NMED’s Greenhouse Gases Reporting Workshop

Presented by:
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Agenda

- 2010 GHG Emissions Inventory results.
- 2011 GHG Emissions Reporting requirements and process.
- 2012 GHG Emissions Reporting requirements.
- Questions/Comments.

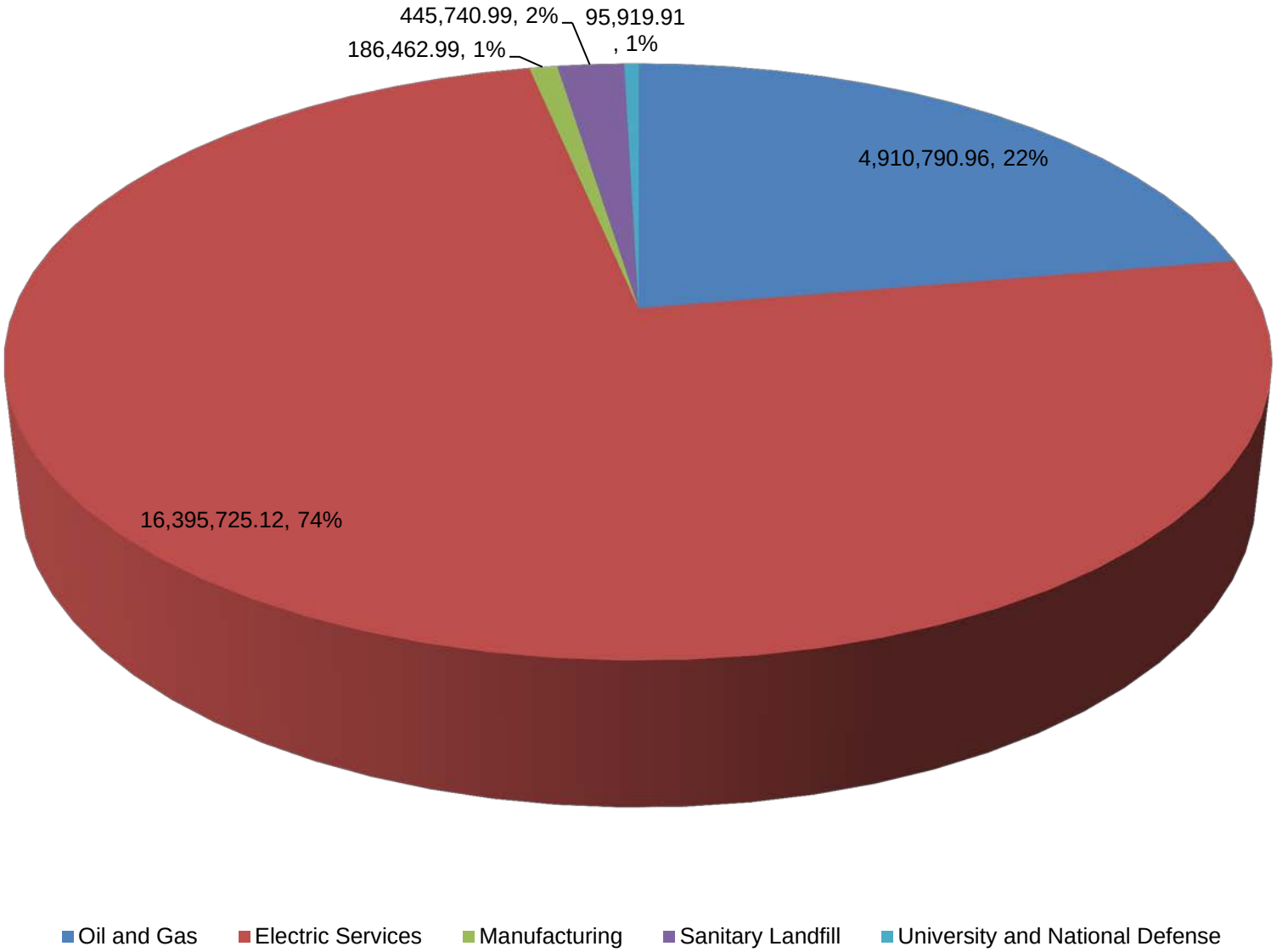
2010 GHG EI Results

- NMED required GHG emission reports from Title V facilities and minor oil and gas facilities.
- Additionally, EPA required GHG emissions reporting for facilities that emit 25,000 metric tons or more.
- NMED has reviewed and analyzed the minor source oil and gas GHG emissions reports and those facilities that reported directly to EPA.
- The Title V GHG emissions are still being reviewed and analyzed.

2010 USEPA GHG Emissions Reporting (New Mexico)

- 68 facilities some reporting emissions less than 25,000 metric tons.
- 22.1 million metric tons of CO_2.
- Includes a handful of non-TV facilities.
- Excludes Tribal and Bernalillo County TV facilities.
- Excludes natural gas distribution providers.

