

# ANNEX 7.

## GLOSSARY AND ACRONYMS

### 01.

#### GLOSSARY

- **ADR:** American Depositary Receipts – Physical title endorsing the deposit of company shares in a US bank.
- **AP42:** Compendium of Atmospheric Emission Factors. Compilation by the United States Environmental Protection Agency establishing chapters associated with industrial activities and their emission factors for primary pollutants.
- **API degrees:** measure of density established by American Petroleum Institute that specifies how heavy or light oil is.
- **Bottom up:** bottom-up technique.
- **Brent:** a type of Brent oil extracted mainly from the North Sea off the coast of Scotland.
- **Capex:** capital expenditure
- **Category Y9:** mixtures and emulsions of waste oil and water or hydrocarbons and water.
- **CEO Water Mandate:** public-private initiative led by the United Nations Global Compact, mobilizing different players (business leaders, civil society, governments, among others) around the topics of water, sanitation, and the Sustainable Development Goals.
- **COKER unit:** coking unit. Oil refinery process used to recover valuables such as petroleum coke.
- **COLCAP:** capitalization index that reflects the price variations of the most liquid shares on the Colombian Stock Exchange.
- **Commodities:** basic goods in great demand worldwide that serve as inputs to produce others, such as oil, ethanol, coal, and natural gas.
- **Compliance Material Element:** issues or matters whose management is relevant to the organization and which are framed within regulatory compliance.
- **Cracking:** chemical process to produce simpler compounds by breaking down the molecules of a compound.
- **Cracks:** term used in energy markets to represent the differences between crude oil and petroleum product prices.
- **Cybersecurity:** IT security
- **Decarbonization:** process of reducing GHG emissions into the atmosphere.

- **Differentiated Material Elements:** issues or matters that set Ecopetrol apart from other companies with state participation at a global level.
- **Downstream:** segment, stage, and activities related to the refining and petrochemical process of fossil fuels.
- **ECO Zones:** experience centers that promote citizen participation processes to understand the operations and work of the Company by teaching with expertise and incorporating ICTs, thus creating a one-of-a-kind relationship experience.
- **Ecoreserves:** geographically delimited areas, owned by Ecopetrol Group companies, which are voluntarily allocated in part or in whole to the conservation of biodiversity and the offer of ecosystem services, without limiting their productive and exploratory vocation.
- **Energy Human Tech:** ecosystem associated with the CT+I strategy, aimed at solving the challenges and cross-cutting missions of the industry by means of regional open innovation centers.
- **Energy transition:** process of changing energy systems in order to gradually mitigate the impacts of the climate and environmental crisis. This, by deploying short-, medium-, and long-term actions that generate an adaptation of traditional energy sources and their technologies until their final transformation and/or substitution.
- **Exceptional Material Elements:** issues or matters for which Ecopetrol wishes to be recognized as a leader and highlighted for its good practices.
- **Flaring:** burning of hydrocarbons.
- **Flowback:** return flow.
- **Fuel blending:** mixing of the refined products with additives and components to obtain final products.
- **Geothermal energy:** renewable energy source obtained from the use of the internal thermal phenomena of the Earth (internal heat of the Earth), by means of geothermal power plants that transform the internal energy of the Earth into electrical energy.
- **High performance cells:** a team of experts created temporarily to solve a company need.
- **In-house:** within the company
- **Masterbatch:** color mix or concentrate used to pigment plastics.
- **Materiality:** process of determining relevant issues (material elements) for the stakeholder groups of a company that give rise to a list of elements that the business activity must be routed on. It is therefore a highly important exercise for the sustainability of companies and business groups.
- **Mero:** ConTREEbute's software implemented for the management and disclosure of sustainability information in a practical and efficient way.
- **Midstream:** segment, stage, and activities related to the transportation of fossil fuels.
- **Naphtha:** a range of distillates lighter than kerosene used as a filler for the production of motor gasoline and for the chemical industry (e.g., for ethylene production). /// Generic term applied to a fraction of petroleum that boils in the approximate range of 122-400°F.
- **Notable Material Elements:** issues or matters for which Ecopetrol must focus on by adopting global best practices to ensure the competitiveness thereof.
- **Offshore:** offshore oil and gas exploration and production.
- **Onshore:** onshore oil and gas exploration and production.

