





# Greenhouse Gas Data Collection, Publication and Exchange

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### Overview



- Introduction to EPA's GHG Reporting Program (GHGRP)
- State-EPA GHG IPT
- Collecting GHGRP Data
- Publishing GHGRP Data
- Electronic Reporting Tool: e-GGRT Sneak
   Peak

#### Greenhouse Gas Reporting Program



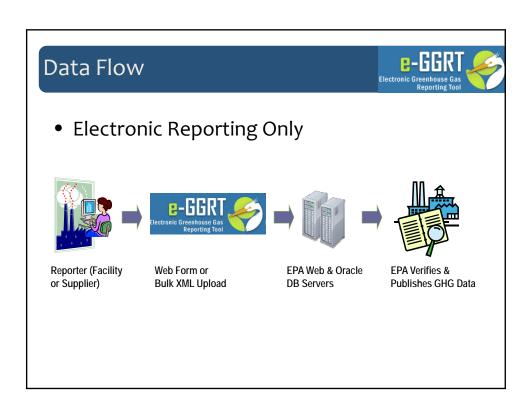
- GHG Mandatory Reporting Rule finalized Fall, 2009
- Collect accurate and timely GHG data to inform future policy decisions.
- Monitoring began in **2010** for most emission sources with first reports due by late summer, 2011.
- An additional 12 source categories began collecting data in 2011 and report by March 31, 2012.
- Rule covers 41 source categories for reporting, accounting for 85-90% of total U.S. GHG emissions.
- Reporting only, no control or use requirements

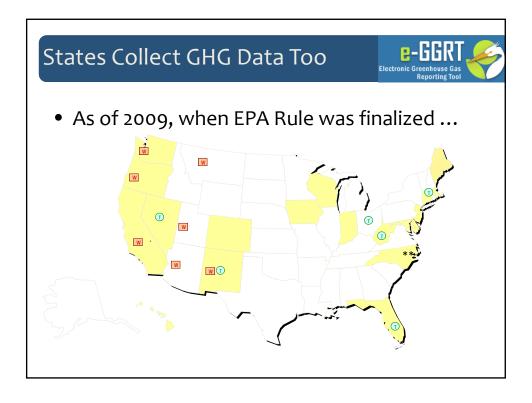


### What will be reported?



- CO2
- CH4 (methane)
- N2O (nitrous oxide)
- Fluorinated GHGs
  - HFCs (hydrofluorocarbons)
  - PFCs (perfluorocarbons)
  - SF6 (sulfur hexafluoride)
  - Other fluorinated gases (except CFC and HCFC and gases <1 mm Hg @250 C)
- Supporting Data which may include
  - Methodologies, standards, sampling frequencies, fuels, emission factors, activity data (production data), missing/substitute data flags
  - Facility ownership, NAICS code(s)





## State-EPA GHG Integrated Project Team

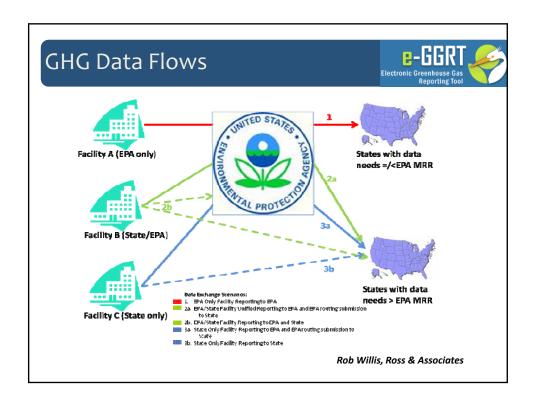


- GHG Data IPT Membership
  - Andy Putnam, CO, State Co-Chair
  - Kong Chiu, EPA Co-Chair
  - State Members: AZ, CA, CO, HI, IA, MA, MI, NC, NJ, NV, NM, OR, WA, WI
  - Technical Consultants: ECOS, Windsor, TCR, Ross
- GHG Data IPT Charge
  - Plan, design, develop, and document a GHG Data Exchange

