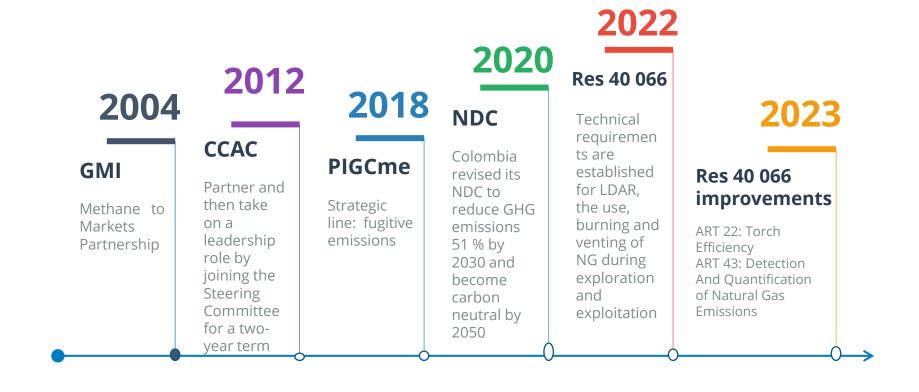
Lina María Castaño Luján Ministry of Mines and Energy





Background on Colombia action on methane





Resolution 40 066 of 2022 adopted

Establish the guidelines, technical requirements and procedures for the detection and repair of leaks, the use, burning and venting of natural gas during hydrocarbon exploration and exploitation activities

Reduce natural gas waste and contribute to climate change mitigation measures by reducing greenhouse gas emissions caused by leaks and the burning and venting of natural gas.



Natural gas flaring

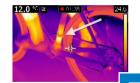
- Maximum volume
- Burning permit
- Reports
- Technologies



Natural gas venting

- Prohibition
- Management of associated natural gas
- Technologies





Fugitive emissions

- Quantification
- Repair
- Prevention and mitigation
- Report



Res 40 066 improvements



Inspection Bodies
Accredited by ONAC?
under which standard?

Technical requirements and methodologies to present the first operational report





Quantification instruments

Detection and quantification can be carried out by specialized third parties or by the Operator



Definition of the standard under which a body that intends to carry out the verification must be accredited

Gives the obligation to the ANH to present the technical guidelines and methodologies for the evaluation of operability

It is enabled that the evaluation can be carried out by first or third party (national or international)

Adjustments to demand that quantification instruments be calibrated by laboratories accredited by ONAC or ILAC and indicate under which standard.



Next steps

Emission Factor

 Information that allows considering an EF for O&G-E&P activities (at facility level)

Challenges around Monitoring, Reporting and Verification

 Need for articulation of all the information that will reach the ANH with the MRV of the mining and energy sector

Extension of the scope of the current regulation

Development of technical elements for new regulations that allow the reduction of methane emissions in the stages of transportation, refining, storage and distribution of hydrocarbons



THANK YOU



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