- **Opex:** operational expenditures
- **ORRI:** Overriding Royalty Interest - Undivided interest in a mineral lease that grants the right to receive a proportional part of the proceeds from the sale of oil and gas produced.
- **Payout:** percentage of benefits from dividend payments.
- **Percentage of carry:** percentage of the investment covered according to the evolution of the price of a barrel of oil and the drilling activity.
- **Petroleum coke:** carbonaceous solid material produced in the oil refinery process.
- **Pipeline:** pipeline or network transporting crude oil.
- **Play:** petroleum system (or play) is used to designate families of genetically related reservoirs that share similar characteristics in terms of geological continent and that give rise to hydrocarbons with similar characteristics.
- **PM10:** small solid or liquid particles dispersed in the atmosphere, whose aerodynamic diameter is less than 10 µm.
- **Polyduct:** pipeline or network transporting a variety of processed fuels.
- **Ratio:** proportion or relationship between two quantities or magnitudes.
- **Regasification:** it is the opposite process to liquefaction, where the Liquefied Natural Gas goes from liquid state to gaseous state.
- **Reskilling:** acquisition of new skills.
- **Retooling:** re-equipping with new capacities through reskilling and upskilling.
- **Scouting:** verification to collect primary information to define the areas of influence of the projects.
- **Senior Management:** High-ranking members who make up and undertake the management of an organization, such as the CEO and/or the people who report directly to him/her or to the highest governance body.
- **Showrooms:** exhibition halls.
- **Solar energy:** renewable energy source obtained from the use of the sun's radiation, by means of collectors or photovoltaic panels that transform the sun's energy into electrical energy.
- **Start-up Company:** young or recently created company characterized by its great capacity for growth, generally through the development of products and/or services using technology and innovation.
- **Startup:** commissioning.
- **Streaming:** broadcasting to view and listen to content transmitted via the Internet or another network without having to previously download the data to the device from which the file is viewed and heard.
- **Sustainalytics:** leading independent Environmental, Social, Governance (ESG) and corporate governance research, rating and analysis firm that assists investors around the world with the development and implementation of responsible investment strategies.

- **TESG (SosTECnibilidad®):** this is one of the four pillars of Ecopetrol's corporate strategy. It consists of a redefinition of sustainability by using technology as a tool for the development of innovative solutions to current and future challenges.
- **Tier:** level.
- **Tone at the Top:** leadership in ethics and compliance matters imparted from the highest level.
- **Top down:** top-down technique.
- **Trading:** purchase and sale of listed assets with considerable market liquidity (stocks, currencies, and futures).
- **Transmix:** portion of the interface or product from the relay tanks that cannot be mixed with any of the products transported by the system, without generating a deviation from the regulated quality specifications, or contractually agreed upon in the case of products whose quality is not regulated.
- **Turbofuel or jet fuel:** fuel used for aircraft or helicopter turbines, whose octane number is higher than that of gasoline. This fuel is a petroleum derivative, usually used in turbo-prop planes and jets.
- **Upskilling:** this involves developing the necessary skills in current workers.
- **Upstream:** segment, stage, and activities related to the exploration and production of fossil fuels.
- **Water basin:** territory whose waters all flow into the same river, lake, or sea.
- **Water neutrality:** this is a pillar of Ecopetrol's environmental strategy. It is based on integrated water management, efficient management, company sustainability, reduction of environmental impacts and conflicts associated with water and water security in the environment.
- **Webinar:** web conference or seminar.
- **White products:** gasoline, naphtha, kerosene, and diesel; that is, products from the high end of the distillation process.
- **Wind power:** renewable energy source obtained from the use of the wind, by means of wind turbines that transform wind energy into electrical energy.
- **Yammer:** Microsoft application that allows you to connect and communicate across an organization, share updates, and collaborate with others.

