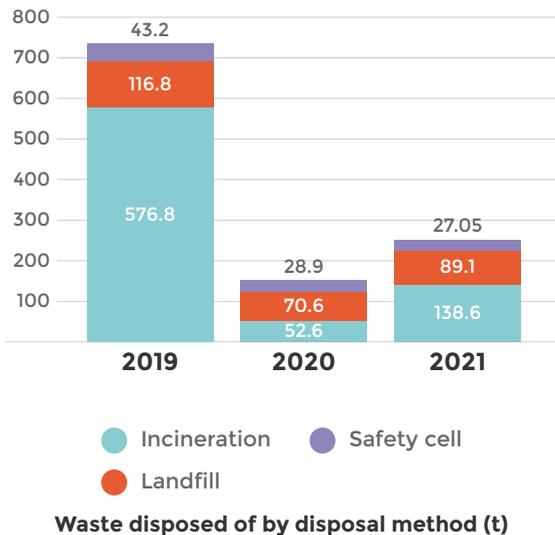
GRI 306-4

From the total waste generated, 12.5% is not allocated for final disposal, but is managed through reuse and recycling activities.

	2021
Total weight of non-hazardous waste not allocated to final disposal (t)	4.18 ⁶⁶
Total weight of non-hazardous waste not allocated to final disposal (t)	27.08
Total weight of waste allocated to reuse processes (t)	1.21 ⁶⁷
Total weight of waste allocated to recycling (t)	25.87

GRI 306-5

For this waste, Ocesa uses the following three disposal methods: incineration (54.4%), landfill (35%) and safety cells (10.6%).

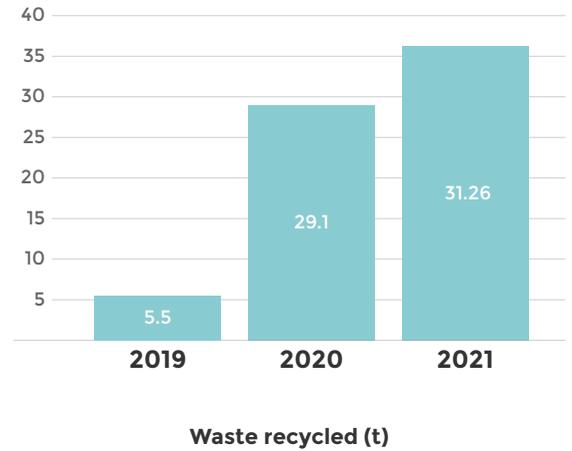


⁶⁶. This value refers to waste from lighting fixtures and batteries. This waste is reported to Ideam as hazardous waste, but its management corresponds to that of post-consumer waste.

⁶⁷. This value corresponds to WEEE and SPECIAL WASTE.

GRI 306-2

To determine the total weight of recycled waste, we consider those categorized as hazardous and non-hazardous that do not go to final disposal. Thanks to our waste management education strategies, where we emphasize proper waste separation, training for Ocesa's direct and indirect personnel, and through the contract with Veolia as authorized waste manager, we were able to increase the total weight of the waste we recycle.





Initiatives that boosted the circular economy and waste management in 2021

Reduction of waste going to incineration or safety cell

We work together with different internal areas of the organization to seek different and innovative alternatives for the treatment of some waste, to reduce the amount of hazardous waste that ends its cycle in incineration or safety cell. In 2021, we carried out the waste baseline that will allow us to determine the reductions in hazardous and ordinary waste generation, and to quantify usable waste, within the framework of post-consumer waste management.



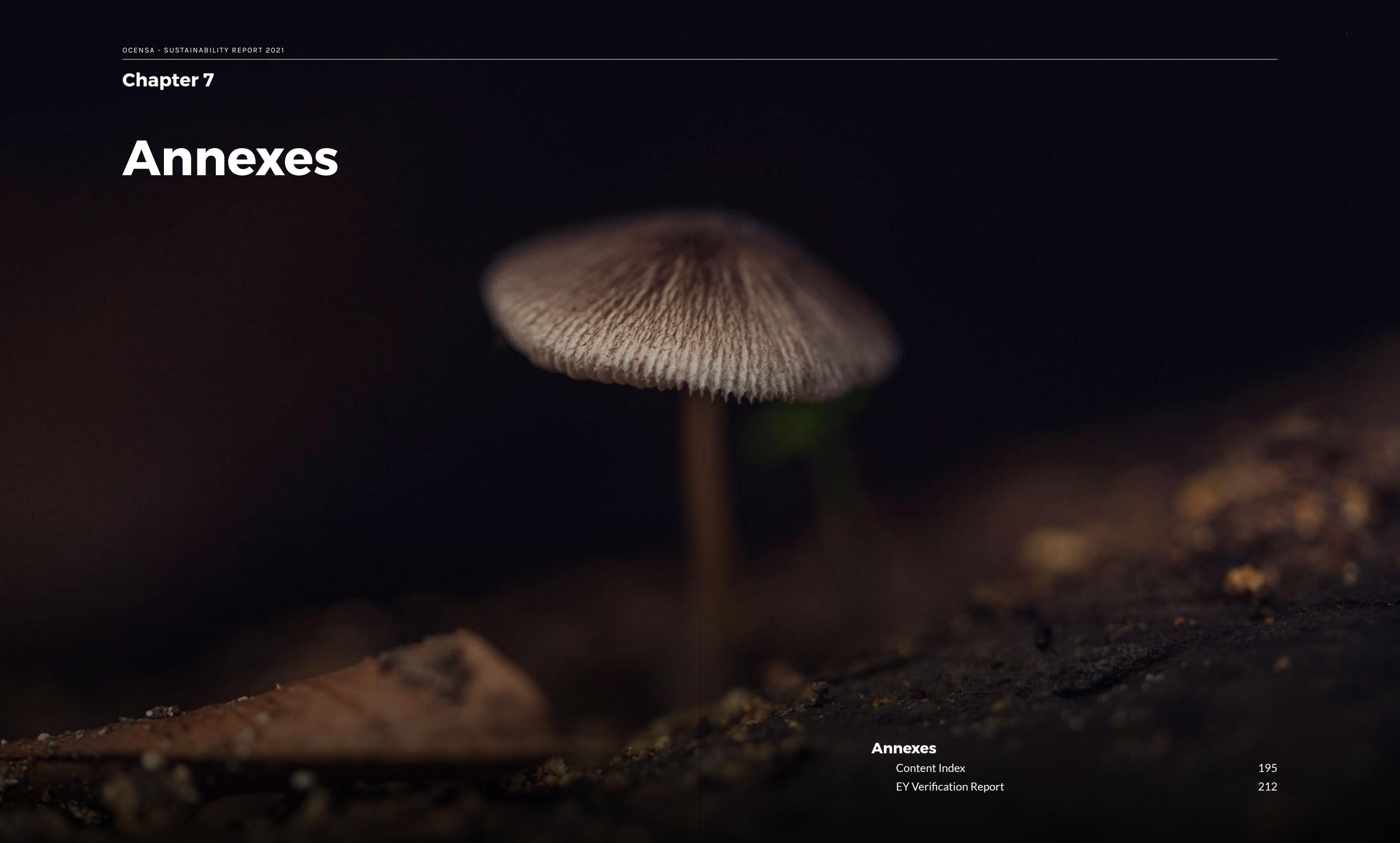
Where are we headed?

