

Center for Corporate Climate Leadership

Resources for Organizational Greenhouse Gas Measurement and Management

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Presented by:

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Overview

Introduction and webinar logistics

Presenters

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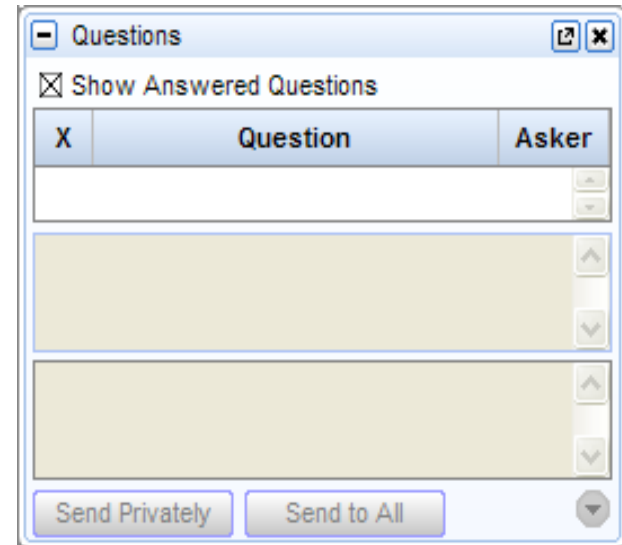
Q&A

Post-webinar survey

Webinar Logistics

- Attendees are muted to reduce background noise.
- Submit questions and comments in writing via the online control panel. →→ →
- To minimize or maximize the control panel, click on the button at the top left of the tool bar.
- Post-webinar survey on this webinar and topics for future webinars.
- Today's presentation will be available at:

<https://www.epa.gov/climateleadership/center-corporate-climate-leadership-webinars-and-events>





Webinar Agenda

- Center for Corporate Climate Leadership Overview
- Tools & Resources Available on the Center's Website
 - Greenhouse Gas (GHG) Inventory Guidance
 - GHG Inventory Tools
 - Supply Chain Resources
 - Climate Leadership Awards



About the Center

- A resource for organizations of all sizes looking to expand their work in the area of greenhouse gas (GHG) measurement and management.
- Provides technical tools and guidance, educational resources, opportunities for information sharing (e.g., Webinars) and peer exchange.
- Promotes practices that reduce GHG emissions, drawing upon the successes of Climate Leadership Award recipients and innovations by organizations.



Greenhouse Gas Inventory Guidance

- Emission Factors Hub
- Cross-sector Guidance
 - Indirect Emissions from Purchased Electricity
 - Direct Emissions from Stationary Combustion
 - Direct Emissions from Mobile Combustion
 - Direct Fugitive Emissions from Refrigeration, Air Conditioning, Fire Suppression, and Industrial Gases
- Tools for Low Emitters



Emission Factors Hub

- In order to report your organizational GHG emissions, convert activity data from operations (e.g., units of fuel used or kWh of electricity purchased) into GHG emissions.
- The Hub provides organizations with a regularly updated and easy-to-use comprehensive set of published default emission factors that can be used for such conversions.
- The factors are collated from:
 - EPA's Greenhouse Gas Reporting Program
 - EPA's U.S. Greenhouse Gas Inventory Report
 - EPA's Emissions & Generation Resource Integrated Database (eGRID)
 - Department of Transportation
 - IPCC Fourth Assessment Report
 - Other select sources
- The most recent version of the Emission Factors Hub (November 2015) includes updates to emission factors for business travel and product transport, and new electricity emission factors from eGRID.



Cross-sector Guidance

- **Indirect Emissions from Purchased Electricity**
 - Guidance to estimate indirect GHG emissions resulting from the purchase of electricity, steam, heat, or cooling.
- **Direct Emissions from Stationary Combustion**
 - Direction to identify and estimate direct GHG emissions from stationary (non-transport) combustion of fossil fuels at a facility (e.g., boilers, turbines, process heat).
- **Direct Emissions from Mobile Combustion**
 - Guidance to identify and estimate direct GHG emissions associated with fuel combustion in owned or operated mobile sources.
- **Direct Fugitive Emissions from Refrigeration, Air Conditioning, Fire Suppression, and Industrial Gases**
 - Direction to identify and estimate direct emissions of GHGs from refrigeration and air conditioning systems, fire suppression systems, and the purchase and release of industrial gases.



Low-emitter Guidance

- **Small Business and Low Emitter Guide to Greenhouse Gas Management**
 - Explains how to approach measuring GHG emissions, instructions for using the GHG Calculator and how to complete an Inventory Management Plan.
- **Simplified GHG Emissions Calculator**
 - Can be used to calculate GHG emissions. Guidance for measuring emissions from stationary and mobile combustion, purchased electricity, refrigeration, and air conditioning is included.
- **Tips for Developing a GHG Inventory and the Simplified Inventory Management Plan Form**
 - Can be used to ensure consistency in how an organization collects data each year to track progress toward reaching an emissions reduction goal.



GHG Goal Setting

- **EPA Corporate GHG Goal Evaluation Model**
 - Uses Analytica software (Player version)
 - Minimal inputs needed: base year, achievement year, NAICS code(s) for organization's sector(s)
 - Projects future emissions intensity for sector(s) based on BLS and EIA data
 - Intensity projection can be used as one benchmark in setting a goal
 - Primarily provides guidance on GHG emissions intensity trends rather than absolute trends - most useful for organizations starting out on their GHG management journey and that are considering intensity goals initially.

- **GHG reduction programs and strategies**



Supply Chain Resources

- Why Engage Suppliers?
 - Encourage supplier alignment with organization’s sustainability goals to mitigate risks and address demands from customers
- Building Internal Support
 - Developing allies, starting small and building on successes, securing executive support
- How to Engage Suppliers
 - Selecting suppliers, defining questions to ask, building trust, providing training
- Leveraging Third-party Programs
 - Collaborating with sector peers to approach common suppliers, leveraging existing reporting programs, referring suppliers to programs that provide support and recognition
- Sector Spotlight: F-GHG in Electronics Manufacturing

Climate Leadership Awards

- Launched in 2012. Co-sponsor with NGOs: Center for Climate and Energy Solutions (C2ES) and The Climate Registry.
- National awards program recognizes and incentivizes exemplary corporate, organizational, and individual leadership in addressing climate change.
 - The 2017 application period will open on June 22nd.
- EPA is also the headline sponsor for the Climate Leadership Conference.





Q&A



Contact Us

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