## 02.

## ACRONYMS

ACL	Andean Chemicals Ltd.
ACP*	Colombian Petroleum Association
ACPM*	Motor fuel oil
AE	Accumulated Exceedance
AFR	Accident Frequency Rate
ANDESCO*	National Association of Public Utility and Communications Companies
ANDI*	National Association of Industrialists
ANH*	National Hydrocarbons Agency
ANLA*	National Environmental Licensing Authority
ANP	Agência Nacional do Petróleo, Gás Natural e Biocombustíveis
API	American Petroleum Institute
ARPEL*	Regional Association of Oil and Natural Gas Companies in Latin America and the Caribbean
Asocarbono*	Colombian Association of Carbon Market Actors
AWS	Amazon Web Services
bbls	Barrels
bbp	Butylbenzyl phthalate
BCOP	Billions of Colombian pesos
BE SAS	Bioenergy S.A.S
BE ZF SAS	Bioenergy Zona Franca SAS
BGRe	Black Gold Re Limited
bl	Barrel
BOE	Barrels of oil equivalent
BPD	Barrels per day
BTU	British Thermal Unit
BUSD	Billions of US dollars
BVC*	Colombian Stock Exchange
CAGR	Compound Annual Growth Rate
CAR*	Regional Autonomous Corporations
CAS*	Autonomous Corporation of Santander
CBD	Convention on Biological Diversity
CCAC	Climate and Clean Air Coalition
CCITE*	Certificate of Clearance from Technical Narcotics Reports
CCT*	Collective Labor Agreement
CCUS	Carbon Capture, Use and Storage
CDM	Clean Development Mechanisms
CDP	Carbon Disclosure Project

<b>CDTECH</b>	Community Development Technologies
<b>CEO</b>	Chief Executive Officer
<b>CFC</b>	Chlorofluorocarbons
<b>CFO</b>	Corporate Vice President of Finance
<b>CGR*</b>	Office of the Comptroller General of the Republic of Colombia
<b>CH<sub>4</sub></b>	Methane
<b>CNH</b>	National Hydrocarbons Commission
<b>CN00C</b>	China National Offshore Oil Corporation
<b>CO<sub>2</sub></b>	Carbon dioxide
<b>COGS</b>	Cost of goods sold
<b>COLOSOS*</b>	Local Occupational Health Committees
<b>CONPES*</b>	National Council for Economic and Social Policy
<b>COO*</b>	Executive Vice President of Operations
<b>COP</b>	Colombian peso
<b>COP26 / COP27</b>	United Nations Conference on Climate Change (26th / 27th)
<b>COPASOS</b>	Joint Occupational Health Committees
<b>CORINAIR</b>	Core Inventory air emissions
<b>Cormacarena*</b>	Corporation for the Sustainable Development of the Special Management Area La Macarena
<b>COSO</b>	Committee of Sponsoring Organizations of the Treadway Commission
<b>CRC*</b>	Shared Risk Contract
<b>CREE</b>	Income tax for equity
<b>CREG*</b>	Energy and Gas Regulation Commission
<b>CT+I*</b>	Science, technology, and innovation
<b>CTUe</b>	Comparative toxic unit for aquatic ecotoxicity impacts
<b>CTUh</b>	Comparative toxic unit for human toxicity impacts
<b>DANCP</b>	Directorate of the National Prior Consultation Authority of the Ministry of the Interior
<b>DART</b>	Days Away, Restricted or Job Transfer Rate
<b>DGPE</b>	Dirección General de Participaciones Estatales
<b>DIAN*</b>	National Tax and Customs Authority
<b>DJSI</b>	Dow Jones Sustainability Index
<b>DOJ</b>	Department of Justice
<b>DRMI*</b>	Regional Integrated Management District
<b>E&amp;P*</b>	Exploration and production
<b>Ebitda</b>	Earnings before interest, taxes, depreciation and amortization
<b>EC</b>	Environmental Compliance
<b>ECAs</b>	Export Credit Agencies

