

# Colorado Transmission and Storage Program

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Planning and Policy Program

ONE Future Conference

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**COLORADO**

**Air Pollution Control Division**

Department of Public Health & Environment

# OVERVIEW

Introduction

T&S Segment Program

GHG Roadmap

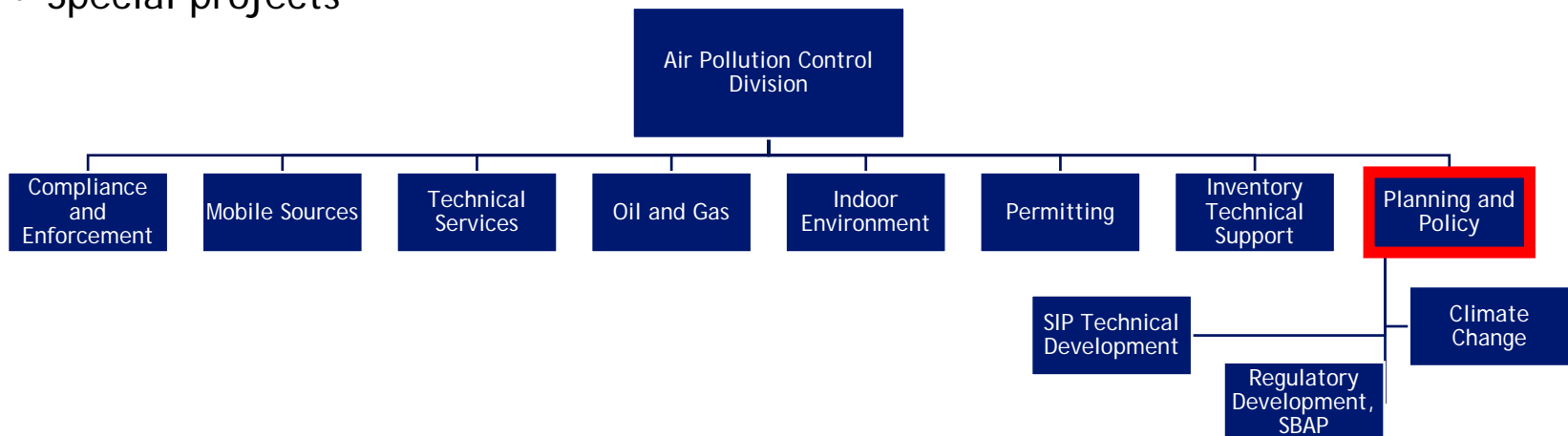




# Planning and Policy Program

- Who/what is P&P

- State Implementation Plan (SIP) planning and development
- Rule analysis and development
- Small business assistance and outreach
- Greenhouse gas (GHG) inventory and reduction strategies
- National Environmental Policy Act (NEPA) and transportation conformity
- Special projects





# Rule Development - Background

- 2016 Control Techniques Guidelines for the Oil and Natural Gas Industry
  - Statewide Hydrocarbon Emission Reductions (SHER) Team
- Colorado Senate Bill 19-181 (Protect Public Welfare Oil And Gas Operations)
  - Directs the AQCC to minimize emissions from oil and gas facilities - exploration and production sites through the transmission sector
  - Specifically, Inspection and maintenance requirements for transmission pipelines and compressor stations
- Colorado Senate Bill 19-096 (Collect Long-term Climate Change Data) - GHG reporting
- Colorado House Bill 19-1261 (Climate Action Plan To Reduce Pollution) - GHG reductions