- We will reduce hazardous and ordinary waste generated by 5% by 2022 compared to 2021. This goal is formulated with respect to a baseline of waste management and circular economy, developed within the framework of the Waste Management Alternatives Plan, as part of the objectives and goals of the corporate strategy, and based on the waste registry and trend analysis in each facility.
- We will take advantage of 50% of the waste with usable characteristics generated in 2022 with respect to the year 2021.



Chapter 7

Annexes



Annexes

Content Index

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EY Verification Report

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The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
General Disclosures						
GRI 102: General Disclosures 2016	Organizational Profile					
	102-1 Name of the organization	Oleoducto Central S.A.S, OCENSA				
	102-2 Activities, brands, products, and services	Page 18 - We transport all kinds of crude oils – light, heavy and blended – from the fields of exploitation to vessels for export or the Cartagena refinery, for transformation. We are the most extensive and modern platform to transport oil in Colombia, from oil fields in Llanos Orientales to the Caribbean Sea in the Gulf of Morrosquillo. We have a pipeline of 836 kilometers on land and 12 kilometers offshore, with ten pumping stations, a pressure reducer, a marine terminal, tanks to store up to five million barrels and a base for the coordination of maintenance activities. Ocsa is a pioneer in the operation and maintenance of pipelines in the country, with one of the most modern control centers in Colombia, which allows us to monitor in real time the situation of each point within our infrastructure, the availability of inventories, the location of the crude oil transported and the fulfillment of commitments.				
	102-3 Location of headquarters	Bogotá, Colombia				
	102-4 Location of operations	Page 19				
	102-5 Ownership and legal form	Ocsa is a Simplified Stock Company (S.A.S).				
	102-6 Markets served	Page 19				EM-MD-000.A
	102-7 Scale of the organization	Pages 19, 21, 58, 108				
	102-8 Information on employees and other workers	Pages 47, 108, 114 - We have a large number of activities and services that are carried out through contractor companies and their workers. In 2021, 2,350 contractor workers had exclusive dedication to operation and maintenance at Ocsa.				
	102-9 Supply chain	Pages 19, 45, 47, 49				
	102-10 Significant changes to the organization and its supply chain	Page 66 - On August 23, 2021, the General Assembly of Shareholders of Ocsa approved with the favorable vote of one hundred percent (100%) of the shares in which the capital stock is divided, the transformation of the Company from a Limited Company (SA) to a Simplified Stock Company (SAS), which was duly registered in the Bogotá Chamber of Commerce on September 13, 2021. As of this date, our corporate name will be Oleoducto Central SAS, maintaining our acronym OCENSA.				
102-11 Precautionary Principle or approach	Page 176			Principle 7: Businesses should support a precautionary approach to environmental challenges.	SDG 11	

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55							
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB	
General Disclosures							
GRI 102: General Disclosures 2016	102-12 External initiatives	UN Global Compact					
	102-13 Membership of associations	<ul style="list-style-type: none"> • Member of SLOM - Latin American Society of Monobuoy Operators • OCIMF Membership - Oil Companies International Maritime Forum • CEA (Council of American Businesses): Security and protection • OSRL (Oil Spill Response Limited) • ACRIP: Colombian Federation of Human Management 			SDG 17		
	Strategy						
	102-14 Statement from senior decisionmaker	Page 4				SDG 16	
	Ethics and integrity						
	102-16 Values, principles, standards, and norms of behavior	Page 68				SDG 16	
	102-17 Mechanisms for advice and concerns about ethics	Pages 69, 98 - Through the Ethics and Compliance Line, inquiries, ethical dilemmas and complaints are received about situations that could jeopardize compliance with standards relating to the prevention of corruption, money laundering, terrorism financing and matters related to possible violations of human rights.					
	Governance						
	102-18 Governance structure	Page 67 - As part of the company's structure, each directorate or senior management that reports to the Presidency, develops different activities for the strategic management of the company, within which economic, environmental and social issues are included as applicable in the approach of each area. Additionally, the Board of Directors addresses economic, environmental and social issues, and follows up on the different milestones defined in the Balanced Management Dashboard (TBG).					
	102-25 Conflicts of interest	Page 46 - OCENSA has a Code of Good Governance which establishes both the definition of a conflict of interest and its proper management. This contemplates an evaluation and administration of the Audit Committee to define an eventual conflict, which must be informed to the General Assembly of Shareholders so that it can adopt the informed decision of dispensing or not the conflict of interest; always bearing in mind that the members cannot lose sight of the fact that the welfare of the company is the main objective of their decision, which is why they can only authorize the lifting of the conflict of interest when the act does not harm the interests of the company. Ultimately, it is the Board of Directors or the respective administrator who will determine whether to execute the act or contract that gave rise to the identified conflict of interest.					
102-26 Role of highest governance body in setting purpose, values, and strategy	Page 68						

