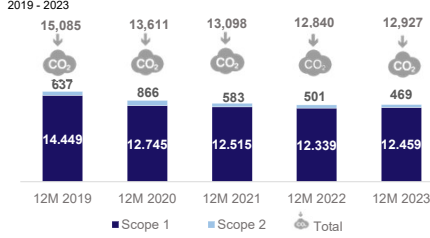
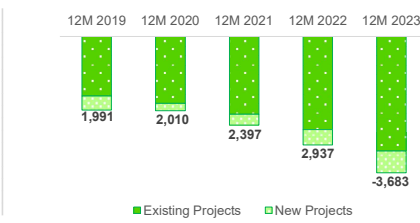


Environmental

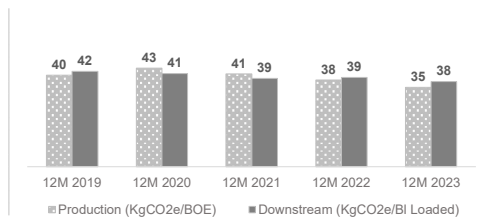
Carbon Emissions (ktCO₂e)*



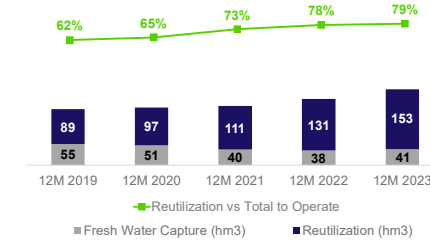
Cumulative Reduction of Greenhouse Emissions (ktCO₂e)*



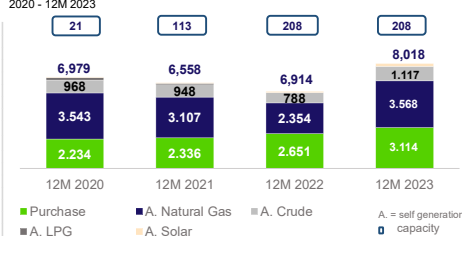
Greenhouse Gas Emissions Intensity*



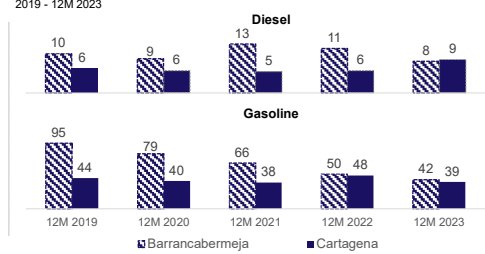
Water Reutilization y Capture*



Energy Consumption (Gwh) & Renewable Energy Capacity (MW)*

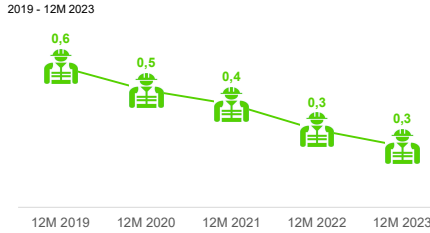


Sulfur Quantity in Diesel and Gasoline (ppm)**



SOCIAL

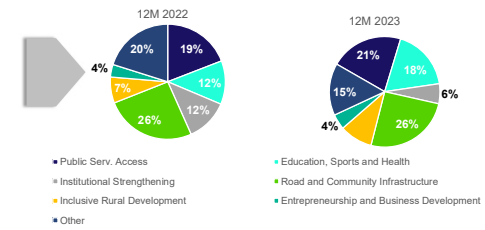
TRIF***



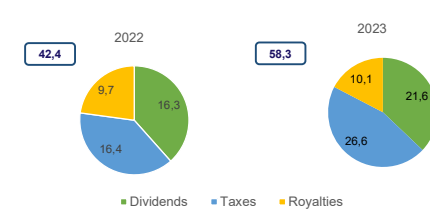
Social & Environmental Investment (Bn COP)***



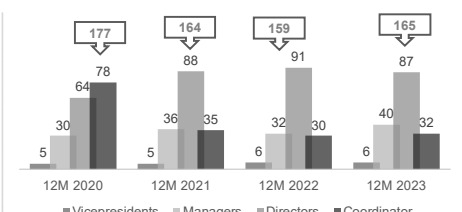
Megaprojects



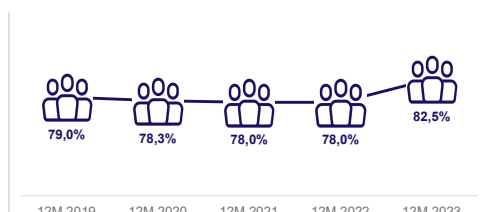
Transfers to the Government (Tn COP)***



Women in Leadership Positions**



Employees in Bargaining Agreements**



GOVERNANCE

7
of the 9 Members of the Board of Directors are Independent
(SEC Definition)

6 Board Committees

- Audit & Risk
- Compensation & Nomination
- Corporate Governance & Sustainability
- New Business
- HSE
- Technology & Innovation

TESG
as a percentage of Ecopetrol Group's Balanced Scorecard

Year	Percentage
2016	26%
2017	23%
2018	27%
2019	27%
2020	45%
2021	55%
2022	50%
2023	65%

Definitions & Units

Definitions

Carbon Emissions Scope 1: Direct emissions generated in the activities controlled by the organization (combustion, vents and fugitive sources).
Carbon Emissions Scope 2: Indirect emissions resulting of the generation of any form of energy (electricity, heat or steam) that is purchased and consumed in the organization's operations.
GHG: Greenhouse Gas
Greenhouse Effect Emissions Intensity (Production): Emissions in Kg CO₂e / BOE (Barrels Produced).
Greenhouse Effect Emissions Intensity (Downstream): Emissions in Kg CO₂e / Barrels Loaded.
HSE: Health, Safety and Environment
Reuse: Measured as Reused Water / Total Water Required to Operate (%). Reuse measures the percentage of water that the company stopped capturing and dumping.
SEC: Securities Exchange Commission
TBG: Balanced Management Board (Tablero Balanceado de Gestión for its spanish acronym). Ecopetrol Group's performance measure to define variable compensation.
TRIF: Total Recordable Incidents Frequency. Measured as: # Recordable Cases / Million man hours.
Water Withdrawal: Total volume of fresh water extracted from surface and underground sources, aqueducts and rainwater.

Units

Bn: Billion
CH₄: Methane
CO₂e: Carbon dioxide equivalent
GWh: Gigawatt hours
hm₃: Cubic hectometre
ktCO₂e: Kilon of carbon dioxide equivalent
M: Million
MCFD: Million of cubic feet per day
MtCO₂e: Million tons of carbon dioxide equivalent
MW: Megawatt
NDC: Nationally Determined Contribution
ppm: Parts per million of sulfur
Tn: Trillion

* Operated by Ecopetrol S.A. (Ecopetrol + Cartagena Refinery + Cenit + ODC); ** Ecopetrol S.A.; *** Ecopetrol Group