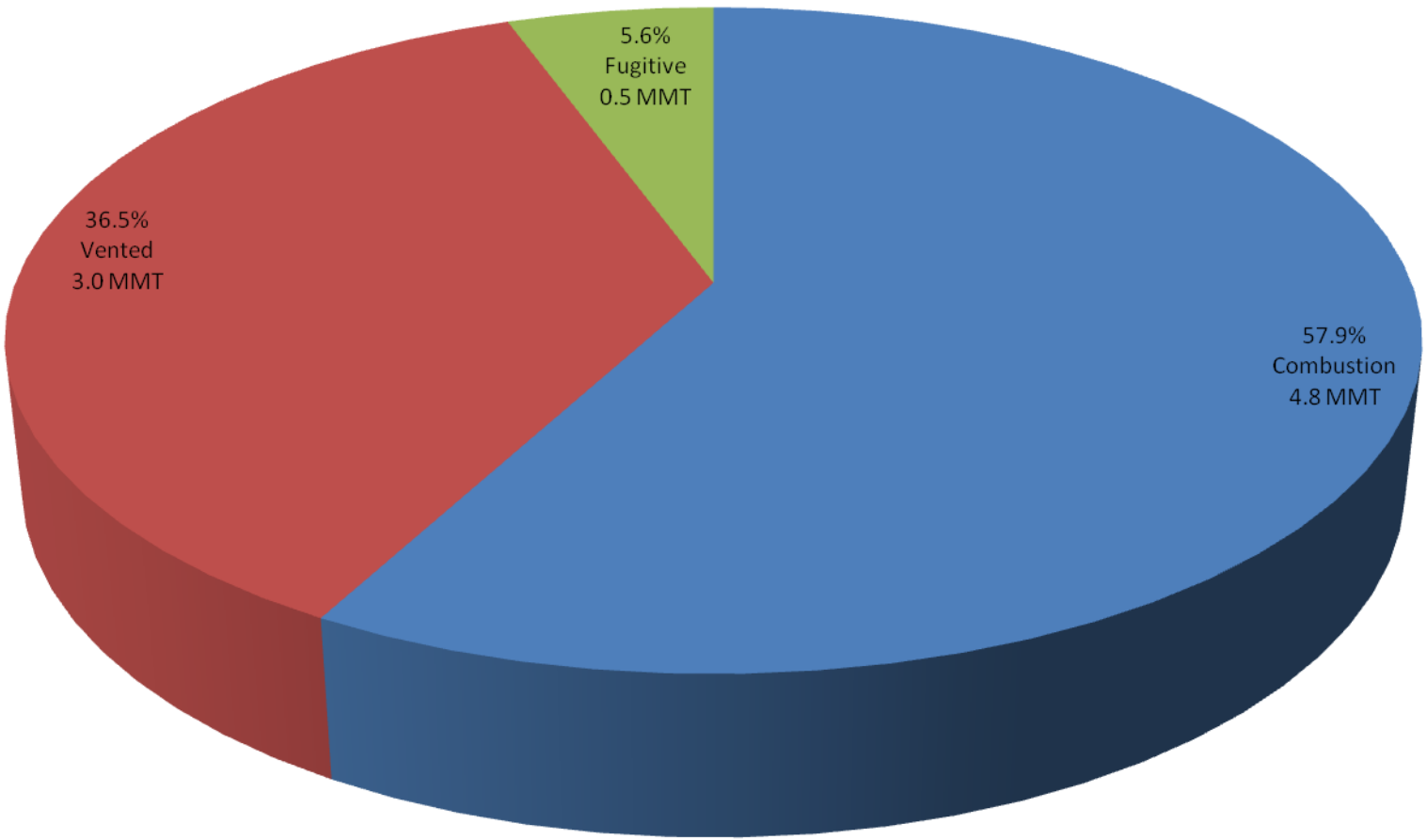
New Mexico GHG Emissions (Metric Tons) by Sector from 2010 USEPA GHG Emission Reports



2010 Minor Oil and Gas Emissions Inventory Results

- 54 reporting entities.
- 921 permitted (i.e. NOI or minor source) facilities.
- Aggregated GHG emissions from each reporting entity.
- CO_2e from (combustion, vented and fugitive sources).
- Does not include well related emissions.

2010 Minor Oil and Gas Source GHG Emissions
8.3 Million Metric Tons (MMT)



GHG Reporting Requirements for 2011 Emissions

- Title V facilities report CO_2 & CH_4 emissions.
- CO_2 & CH_4 combustion, vented and fugitive emissions must be included in oil and gas GHG emission reports.
- Landfills do not have to report non-combustion related CO_2 GHG emissions.
- GHG reports Due April 1st, 2012 except for Title V facilities reporting to EPA.
- Facilities reporting to EPA should submit their reports in accordance with the applicable GHG emissions reporting deadline.

2011 GHG Reporting Process

- Emissions Year 2011 GHG reporting procedures.
- http://www.nmenv.state.nm.us/aqb/ghg/ghgrr_index.html
- Sector specific GHG emissions calculation methods & reported data requirements.
- Title V Sources use AEIR tool for submitting non-EPA reported GHG emissions data.
- AEIR tool to allow self-selection of GHG emissions.
- Include electronic calculation (i.e. Excel spreadsheet) attachment with your submittal as outlined in the procedures.

2011 GHG Reporting Process

- Landfills are required to report CO_2 (Combustion Only) & CH_4 vented emissions.
- Landfills subject to 40 CFR Part 98 Subpart HH: AQB will get copy of report from EPA.
- All others can use EPA methods or industry specific protocols.
- Landfill reporters may voluntarily submit as an attachment sequestered carbon emissions to demonstrate the complete carbon footprint of their facility.

2012 GHG Emissions Reporting Requirements

- Similar to 2011.
- New Mexico Environmental Improvement Board to deliberate on petition to repeal 20.2.300 and 20.2.301 NMAC February 6th.
- If EIB does not revoke these rules, we will attempt to provide guidance to reporters.

2012 GHG Reporting Requirements

- Additional Questions or Comments?