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
General Disclosures						
GRI 102: General Disclosures 2016	Stakeholder Engagement					
	102-40 List of stakeholder groups	Page 40				
	102-41 Collective bargaining agreements	OCENSA does not have trade union organizations, but it respects human rights, including the right to freedom of association.			Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.	
	102-42 Identifying and selecting stakeholders	Page 40				
	102-43 Approach to stakeholder engagement	Page 40 - The relationship with all stakeholders is permanent and is not carried out solely for the purposes of the report.				
	102-44 Key topics and concerns raised	Page 40				
	Reporting Practice					
	102-45 Entities included in the consolidated financial statements	The financial statements reported correspond to the company Oleoducto Central S.A.S.				
	102-46 Defining report content and topic boundaries	Pages 33, 36				
	102-47 List of material topics	Page 34				
	102-48 Restatements of information	The calculation method for indicator 401-1 related to turnover was modified, including all causes of turnover for 2019, 2020 and 2021. The calculation method for indicator 302-3 related to energy intensity was changed, including all energy sources on the barrels transported in the reference segment (Segment II). It is clarified in indicator 306-4 that 100% of the waste is managed but does not necessarily have a final disposal, as had been stated in the previous year.				
	102-49 Changes in reportings	Page 33 - During 2021, Ocenca updated its materiality analysis, which represents a change in the list of material topics.				
	102-50 Reporting period	Page 8 - January 1 to December 31, 2021.				
102-51 Date of most recent report	2020					