ECP	Ecopetrol
EEA	European Environmental Agency
EIA	Environmental impact assessments
EIIP	Emissions Inventory Improvement Program
EMEP	European Monitoring and Evaluation Programme
ENEC	European Norms Electrical Certification
ENR*	Non-regulated energy
EOR	Enhanced Oil Recovery
EPA	Environmental Protection Agency
ERM	Enterprise Risk Management
ESP*	Public utilities company
ESG	Environment, Social and Governance
ExCo	Executive Committee
EY	Ernst & Young
FAME	Fatty acid methyl ester
FCPA	Foreign Corrupt Practice Act
FECOC*	Colombian fuel emission factors
FENOGÉ*	Fund for Non-Conventional Energies and Efficient Energy Management
FEPC	Fuel Price Stabilization Fund
FIBO*	Integral Basic Operator Training
FINDETER*	Financiera de Desarrollo Territorial S.A.
FIP*	Fundación Ideas para la Paz
FNCER*	Non-conventional renewable energy sources
FPADM*	Financing of the proliferation of weapons of mass destruction
FSRU	Floating storage regasification unit
FT	Financing of terrorism
FTE	Full-time Employees
g/L	Gram per liter
GBIF	Global Biodiversity Information Facility
GBTUD	Giga BTU per day unit
GDP	Gross domestic product
GE*	Ecopetrol Group
GHG	Greenhouse Gas
GI*	Stakeholder Groups
GRB	Barrancabermeja Refinery Management
GRC	Cartagena Refinery Management
GRI	Global Reporting Initiative

GSV	Gross Standard Volume
GTC*	Colombian Technical Guide
GW	Gigawatt
GWh	Gigawatt hours
GWP	Global warming potential
H2	Hydrogen
ha	Hectares
HAP	Hazardous Air Pollutants
HCFC	Hydrochlorofluorocarbons
HFC	Hydrofluorocarbon
HR	Human Resources
HRA	Health risk assessment
HSE	Health, Security and Environment
IAvH	Alexander Von Humboldt Institute
ICA*	Environmental Compliance Reports
ICONTEC*	Colombian Institute of Technical Standards and Certification
ICP*	Innovation and Technology Center
ICT	Information and communication technologies
IDB	Inter-American Development Bank
IDEAM*	Institute of Hydrology, Meteorology, and Environmental Studies
IFC	International Finance Corporation
IFP*	French Petroleum Institute
IFRS	International Financial Reporting Standard
IFSP	Process Safety Frequency Index
ILO	International Labour Organization
ILP*	Long Term Incentives
Inc	Incorporated
INSQUI*	National Inventory of Chemical Substances for Industrial Use
Invercolsa	Inversiones de Gases de Colombia S.A.
Invías*	National Roads Institute
IPCC	Intergovernmental Panel on Climate Change
IPIECA	International Petroleum Industry Environmental and Conservation Association
IR	Investor Relations. Award granted by the BVC
IRR	Internal rate of return
ISA	Interconexión Eléctrica S.A. E.S.P.
ISO	International Organization for Standardization
IT	Information technology



ITA*	Information Transparency Index
JAC*	Community Action Board
JDA	Joint Development Agreement
JOA	Joint Operating Agreement
JV – Joint Venture	Join Venture
KBD / KBDP	Thousand barrels per day
Kbed / Kbped	Thousand barrels of oil equivalent per day
KBDP	Average daily crude oil production
KBWPD	Thousand barrels of water per day
Kg	Kilogram
KgCO <sub>2</sub> e	Kilograms of carbon dioxide equivalent
Klb*	Kilopounds
km	Kilometers
KPI	Key Performance Indicator
KRI	Key risk indicator
Kt	Kiloton
KTA*	kilotonnes per year
kTon	Thousands of tons
KV	Kilovolts
kWh	Kilowatt hour
Lb*	Pound
LC	Minor Concern
LDAR	Leak Detection and Repair
LEAP	Locate, Evaluate, Advise, Prepare
LGBTQI+	Lesbian, Gay, Bisexual, Trans, Intersex, and Queer
LLC	Limited Liability Company
LNG	Liquefied Natural Gas
LOPC	Losses of Primary Containment
LPG	Liquefied petroleum gas
LTD / Ltd	Limited
LTDA*	Limited
LTIFR	Lost-Time Injury Frequency Rate
LWR	Lost Work Rate
LXP	Learning eXperience Platform
m <sup>3</sup>	Cubic meters
MADS*	Ministry of Environment and Sustainable Development
MASC*	Alternative Dispute Resolution Mechanisms

