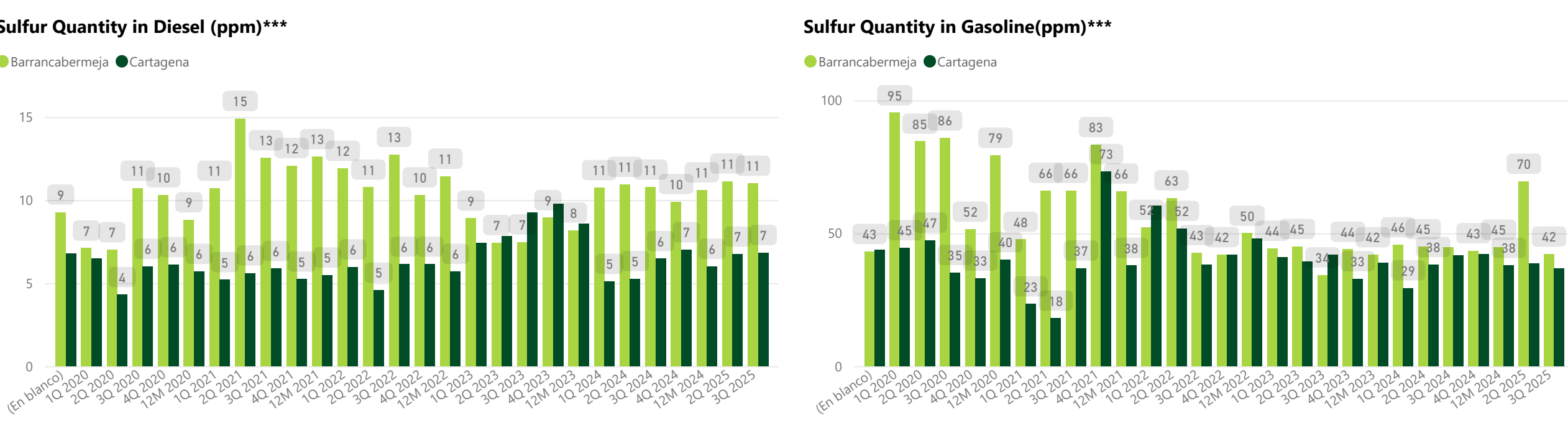
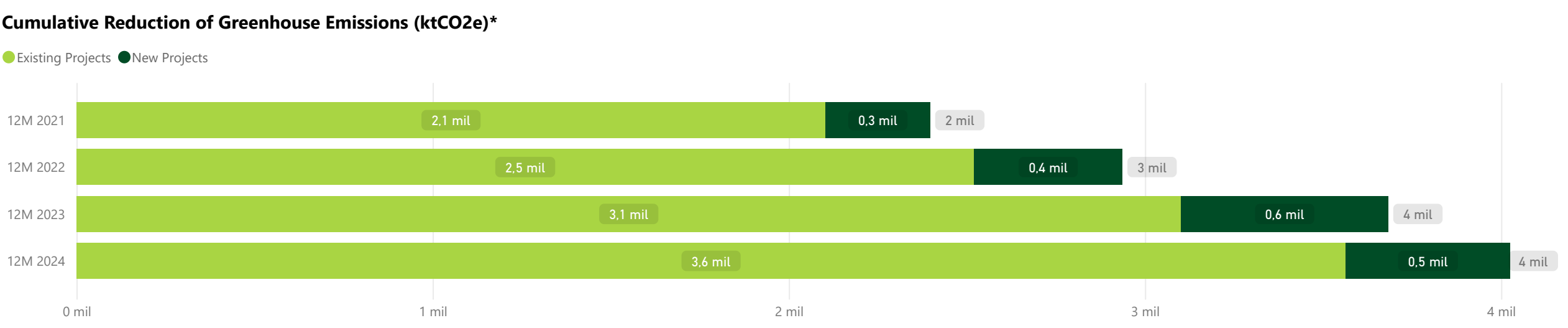
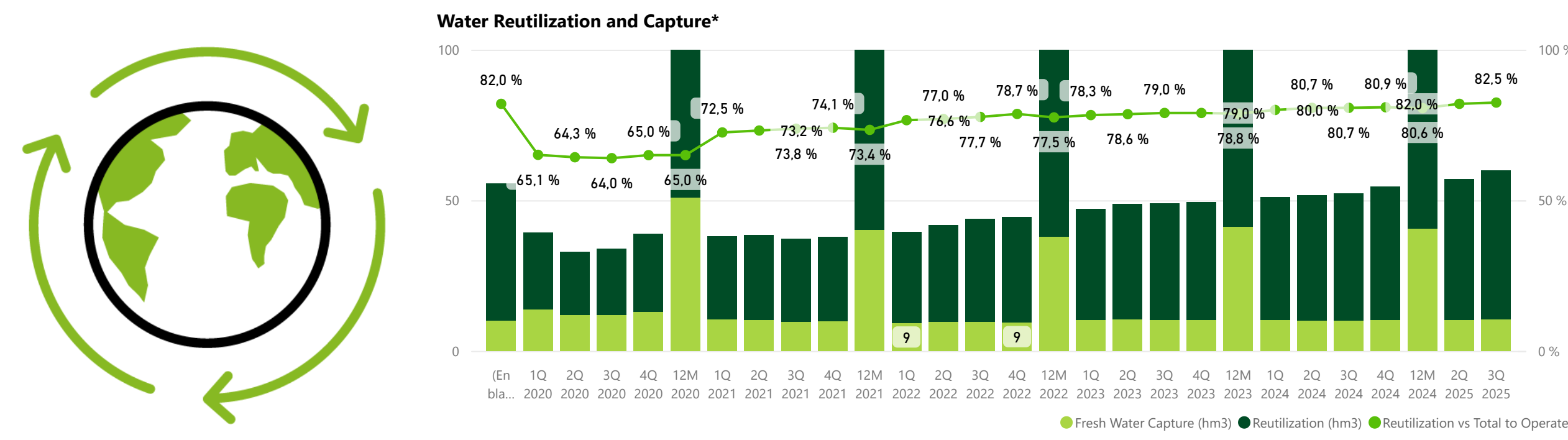
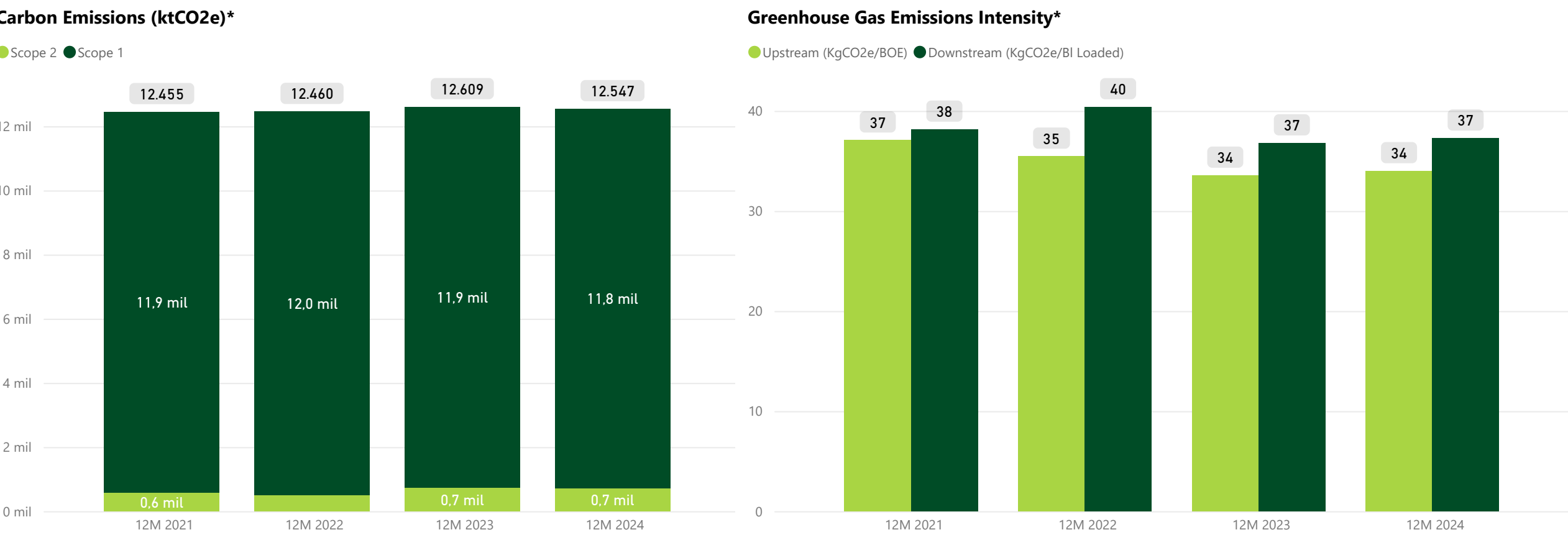
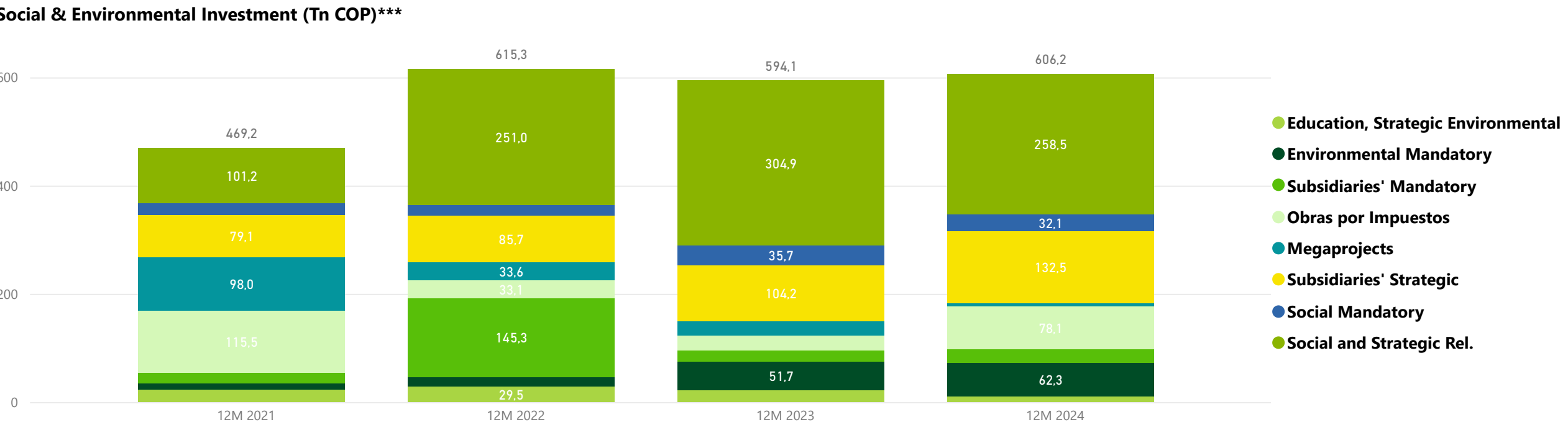
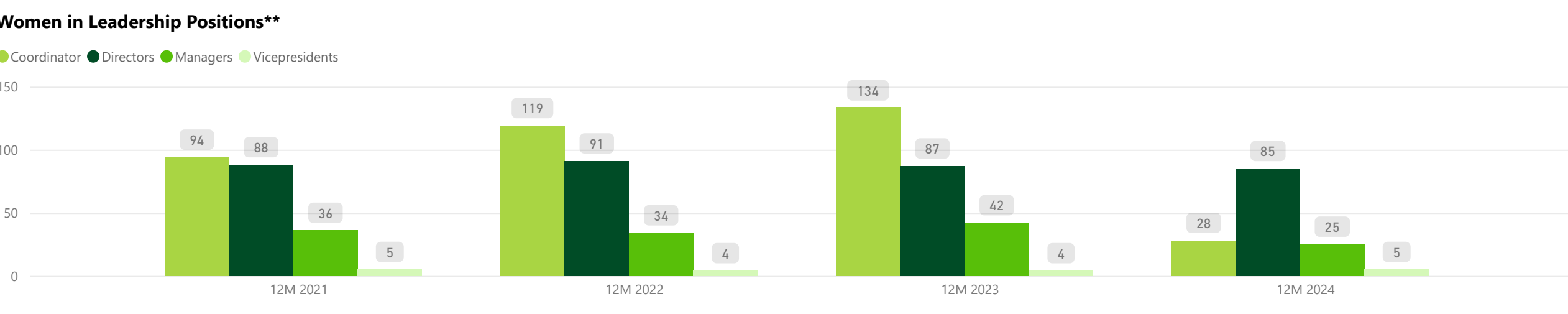