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
General Disclosures						
GRI 102: General Disclosures 2016	102-52 Reporting cycle	Annual			SDG 12 SDG 16	
	102-53 Contact point for questions regarding the report	Page 8				
	102-54 Claims of reporting in accordance with the GRI Standards	Page 8 - This report has been prepared in accordance with the GRI standards: core option.				
	102-55 GRI content index	Page 195				
	102-56 External assurance	Page 8 - This report counts with external assurance verified by Ernst & Young Audit S.A.S.				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Economic Performance						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 58			8.4	
	103-2 The management approach and its components	Page 58				
	103-3 Evaluation of the management approach	Page 58				
GRI 201: Economic performance 2016	201-1 Direct economic value generated and distributed	Page 59				
	201-4 Financial assistance received from government	Ocensa does not receive financial assistance from the government.				
SASB	EM-MD-520.A1 Total amount of monetary losses as a result of legal proceedings associated with federal pipeline and storage regulations	We have not had monetary losses derived from legal proceedings associated with federal pipeline and storage regulations.				EM-MD-520.A1
Procurement Practices						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 44				
	103-2 The management approach and its components	Page 44				
	103-3 Evaluation of the management approach	Page 44				
GRI 204: Procurement practices 2016	204-1 Proportion of spending on local suppliers	Page 50 - Ocensa only reports the global value of the reserves made during the period covered by this report. For the next reporting exercise, the global amount of expenses to local suppliers and payments made during the year will be reported. Local suppliers and contractors are those registered with the chamber of commerce in the 48 municipalities in the area of influence. For more detail regarding significant operations, see indicator 102-7 on page 19.				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Anti-corruption						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 66			Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.	16.5 16.6
	103-2 The management approach and its components	Page 66				
	103-3 Evaluation of the management approach	Page 66				
GRI 205: Anti-corruption 2016	205-1 Operations assessed for risks related to corruption	Page 69				
	205-2 Communication and training about anti-corruption policies and procedures	Page 71				
	205-3 Confirmed incidents of corruption and actions taken	As a result of our management and commitment to transparency, during 2021, for the third consecutive year we did not present any confirmed cases of corruption, complying with the four literals requested by this indicator.				
Anti-competitive Behavior						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 66				
	103-2 The management approach and its components	Page 66				
	103-3 Evaluation of the management approach	Page 66				
GRI 206: Anti-competitive Behavior	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	We did not present legal actions related to unfair competition, monopolistic practices and against free competition.				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Materials						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 188			12.2	
	103-2 The management approach and its components	Page 188				
	103-3 Evaluation of the management approach	Page 188				
GRI 301: Materials	301-1 Materials used by weight or volume	Page 189				
	301-2 Recycled input materials used	Ocensa does not use recycled material to manufacture core business products or services. The inputs used are for maintenance activities.				
Energy						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 157			7.2 7.b	
	103-2 The management approach and its components	Page 157				
	103-3 Evaluation of the management approach	Page 157				
GRI 302: Energy 2016	302-1 Energy consumption within the organization	Page 158 - Ocensa does not sell electricity, heating, cooling, or steam. The calorific power of fuel crude, used in energy estimates, is obtained from the weighting of the crudes whose mixture makes up the fuel crude. In this case, given that in 2021 the average volumetric composition of the mixture of this crude fuel was 91% mixed crude oil and 9% light crude oil, the resulting weighting of the calorific values of both crude oils is 43.88 MJ/ kg In the case of diesel, the reference values are taken in an estimated manner from the ranges exposed by resolution 40103 of 2021 of the Ministry of Mines and Energy and it is validated that they coincide with the approximate ranges exposed in the FECOC 2016 report.		Principle 9: Businesses should encourage the development and diffusion of environmentally friendly technologies.		
	302-3: Energy intensity	Page 161				
	302-4 Reduction of energy consumption	Page 161 - The types of energy included in the reduction are crude oil, natural gas, diesel, electric power and the DRA product.				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Water and Effluents						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 183				
	103-2 The management approach and its components	Page 183				
	103-3 Evaluation of the management approach	Page 183				
GRI 303: Water and effluents 2018	303-1 Interactions with water as a shared resource	Page 184 - As this is the first reporting exercise in which water resource management is defined as a relevant issue for the organization, in 2021 the Water Footprint program is included in the company's Management System, in order to quantify the supply and demand of the Ocesa operation. It is expected that with the result of the measurement the company can define goals and objectives in the short, medium and long term. On the other hand, we clarify that in the municipalities of influence of Ocesa there is no hydric stress.		Letter (c): Information not available Ocesa is developing its first measurement of the water footprint of its own activities and operations. In this sense, the organization has prioritized measuring and knowing its impact related to water issues to delve into the impact it has on this resource and how it can be more effective in its management. In relation to its stakeholders, a stronger relationship exercise has been developed each year in order to understand the expectations, needs and priority issues, in order to know, among other issues, the importance of water resources in the communities and responsible use in the Ocesa value chain. For this reason, Ocesa currently does not have this information, but it maps its importance and aligns its efforts to be able to present it in future reporting exercises.	6.3 6.4	
	303-2 Management of water discharge-related impacts	Page 184				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Biodiversity						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 174		Principle 8: Businesses should undertake initiatives to promote greater environmental responsibility.	14.1 15.3 15.4 15.b	EM-MD-160a.1
	103-2 The management approach and its components	Page 174				
	103-3 Evaluation of the management approach	Page 174				
GRI 304: Biodiversity 2016	304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Page 176				
	304-2 Significant impacts of activities, products, and services on biodiversity	Page 177 - During 2021, there were no ecological impacts from hydrocarbons spills.			EM-MD-160a.3 EM-MD-160a.4	
	304-3 Habitats protected or restored	Page 178			EM-MD-160a.3	
	304-4 IUCN Red List species and national conservation list species with habitats in areas affected by operations	Page 179				
SASB	EM-MD-160a.3 Terrestrial acreage disturbed, percentage of impacted area restored	One of the contingencies corresponds to the outcrop of oily substances in the PK274+200 section, in which the in situ bioremediation of 594.14m ³ of soil was carried out, guaranteeing the remediation of 100% of the affected area (0.0465 hectares) through of a process of molecular decomposition of the hydrocarbon chains into compounds that are more assimilable by the microorganisms in the medium. The remaining two events occurred offshore, where contingencies were dealt with immediately, preventing any negative impact on the marine ecosystem. The event related to PK274+200 does not correspond to a loss of primary containment, since it is part of an oil release in 2018. On the other hand, the spill of 5.3 barrels corresponds to the IFSP Level 2 event that occurred in 2021, and the second offshore contingency does not correspond to a process safety event because according to API Standard 754 it does not meet the criteria to be considered level 1 or 2.				
	EM-MD-160a.4 Number and aggregate volume of hydrocarbon spills, volume in Arctic, volume in Unusually Sensitive Areas (USAs), and volume recovered	Page 176 - We present a total of 15.90 barrels spilled in the national territory, 100% of these barrels were treated and removed.				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Emissions						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 165			13.2	
	103-2 The management approach and its components	Page 165				
	103-3 Evaluation of the management approach	Page 165				
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	Page 167				EM-MD-110a.1 EM-MD-110a.2
	305-2 Energy indirect (Scope 2) GHG emissions	Page 168				
	305-3 Other indirect (Scope 3) GHG emissions	Ocensa does not measure scope 3 GHG emissions.				
	305-4 GHG emissions intensity	Page 169				
	305-5 Reduction of GHG emissions	Page 169				Principle 8: Businesses should undertake initiatives to promote greater environmental responsibility.
	305-7 Nitrogen oxides (NO_x), sulfur oxides (SO_x), and other significant air emissions	Page 170				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Waste						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 188			12.2 12.5	
	103-2 The management approach and its components	Page 188				
	103-3 Evaluation of the management approach	Page 188				
GRI 306: Waste 2020	306-1 Waste generation and significant waste-related impacts	Page 190				
	306-2 Management of significant waste-related impacts	Page 192				
	306-3 Waste generated	Page 190				
	306-4 Waste diverted from disposal	Page 191				
	306-5 Waste directed to disposal	Page 191 - The final disposal and treatment of hazardous and non-hazardous solid waste is carried out outside the organization, through companies contracted for this purpose, guaranteeing that they have the corresponding environmental permits and licenses. These companies must provide the official certification of the type of disposal for the volume and class of waste delivered.				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Supplier Environmental Assessment						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 44				
	103-2 The management approach and its components	Page 44				
	103-3 Evaluation of the management approach	Page 44				
GRI 308: Supplier Environmental Assessment 2016	308-1 New suppliers that were screened using environmental criteria		Information not available. Ocesa still does not incorporate environmental criteria for the evaluation and selection of suppliers. However, we hope to be able to implement and report it in the medium term.			
Employment						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 108			8.8 8.5	
	103-2 The management approach and its components	Page 108				
	103-3 Evaluation of the management approach	Page 108				
GRI 401: Employment 2016	401- 1 New employee hires and employee turnover	Page 110 - In 2021, 34 people left the organization.				
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Page 117				
	401-3 Parental leave	Page 117 - 100% of workers have returned to work after ending parental leave and are still employed 12 months later. The retention and return to work rates for employees who took parental leave is 100% for both men and women.				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Occupational Health and Safety						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 122				
	103-2 The management approach and its components	Page 122				
	103-3 Evaluation of the management approach	Page 122				
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	Page 122				
	403-2 Hazard identification, risk assessment, and incident investigation	Page 122				
	403-3 Occupational health services	Page 123				
	403-4 Worker participation, consultation, and communication on occupational health and safety	Page 123				
	403-5 Worker training on occupational health and safety	Page 124				
	403-6 Promotion of worker health	Page 123				
	403-8 Workers covered by an occupational health and safety management system	Page 124				
	403-9 Work-related injuries	Page 124 - Number of hours worked by employees in 2021: 639,047 and by contractor workers: 3,154,294. During 2021, there were 2 accidents in contractor workers, including 2 fractures, a foot fracture and a finger fracture. At Ocesa we have identified the risks associated with the health and safety of contractors through the ART (Occupational Risk Analysis) methodology, where different types of hazards and risks are established: physical, chemical, biological, ergonomic, psycho-occupational and safety. . The completion of the ART must be done by each contractor with the participation of the workers who are going to carry out the work and their identification of possible dangers and risks, to reinforce awareness of the need to apply and maintain controls.				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Training and Education						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 108				
	103-2 The management approach and its components	Page 108				
	103-3 Evaluation of the management approach	Page 108				
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	Page 116				
	404-2 Programs for upgrading employee skills and transition assistance programs	As for the efforts to help employees who are at the end of their professional career in the company, we have two programs: 1. Outplacement program (which is an external service that offers help and advice for the new placement in a new job), for those who are disengaged through the figure of mutual agreement. 2. In the case of people close to retirement, we have an accompaniment program, also with a third party, which supports the transition to the pension.				
	404-3 Percentage of employees receiving regular performance and career development reviews	Page 117				
Diversity and Equal Opportunities						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 108		Principle 6: Businesses should uphold the elimination of discrimination in respect of employment and occupation.	5.2 5.3	
	103-2 The management approach and its components	Page 108				
	103-3 Evaluation of the management approach	Page 108				
GRI 405: Diversity and Equal Opportunities 2016	405-1 Diversity of governance bodies and employees	Page 113 - Ocesa does not have female principal members on the Board of Directors. We also do not have members who belong to vulnerable groups, minority groups, ethnic groups or any other category in terms of diversity.				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Non-discrimination						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 108		Principle 6: Businesses should uphold the elimination of discrimination in respect of employment and occupation.		
	103-2 The management approach and its components	Page 108				
	103-3 Evaluation of the management approach	Page 108				
GRI 406: Non-discrimination 2016	406-1 Incidents of discrimination and corrective actions taken	We did not file any discrimination cases during 2021.				
Security Practices						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 96		Principle 2: Businesses should make sure that they are not complicit in human rights abuses.	8.8	
	103-2 The management approach and its components	Page 96				
	103-3 Evaluation of the management approach	Page 96				
GRI 410: Security Practices 2016	410-1 Security personnel trained in human rights policies or procedures	Page 99				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55							
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB	
Topic-specific standards							
Human Rights Assessment							
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 96			5.2 5.3 8.5 8.8		
	103-2 The management approach and its components	Page 96					
	103-3 Evaluation of the management approach	Page 96					
GRI 412: Human Rights Assessment 2016	412-1 Operations that have been subject to human rights reviews or impact assessments	Page 97					
	412-2 Employee training on human rights policies or procedures	Page 97 - During 2021, one hour was allocated for the formation of the Human Rights Policy.					
	412-3 Agreements and contracts that include human rights clauses or that underwent human rights screening	All contracts include clauses such as the Social Responsibility and Human Rights annex, which determine the mandatory compliance with our policies and the signing of the declaration of compliance with the Ocesa Human Rights Policy, as well as the Code of Ethics and Conduct. Likewise, we develop accompaniment programs for contractors to promote and ensure human rights in their management.					
Local Communities							
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 131			5.1 5.5 10.2 13.3		
	103-2 The management approach and its components	Page 131					
	103-3 Evaluation of the management approach	Page 131					
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	Page 133 - At Ocesa we do not have impact assessments. However, the socio-environmental investment programs developed have 100% participation of the local communities in the 48 municipalities in the area of influence. In addition, all the programs carried out take into account the relevance of the local context of operation, based on both the needs of the communities and the company. During 2021, we held focus groups with women and the rural youth population in order to learn about expectations and needs, which will allow us to adjust the programs to generate a greater impact in the community. Through the Ethics Line and the PQRS channel, the community can communicate complaints and/or claims.					