### GHG IPT Key Work Areas



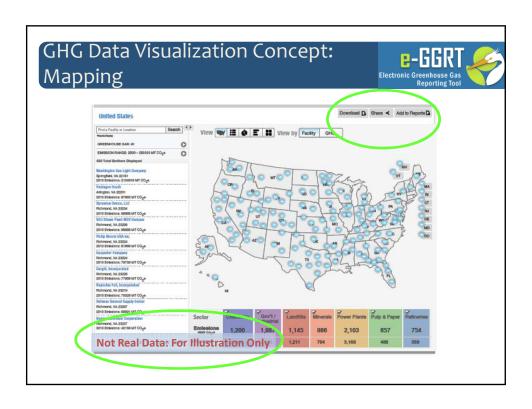
- Phase 1: Identify & Document State Requirements
  - State consultations- differences from federal rule
  - Integrate State Requirements into EPA Electronic Reporting Schema
  - Enhanced federal reporting tool
  - Expanded federal data collection
- Phase 2: Plan, design, develop and document the GHG Data Exchange
  - Facility to EPA and EPA to State data flow(s)
  - Must consider:
  - States w/ no GHG data needs or rules
  - States w/ GHG data needs and/or rules <= EPA rule</li>
  - States w/ GHG data needs and/or rules > EPA rule

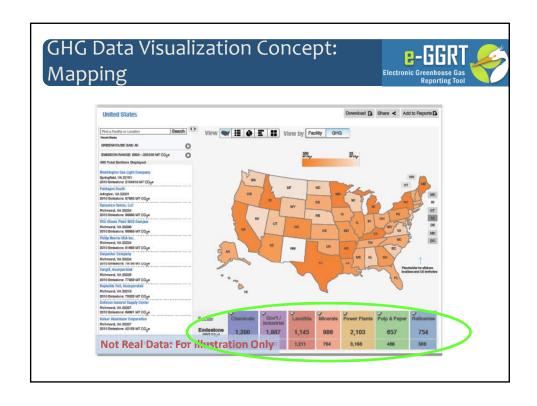


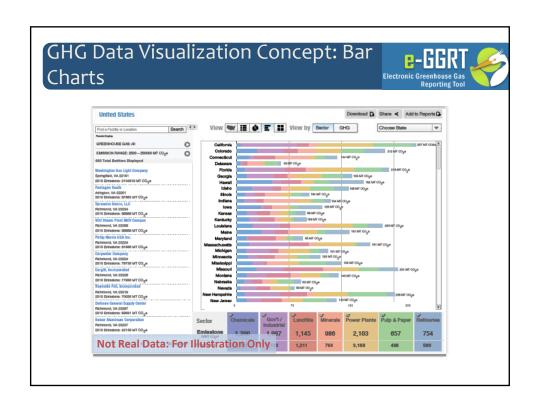
### Publishing GHG Data

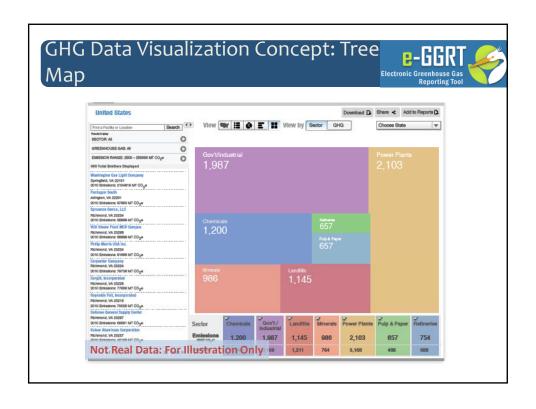


- Goals include:
  - Visually appealing
  - Dynamic
  - Accessible
  - Variety of data formats
- Audience Analysis

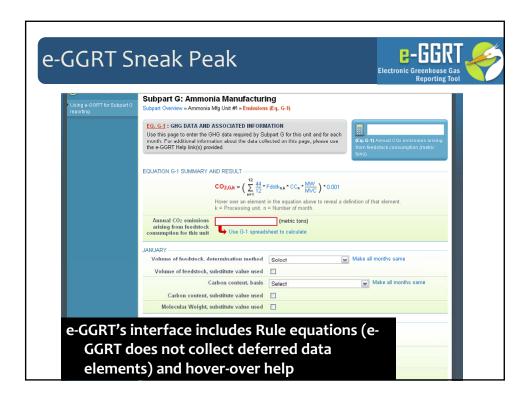














### Thank You!



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www.epa.gov/climatechange/emissions/ghgrulemaking.html https://ghgreporting.epa.gov www.ccdsupport.com