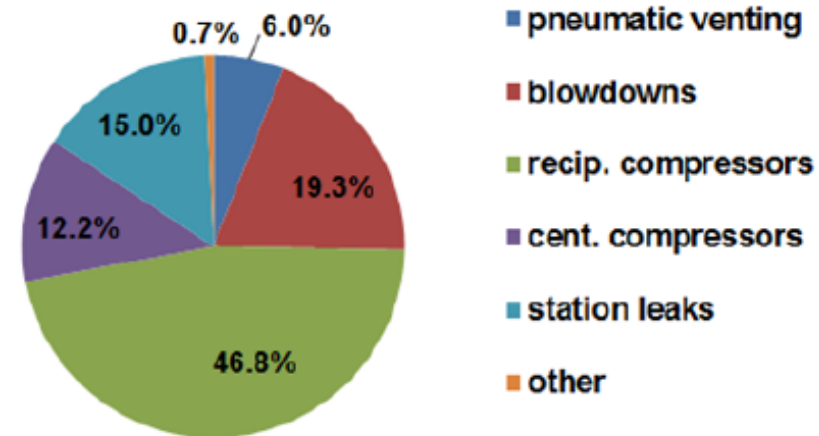


# SHER Team

- Evaluated

- Rod packing replacements
- LDAR
- Voluntary programs

2015 EPA Annual Inventory  
(1.2 MM metric tons methane)

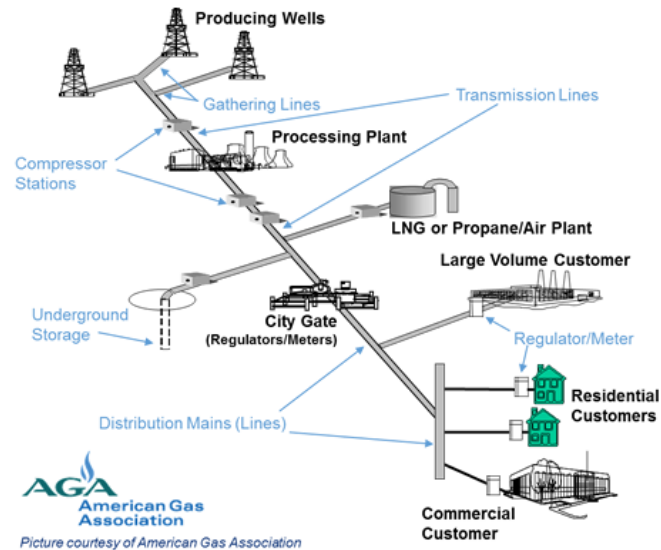




# 2019 proposal

## • Downstream transmission

- Steering committee
  - Inventory protocol
  - Guidance and forms
  - Intensity target set 2023
- T&S segment
  - Performance based reductions - company-specific BMP plans
  - Annual inventory
- Aggregated segment-wide reporting beginning 2022



<b>Production</b>
<ul style="list-style-type: none"> <li>• Pneumatic Controllers</li> <li>• Gathering/Boosting Stations</li> <li>• Tanks</li> <li>• Chemical Injection Pumps</li> </ul>
<b>Gathering and Processing</b>
<ul style="list-style-type: none"> <li>• Reciprocating Compressors</li> <li>• Centrifugal Compressors</li> <li>• Gas Engines</li> <li>• Blowdowns/Venting</li> </ul>
<b>Transmission</b>
<ul style="list-style-type: none"> <li>• Reciprocating Compressors</li> <li>• Station Fugitives</li> <li>• Engines</li> <li>• Pipelines</li> </ul>
<b>Distribution</b>
<ul style="list-style-type: none"> <li>• Mishaps (Dig-ins)</li> <li>• Residential</li> <li>• Mains - Unprotected Steel</li> <li>• Services - Unprotected Steel</li> </ul>



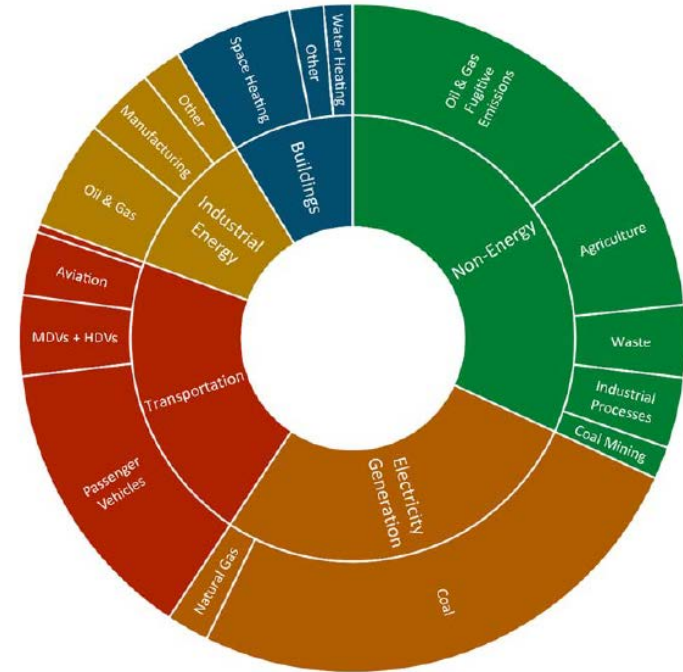
# GHGs

## • State GHG goals

- 2025 - reduce GHG pollution 26% (from 2005 baseline)
- 2030 - reduce GHG pollution 50%
- 2050 - reduce GHG pollution 90%

## • GHG roadmap

- Transportation
- Electricity generation
- Buildings
- Agriculture
- Waste
- Oil and gas sector reductions - 33% reduction in emission for the sector by 2025 and 50% by 2030



Sources of GHGs in Colorado (2015)

# QUESTIONS?

## T&S Program

<https://www.colorado.gov/pacific/cdphe/natural-gas-transmission-and-storage-segment>

## AQCC Regulation Number 7

<https://www.colorado.gov/pacific/cdphe/aqcc-regs>

## GHG Roadmap

<https://energyoffice.colorado.gov/climate-energy/ghg-pollution-reduction-roadmap>

## Comments

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