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Topic-specific standards						
Supplier Social Assessment						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 44				
	103-2 The management approach and its components	Page 44				
	103-3 Evaluation of the management approach	Page 44				
GRI 414: Supplier Social Assessment	414-1 New suppliers that were screened using social criteria		Information not available. Ocesa still does not incorporate social criteria for the evaluation and selection of suppliers. However, we hope to be able to implement it and report it in the medium term.			

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Thematic content not covered by GRI Standards						
Social Investment						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 131			13.1	
	103-2 The management approach and its components	Page 131				
	103-3 Evaluation of the management approach	Page 131				
Social investment	Socio environmental investment	Pages 134, 135, 136, 137, 138, 139, 140 - The amount of the environmental investment is voluntary and the social investment is made up of both voluntary and mandatory. The indicator measures the investment of resources that Ocesa makes in the communities through the sum of the investment lines established in the Social and Environmental Responsibility Plan. The formula to calculate the indicator is the sum of the investments made during the reporting period. The investment is presented in dollars according to the TRM defined by the Strategy and Finance Department, head of budget and portfolio management. Description of the variables: The variables will be associated with the investment lines contemplated in the Social and Environmental Responsibility Plan approved annually by the Comprehensive Responsibility Department, in the case of the information reported in 2021, those described in the chapter on relations with communities and social investment.		Principle 8: Businesses should undertake initiatives to promote greater environmental responsibility.		
Climate Change Response						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 85			13.1	
	103-2 The management approach and its components	Page 85				
	103-3 Evaluation of the management approach	Page 85				
GRI 201: Economic performance 2016	201-2 Financial implications and other risks and opportunities due to climate change	Page 85	Information not available. Ocesa identifies and estimates the financial implications, but these are not yet considered in the financial statements as an item to be executed. It is expected to be able to report it in the medium term.	Principle 8: Businesses should undertake initiatives to promote greater environmental responsibility.		