<b>Mbls / mbbls</b>	Thousands of barrels
<b>Mbtu</b>	1,000 BTUs
<b>MCOP*</b>	Thousands of Colombian pesos
<b>MFS*</b>	Value Maximization Flow in Subsidiaries and Assets with Partners
<b>mg/L</b>	Milligrams per liter
<b>MHCP*</b>	Ministry of Finance and Public Credit
<b>MILA*</b>	Integrated Latin American Market
<b>ML</b>	Money Laundering
<b>MM</b>	Major maintenance
<b>mM*</b>	Billion
<b>Mm3</b>	Cubic millimeter
<b>Mmbd*</b>	Millions of barrels per day
<b>MME*</b>	Ministry of Mines and Energy
<b>MPCED*</b>	Millions of standard cubic feet per day
<b>MSCI</b>	Morgan Stanley Capital International
<b>MSMEs</b>	Micro, small and medium enterprises
<b>Mt</b>	Metric ton
<b>MtCO2</b>	Metric ton of carbon dioxide equivalent
<b>Mton</b>	Millions of tons
<b>Mtpa</b>	Millions of tons per year
<b>MUSD</b>	Millions of US dollars
<b>MVA</b>	Megavoltamper
<b>MW</b>	Megawatt
<b>N/A</b>	Not applicable
<b>N2O</b>	Nitrous oxide
<b>NATECH</b>	Events of natural origin that cause technological accidents
<b>NF3</b>	Nitrogen trifluoride
<b>NH3</b>	Ammonia
<b>No.</b>	Number
<b>NOx</b>	Nitrogen oxides
<b>NPS</b>	Net Promote Score
<b>NSV</b>	Net Standard Volume
<b>OAS</b>	Organization of American States
<b>OCENSA*</b>	Oleoducto Central S.A. (Pipeline)
<b>ODC*</b>	Oleoducto de Colombia (Pipeline)
<b>ODL*</b>	Oleoducto de los Llanos Orientales (Pipeline)
<b>ODS</b>	Ozone Depleting Substances

OECD	Organisation for Economic Co-operation and Development
OFAC	Office Foreign Asset Control
OG / O&G	Oil & Gas
OGMP	Oil and Gas Methane Partnership
OHS	Occupational Health and Safety
OP 4-12	World Bank Operational Policy 4-12
OP-710	World Bank Operational Policy 710
OPC	Citizen Participation Office
OPEC	Organization of the Petroleum Exporting Countries
ORRI	Overriding Royalty Interest
OTA	Orito – Tumaco Pipeline
Oxy	Occidental Petroleum
PANA*	Open Area Nomination Process
PCH*	Small hydroelectric plant
PDC*	Contingency plan
PEC*	Emergency and Contingency Plan
PFC	Perfluorocarbon
PGN*	Office of the Inspector General of the Nation
PGR*	Refinery grade propylene
PGRMV*	Risk Management Plan for Discharge Management
PIV	Increased Value Practices
PM	Particles
PMAI*	Integrated environmental management plan
POP	Persistent organic pollutants
PPG*	Pozos Colorados Polyduct
PII*	Integral Research Pilot Projects
ppm	Parts per million
PQRS*	Petitions, complaints, claims, and requests
PRA*	Environmental Recovery Plan
PRTLGV*	Clean Technology Reconversion and Wastewater Management Project
PSE*	Process Safety Event
PTAP*	Drinking Water Treatment Facility
PUEAA*	Efficient Use and Water Saving Programs
PVHA*	Plan, Do, Check and Perform
PVS*	Wildlife Project
PVSDH*	Voluntary Principles on Security and Human Rights
R+D	Research and development

