




Stakeholder Workshop on Oil and Gas Emissions in the GHG Inventory

June 22, 2017



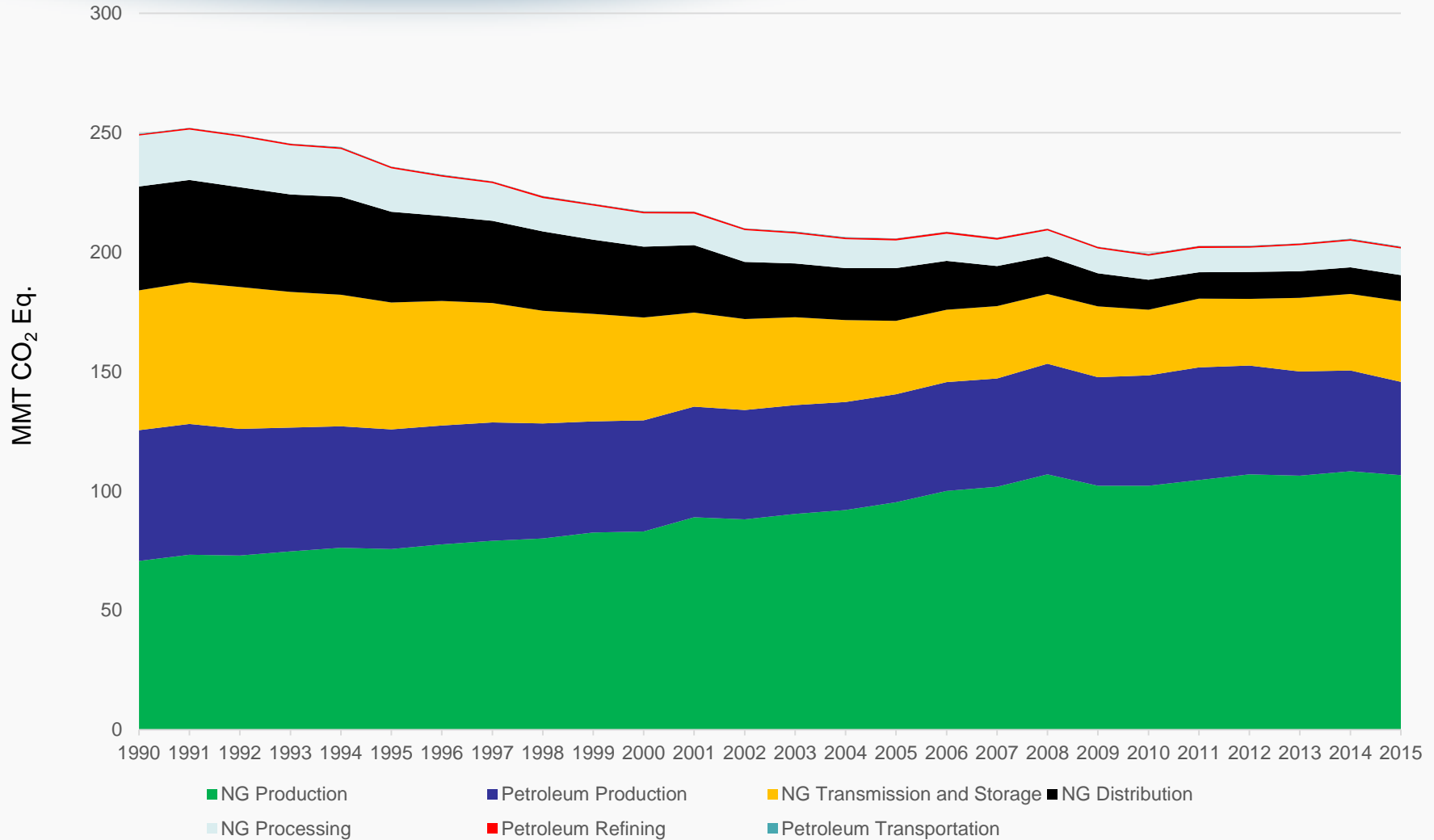


- 2017 GHGI Results Overview
- Stakeholder Process for 2018 GHGI
- Today's Workshop
- Next Steps

2017 GHGI refers to *Inventory of U.S. Greenhouse Gas Emissions and Sinks 1990-2015* (published April 14, 2017)

2018 GHGI refers to *Inventory of U.S. Greenhouse Gas Emissions and Sinks 1990-2016* (to be published April 2018)

Oil and Gas CH₄ in the 2017 GHGI





- Series of webinars and workshops
 - 4/27 webinar on updates in 2017 GHGI
 - 6/22 workshop on the 2018 GHGI—Arlington VA
 - August webinar
 - October workshop or webinar
 - November workshop or webinar
- EPA invites stakeholder presentations with new data or analyses that could be used to update the GHG Inventory

Today's Workshop--A.M.



- Results of a National Study of Methane Emissions from Abandoned Oil and Gas Wells in the United States—Amy Townsend-Small, University of Cincinnati
- Abandoned Wells Methane Quantification Work—Natalie Pekney, NETL
- Update Under Consideration to Include Abandoned Wells in the GHG Inventory—ERG/EPA
- Discussion on Abandoned Wells
- Break
- A Gridded National Inventory of U.S. Methane Emissions—Bram Maasackers, Harvard University
- Improving Estimates of U.S. Oil & Gas Methane Emissions by Comparing Top-Down Estimates in Multiple Basins with a Custom County-Level Emissions Inventory—David Lyon, EDF

Today's Workshop--P.M.



- Uncertainty Input Development for Natural Gas Systems in the GHG Inventory—James Littlefield, NETL
- Update Under Consideration for Natural Gas and Petroleum Systems Uncertainty Estimates in the GHG Inventory—ERG/EPA
- Methane Leaks from Natural Gas Systems Follow Extreme Distributions—Daniel Cooley, Colorado State University
- Discussion on Uncertainty Analysis Updates
- Break
- Preliminary API Comments on Updates to the GHG Inventory—Karin Ritter, API
- Quantification of Methane Emissions from Natural Gas Infrastructure—Christopher Freitas, DOE
- Update Under Consideration for CO₂ Estimates for Natural Gas and Petroleum Systems in the GHG Inventory—ERG/EPA
- Wrap Up and Next Steps

Memos on Updates Under Consideration



- EPA is seeking stakeholder feedback on a number of updates under consideration which we'll discuss today
- Detailed memo on updates
 - Include specific requests for stakeholder feedback
- Memos are available at <https://www.epa.gov/ghgemissions/stakeholder-process-natural-gas-and-petroleum-systems-1990-2016-inventory>
- Seeking feedback by August 3rd
- Send comments to ghginventory@epa.gov

Resources



- Stakeholder Process: <https://www.epa.gov/ghgemissions/stakeholder-process-natural-gas-and-petroleum-systems-1990-2016-inventory>
- GHG Inventory: <https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks>
- Additional detail on natural gas and petroleum systems in the GHG Inventory: <https://www.epa.gov/ghgemissions/natural-gas-and-petroleum-systems>
- Relationship of GHGRP and GHG Inventory: <https://www.epa.gov/ghgreporting/greenhouse-gas-reporting-program-and-us-inventory-greenhouse-gas-emissions-and-sinks>
- Petroleum and Natural Gas Systems in GHGRP (Subpart W) data summary: <https://www.epa.gov/ghgreporting/ghgrp-petroleum-and-natural-gas-systems-sector-industrial-profile>
- Envirofacts: <https://www.epa.gov/enviro/greenhouse-gas-customized-search>