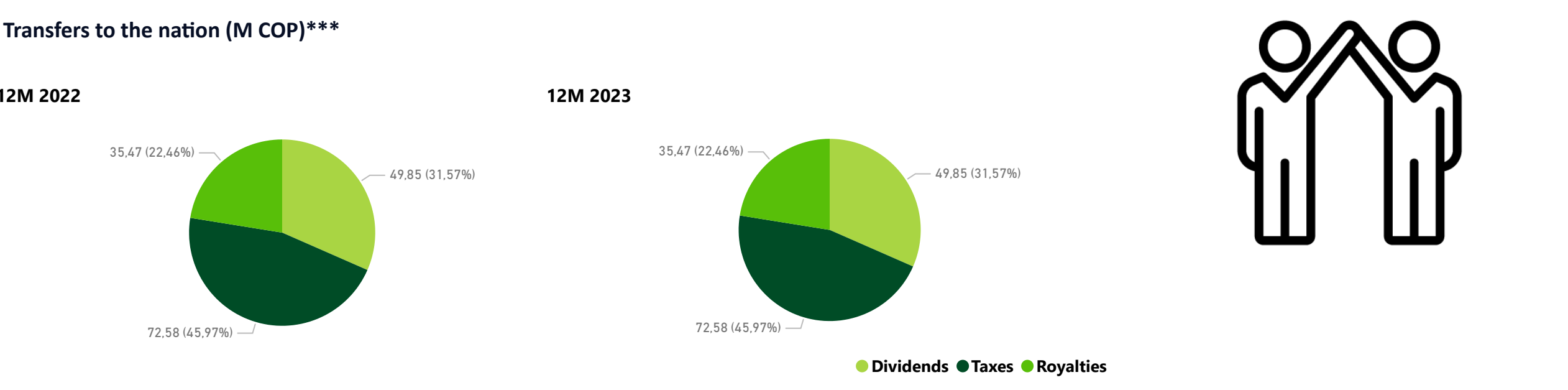




SOCIAL



GOVERNANCE



Definitions & Units

Definitions	Units
- 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 formof energy (electricity, heat or steam) that is purchased and consumed in the organization'soperations. - 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 Comission - 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. .	Bn: Billion CH4: Methane CO2e: Carbon dioxide equivalent GWh: Gigawatt-hours hm3: Cubic hectometre ktCO2e: Kiloton of carbon dioxide equivalent M: Million MCFD: Million of cubic feet per day MtCO2e: Million tons carbondioxide equivalent MW: Megawatt ppm: Parts per million of sulfur Tn: Trillion

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

