

ECOPETROL S.A

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Environmental Performance Manager



WHO WE ARE



- Main Oil & Gas Company in Colombia
- NYSE listed company
- Proven reserves of 1,727 million barrels of oil equivalent
- Integrated energy company (exploration, production, refining, transport).
- 38 production fields
- Two refineries
- Three ports
- 8000 km pipeline network
- 43MW installed capacity of renewable energies, 179 MW goal by 2021.



Nacional and International frameworks



COP21 - NDC Emission reduction goal of 20% by 2030



Goal for the Mining & Energy Sector - 11.2 Mt CO₂e by 2030 (16.8% of total)



Legal Framework (Carbon tax, emission caps – Law 1931/18)



SDG – Goal 13: Climate Action

Goals & Actions



Inventory: 11 Mt CO₂e in 2018
Emission reductions forecasted for 2019
163,528t CO₂e



Ecopetrol emissions reduction goal between 15% to 20% by 2030 – will take part of the Energy Transition program



4 Specific Programs: 1) flare gas burnings reduction 2) venting and fugitive emissions reductions, 3) energy efficiency and 4) renewable energies



CCAC Membership

Progress in 2018

- **Four projects under third party verification for carbon credits. (Self-generation Casabe field, 27.000 ton CO2eq.)**
- **Action plan for fugitive emissions reductions in place and corresponding KPI to measure compliance.**
- **CCAC Membership.**
- **Identification of opportunity through Black Carbon Initiative for flare gas measurements to set up business case.**



Thank you

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