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Thematic content not covered by GRI Standards						
Innovation and Technology						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 90			9.4	
	103-2 The management approach and its components	Page 90				
	103-3 Evaluation of the management approach	Page 90				
Own content	Cybersecurity incidents	Page 92				
Own content	Availability percentage of digital technological platform	Page 90				
Own content	Cybersecurity maturity level	<p>Page 91. The GEE adopted the C2M2 model as a cybersecurity maturity measurement model. C2M2 is based on a maturity level indicator that has a range from 0 to 3, with 0 being the lowest maturity level and 3 the maximum maturity level. For the calculation of Ecopetrol and its subsidiaries, a conversion was made to a scale of 1 to 5 to adjust to the CMMI methodology. The C2M2 model defines 10 domains each with associated practices, which were the basis for the internal measurement of the maturity level: 1) Risk Management (RM), 2) Asset, Change and Configuration Management (ACM), 3) Identity and Access Management (IAM), 4) Threat and Vulnerability Management (TVM), 5) Situational Awareness (SA), 6) Information Sharing and Communications (ISC, 7) Events and Incident Response , Business Continuity (IR), 8) Supply Chain and External Dependency Management (CDE), 9) Workforce Management (WM), and 10) Cyber Security Program Management (CPM).</p> <p>The assessment of the practices of each domain is carried out based on expert judgment, managing a compliance haircut* and having existing practices and initiatives developed throughout the year as support.</p> <p>As an approximation for the measurement in 2021, the segment was based on the artifact delivered by Ecopetrol in which each of the corresponding practices is defined and given a weight and, in the opinion of the expert, the percentage of compliance of each of them was evaluated through a haircut (1-% compliance). The final rating is given by the weighting of the haircut and weight of each initiative:</p> <p>Formula: Total Rating = Sum of the final score per initiative Final score per initiative = [Weight score per practice*(1-Haircut)]</p>				

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55							
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB	
Thematic content not covered by GRI Standards							
High Containment Standards							
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 149			9.1 14.1 15.4		
	103-2 The management approach and its components	Page 149					
	103-3 Evaluation of the management approach	Page 149					
SASB	EM-MD-540a.1. Number of reportable pipeline incidents, percentage significant	Page 153 - During 2021, Ocesa presented 0% of significant reportable incidents.					EM-MD-540a.1
	EM-MD-540a.2 Percentage of (1) natural gas and (2) hazardous liquid pipelines inspected	Page 153					EM-MD-540a.2
	EM-MD-540a.4 Discussion of management systems used to integrate a culture of safety and emergency preparedness throughout the value chain and throughout project lifecycles	Page 150					EM-MD-540a.4
Regulatory Changes in Transport Rates							
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 79					
	103-2 The management approach and its components	Page 79					
	103-3 Evaluation of the management approach	Page 79					
Own content	Fines or penalties for non-compliance with regulation	Page 80 - We have had no fines or penalties for non-compliance or delays.					

The indicators highlighted in bold were verified by EY

GRI CONTENT INDEX 102-55						
GRI Standard	Content	Page number or URL	Omission	Global Compact	Relationship with SDG	Relationship with SASB
Thematic content not covered by GRI Standards						
Business Diversification						
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its Boundaries	Page 82			8.2 8.4 9.4	
	103-2 The management approach and its components	Page 82				
	103-3 Evaluation of the management approach	Page 82				
Own content	Submit 1 project in Phase 1 within the Project Maturity Model	Page 83				
Own content	Submit 2 or more Merger or Acquisitions alternatives	Page 83				



Messrs,
Oleoducto Central S.A.S.

AS-2500-22
March 30, 2022

Independent accountant's assurance report

To the Management of Oleoducto Central S.A.S.

Scope

We have been engaged by **Oleoducto Central S.A.S.** (here after referred to as "Ocensa" or "the Company") to perform a 'limited assurance engagement', as defined by International Standards on Assurance Engagements (here after referred to as "the Engagement"), to report on the identified sustainability information (the "**Subject Matter**") that is detailed in **Appendix 1** and contained in the Sustainability Report of Oleoducto Central S.A.S. (the "2021SR") for the period between January 1 to December 31, 2021.

Criteria applied by Ocensa

In preparing the identified sustainability information detailed in **Appendix 1**, **Ocensa** applied the criteria listed below (the **Criteria**) and that is related in the Global Reporting Initiative - GRI content index of the **2021SR** and in **Appendix 2** of this Report.

- a) GRI - Global Reporting Initiative standards according to the self-declared conformity option in the content GRI 102-54
- b) SASB - Sustainability Accounting Standards Board
- c) Own criteria

Ocensa's responsibilities

Ocensa's management is responsible for selecting the **Criteria**, and for presenting the identified sustainability information in accordance with that **Criteria**, in all material respects. This responsibility includes establishing and maintaining internal controls, maintaining adequate records, and making estimates that are relevant to the preparation of the **Subject Matter**, such that it is free from material misstatement, whether due to fraud or error.

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Messrs, Oleoducto Central S.A.S.

Page 2
March 30, 2022

EY's responsibilities

Our responsibility is to express a conclusion on the presentation of the **Subject Matter** based on the evidence we have obtained.