RAM	Risk Assessment Matrix
RCC*	Human talent re-tooling with cutting-edge expertise and the necessary skills
RCD*	Construction and demolition waste
Reskilling	Re-learning to face new challenges
RESPEL*	Waste and Hazardous Waste Generator Register
RIGS*	Integrated Sustainable Management Report
ROACE	Return on Average Capital Employed
SA*	Public limited company
SAP	Systems, applications and products in data processing
SAS*	Simplified Joint Stock Company
SASB	Sustainability Accounting Standards Board
SBN*	Nature-based solutions
SCI*	Internal Control System
SCM	Stakeholder Capitalism Metrics
SDGs	United Nations Sustainable Development Goals
SEC	Securities and Exchange Commission
SENA*	National Learning Service
SF6	Sulfur hexafluoride
SFC*	Financial Superintendence of Colombia
SGSSS*	General System of Social Security in Health
SIB*	Biodiversity Information System
SICOM*	Information system of the MME for the distribution chain of petroleum-derived liquid fuels
SIGAR*	Tool for tracking the quantities generated by each waste stream
SIGEA*	Atmospheric Emissions Management System
SIPROE*	Ecopetrol Supplier Information System
SITM*	Comprehensive Mass Transportation Systems
SITP*	Bogotá's Integrated Public Transportation System
SMLV*	Current legal monthly minimum wage
SNC*	Develop Natural Climate Solution
SOx	Sulfur oxides
SOX	Sarbanes Oxley Act
SPE*	Public employment system
SRI*	Comprehensive Risk Management System
SRM	Supplier Relationship Management
SSON	Shared Services & Outsourcing Network
STEM	Science, Technology, Engineering and Mathematics
SUS	Performance Portal for Ecopetrol's Contractors

SYC*	Society and Community
TBG*	Balanced management board
TCFD	Task Force on Climate-related Financial Disclosures
TCO <sub>2</sub> e / tCO <sub>2</sub> eq / TonCO <sub>2</sub> e /TonCO <sub>2</sub> eq	Tons of carbon dioxide equivalents
TESG	Technology, Environment, Social and Governance
TMI*	Minimum Impact Technologies
TNC	The Nature Conservancy
TNFD	Taskforce on Nature-related Financial Disclosures
TonM	Metric ton
TRIFR	Total recordable injury frequency rate
TRIR	Total recordable incident rate
TTF	Title Transfer Facility
UIAF*	Financial Information and Analysis Unit
IUCN	International Union for Conservation of Nature
UIS*	Universidad Industrial de Santander - Industrial University of Santander
UNESCO*	United Nations Educational, Scientific and Cultural Organization
UNGP	UN Guiding Principles on Business and Human Rights
UPME*	Mining-Energy Planning Unit
US GoM	U.S. Gulf of Mexico
usd/bl	Dollars per barrel
USEtox	Model for assessing toxic impacts of chemical releases
USO*	Oil Industry Workers' Union
VAB*	Vice Presidency of Procurement and Services
VAT	Value Added Tax
VCF*	Corporate Vice Presidency of Finance
VCM*	Vice Presidency of Sales and Marketing
VCU*	Corporate Vice Presidency of Compliance
VDP*	Vice Presidency of Development and Production (now Upstream)
VDS*	Vice Presidency of Sustainable Development
VEX*	Vice Presidency of de Exploración
VHSE*	Vice Presidency of HSE
HIV	Human immunodeficiency virus
VOC*	Values Subject to Conservation
VOCs	Volatile Organic Compounds
Vol	Volume
VP	Vice Presidency

<b>VPN*</b>	Net Present Value
<b>VPU*</b>	Upstream Vice Presidency
<b>VRP*</b>	Vice Presidency of Refining and Industrial Processes
<b>VTI*</b>	Vice Presidency of Science, Technology, and Innovation
<b>VU</b>	Vulnerable species
<b>WBCSD</b>	World Business Council for Sustainable Development
<b>WCS</b>	Wildlife Conservation Society
<b>WEC</b>	World Energy Council
<b>WEF</b>	World Economic Forum
<b>WEP</b>	Women's Empowerment Principles
<b>WFN</b>	Water Footprint Network
<b>WHO</b>	World Health Organization
<b>WIMS</b>	Well Integrity Management System
<b>WTI</b>	West Texas Intermediate
<b>XM</b>	Company specialized in the management of real-time systems, wholesale energy market management and the development of energy and information solutions and services
<b>ZOMAC*</b>	Zones most affected by the armed conflict

\*(as per its Spanish acronym)