We conducted our engagement in accordance with the International Standard for Assurance Engagements Other Than Audits or Reviews of Historical Financial Information ('ISAE 3000'), and the terms of reference for this engagement as agreed with **Ocensa** on January 28, 2022. Those standards require that we plan and perform our engagement to obtain limited assurance about whether, in all material respects, the Subject Matter is presented in accordance with the **Criteria**, and to issue a report. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risk of material misstatement, whether due to fraud or error.

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

Our Independence and Quality Control

We have maintained our independence and confirm that we have met the requirements of the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants and have the required competencies and experience to conduct this assurance engagement.

EY also applies International Standard on Quality Control 1, *Quality Control for Firms that Perform Audits and Reviews of Financial Statements, and Other Assurance and Related Services Engagements*, and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements.

Description of procedures performed

Procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed. Our procedures were designed to obtain a limited level of assurance on which to base our conclusion and do not provide all the evidence that would be required to provide a reasonable level of assurance.

Although we considered the effectiveness of management's internal controls when determining the nature and extent of our procedures, our assurance engagement was not designed to provide assurance on internal controls. Our procedures did not include testing controls or performing procedures relating to checking aggregation or calculation of data within IT systems.

A limited assurance engagement consists of making enquiries, primarily of persons responsible for preparing the identified sustainability information detailed in **Appendix 1** and applying analytical and other appropriate procedures.

Our limited assurance procedures included, but were not limited to:

- Conducted interviews with Ocesa's personnel to understand the business and reporting process
- Conducted interviews with key personnel to understand the process for collecting, collating, and reporting the **Subject Matter**.
- Checked that the calculation criteria have been correctly applied in accordance with the methodologies outlined in the **Criteria**
- Undertook analytical review procedures to support the reasonableness of the data
- Identified and testing assumptions supporting calculations
- Tested, on a sample basis, underlying source information to check the accuracy of the data
- Read the management approaches (GRI 103-1, GRI 103-2 and GRI 103-3) of the material topics associated with the **Subject Matter** to verify that they have been applied in accordance with the **Criteria**.
- Compare the disclosures presented in the **2021SR** with what is established according with the self-declared option as detailed in the disclosure GRI 102-54 of the GRI standards.

We also performed such other procedures as we considered necessary in the circumstances.

Inherent Limitations of our assurance engagement

Our assurance engagement was limited to the **Subject Matter** contained in the **2021SR** for the period between January 1 and December 31, 2021, and consequently it does not cover information from prior years included in the **2021SR** or related to forecasts or future targets.

Nor was it intended to determine whether the technological tools used to prepare the **2021SR** are the most appropriate and/or efficient.



Messrs, Oleoducto Central S.A.S.

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March 30, 2022

Conclusion

Based on our procedures and the evidence obtained, we are not aware of any material modifications that should be made to the identified sustainability information (the "Subject Matter") that is detailed in **Appendix 1** and contained in the **2021SR** for the period between January 1 to December 31, 2021, for it to be in accordance with the **Criteria**.

Restricted use

This Report is intended solely for the information and use of **Oleoducto Central S.A.S.** and is not intended to be and should not be used by anyone other than those specified parties.

Our responsibility with this assurance engagement, is solely with the Company Management, therefore, we do not accept or assume any responsibility for any other purpose or against any other person or organization.

A handwritten signature in black ink, appearing to read 'Patricia Mendoza', is written over a light grey horizontal line.

Patricia Mendoza
Assurance Executive Director
Ernst & Young Audit S.A.S.

APPENDIX 1

Subject Matter:

The identified sustainability information (the "Subject Matter") in the scope of this Statement and included in the 2021SR issued by Ocesa on its website¹ is presented in the following table²:

Material topic	Indicator / disclosure	Criteria	Description
Economic Performance	201-1	GRI	Direct economic value generated and distributed
Community relations and social investment	Company's own indicator	Company's own criteria	Socio environmental investment
Corporate Governance and Ethics	205-3	GRI	Confirmed incidents of corruption and actions taken
Energy Management and Transformation	302-1	GRI	Energy consumption within the organization
Water Resource Management	303-1	GRI	Interactions with water as a shared resource
Biodiversity	304-3	GRI	Habitats protected or restored
Climate action	305-7	GRI	Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions
	SASB EM-MD-120a.1	SASB	
Circular Economy and Waste Management	306-3	GRI	Waste generated (v. 2020)
	306-5	GRI	Waste directed to disposal (v. 2020)
Health and safety	403-9	GRI	Work-related injuries
Human talent	404-1	GRI	Average hours of training per year per employee
	401-1	GRI	New employee hires and employee turnover
Climate change response	201-2	GRI	Financial implications and other risks and opportunities due to climate change
Innovation and technology	Company's own indicator	Company's own criteria	Cybersecurity Maturity Level
Sustainable supply chain management	204-1	GRI	Proportion of spending on local suppliers
Respect for Human Rights	410-1	GRI	Security personnel trained in human rights policies or procedures
High containment standards	SASB EM-MD-540a.1	SASB	Number of reportable pipeline incidents Percentage (%) significant

¹ The maintenance and integrity of the Company's website (<https://www.ocensa.com.co/>), repository of the 2021SR, is the responsibility of the Ocesa's Management. The work carried out by EY does not include these activities and, therefore, EY does not accept any responsibility for any difference between the information presented on said website and the Subject Matter contained in the 2021SR on which the Engagement was carried out and the conclusion was issued.

² Besides from what is described in the table, which establishes the scope of our work, we do not apply assurance procedures on the other information included in the 2021SR and, accordingly, we do not express a conclusion on said information.

APPENDIX 2

1. GRI Disclosures Criteria:

The assurance criteria that are applicable to the **Subject Matter** and to the presentation in accordance with self-declared conformity option, are defined based on what is established in the GRI 101 standard: Fundamentals (2016) and its thematic disclosures available on the page [GRI - GRI Standards Spanish Translations \(globalreporting.org\)](https://www.globalreporting.org/GRI-standards/GRI-standards-spanish-translations)

2. SASB Indicator Criteria

The assurance criteria that are applicable to the **Subject Matter** are defined in the OIL & GAS - MIDSTREAM Sustainability Accounting Standard document, available on the web site: [Oil & Gas - Midstream \(sasb.org\)](https://www.sasb.org)

3. Own Indicator Criteria:

Below are the assurance criteria that are applicable to the Company own indicators, which are subject to limited assurance and are listed in the GRI content index of 2021SR and this Report to make them available to stakeholders.

These assurance criteria are an integral part of our limited and independent accountant's assurance report.

Description	Criteria
Company's own indicator - Socio environmental investment	<p>This indicator is composed of the sum of the investments made during the reporting period.</p> <p>Indicator description: Measures the investment of resources made by Ocesa in the communities through the sum of the investment lines established in the Socio-environmental Responsibility Plan.</p> <p>The investment is presented in dollars according to the TRM defined by the Strategy and Finance Department, head of budget and portfolio management.</p> <p>Description of variables:</p> <p>The variables will be associated with the lines of investment contemplated in the Socio-environmental Responsibility Plan approved annually by the Integral Responsibility Directorate, in the case of the information reported in 2021, those described in the chapter on community relations and social investment.</p>
Company's own indicator - Cybersecurity Maturity Level	<p>The identification of criteria is done by means of the C2M2 methodology, which defines 10 domains, each with associated practices, which were the basis for the internal measurement of the maturity level:</p> <p>- Risk Management (RM): Establish, operate and maintain an enterprise cybersecurity risk management program to identify, analyze and mitigate cybersecurity risks to the organization, including its business units, subsidiaries, interconnected infrastructure and stakeholders.</p>

Description	Criteria
	<p>- Asset, Change and Configuration Management (ACM): Management of the organization's technology operations (OT) and information technology (IT) assets including both hardware and software, infrastructure risk and organizational goals.</p> <p>- Identity and Access Management (IAM): Create and manage logical or physical access identities to the organization's assets and the entities to which they can be granted. Control access to the organization's assets, the risk of access to the organization's infrastructure and objectives.</p> <p>- Threat and Vulnerability Management (TVM): Establish and maintain plans, procedures and technologies to detect, identify, analyze, manage and respond to cybersecurity threats and vulnerabilities associated with the risk to the organization's infrastructure (e.g., critical processes, critical IT assets, operational) and organizational objectives.</p> <p>- Situational Awareness (SA): Establish and maintain activities and technologies to collect, analyze, generate alarms, present and use operational and cyber security information, including status and summary information from the other domains of the model to form a Common Operating Picture (COP).</p> <p>- Information Sharing and Communications (ISC): Establish and maintain relationships with internal and external entities to collect and provide information on cybersecurity, as well as threats and vulnerabilities to reduce risks and increase operational resilience, with risk to the organization's infrastructure and objectives.</p> <p>- Incident Events and Response, Continuity of Operations (COO): Establish and maintain plans, procedures and technologies to detect, analyze and respond to cyber security events and maintain operations throughout a cyber security event commensurate with the risk to the organization's infrastructure and objectives.</p> <p>- Supply Chain and External Dependencies Management (SCM): Establish and maintain controls to manage risks associated with cybersecurity, services and assets that are dependent on external entities commensurate with the risk to the organization's infrastructure and objectives.</p> <p>- Workforce Management (WM): Establish and maintain plans, procedures, technologies and controls to create a culture of cyber security and attention to the ongoing suitability and competence of personnel, with risk to the organization's infrastructure and objectives.</p> <p>- Cyber Security Program Management (CPM): Establish and maintain an enterprise cyber security program that provides governance, strategic planning, and sponsorship of the organization's cyber security activities in a manner that aligns with cyber security objectives, the organization's strategic objectives, and risk to infrastructure.</p> <p>- Haircut: Criterion assigned by the area expert to qualify the percentage of compliance with each of the 325 practices included in the C2M2 methodology.</p> <p>The practices are evaluated by expert judgment, using a compliance haircut and based on existing practices and initiatives developed throughout the year.</p> <p>The final grade is given by the weighting of the haircut and weight of each initiative:</p> <p>Total Rating = \sum [Final score for initiative]</p> <p>Final score for initiative = [Weight score per practice * (1-Haircut)]</p>



Messrs,
Oleoducto Central S.A.S.

AS-3775-22
April 25, 2022

**To the Management of
Oleoducto Central S.A.S.**

The 2021 Sustainability Report of Oleoducto Central S.A.S., as of December 31, 2021 have been prepared in accordance with the Global Reporting Initiative (GRI) standards, SASB standards and Company's own criteria.

Ernst & Young Audit S.A.S., acted as independent auditor of the identified sustainability information, contained in the Sustainability Report, and its limited assurance report was released on March 30, 2022. Our engagement was conducted in accordance with International Standard for Assurance Engagements Other Than Audits or Reviews of Historical Financial Information ('ISAE 3000').

According to your request, we have reviewed the English language translation of the Sustainability Report and our respective limited assurance report as independent auditor.

Cordially,

Patricia Mendoza
Assurance Executive Director
Ernst & Young Audit S.A.S.
Medellín, Colombia
April 25, 2022

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Thank you.

We would like to thank all those who have contributed every day to make Ocensa what it is today, and to all those who trust, work hand in hand, make viable and contribute to the growth of the business and support us to grow sustainably to build a better country.

The image features a scenic landscape of rolling mountains covered in dense green forest. The sky is a clear, deep blue with wispy white clouds. The OCENSA logo is centered in the middle of the image. The logo consists of a white circle with a brushstroke-like texture on the left side, followed by the word "CENSA" in a clean, white, sans-serif font.

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