



USE OF DATA TO MANAGE GREENHOUSE GAS EMISSIONS

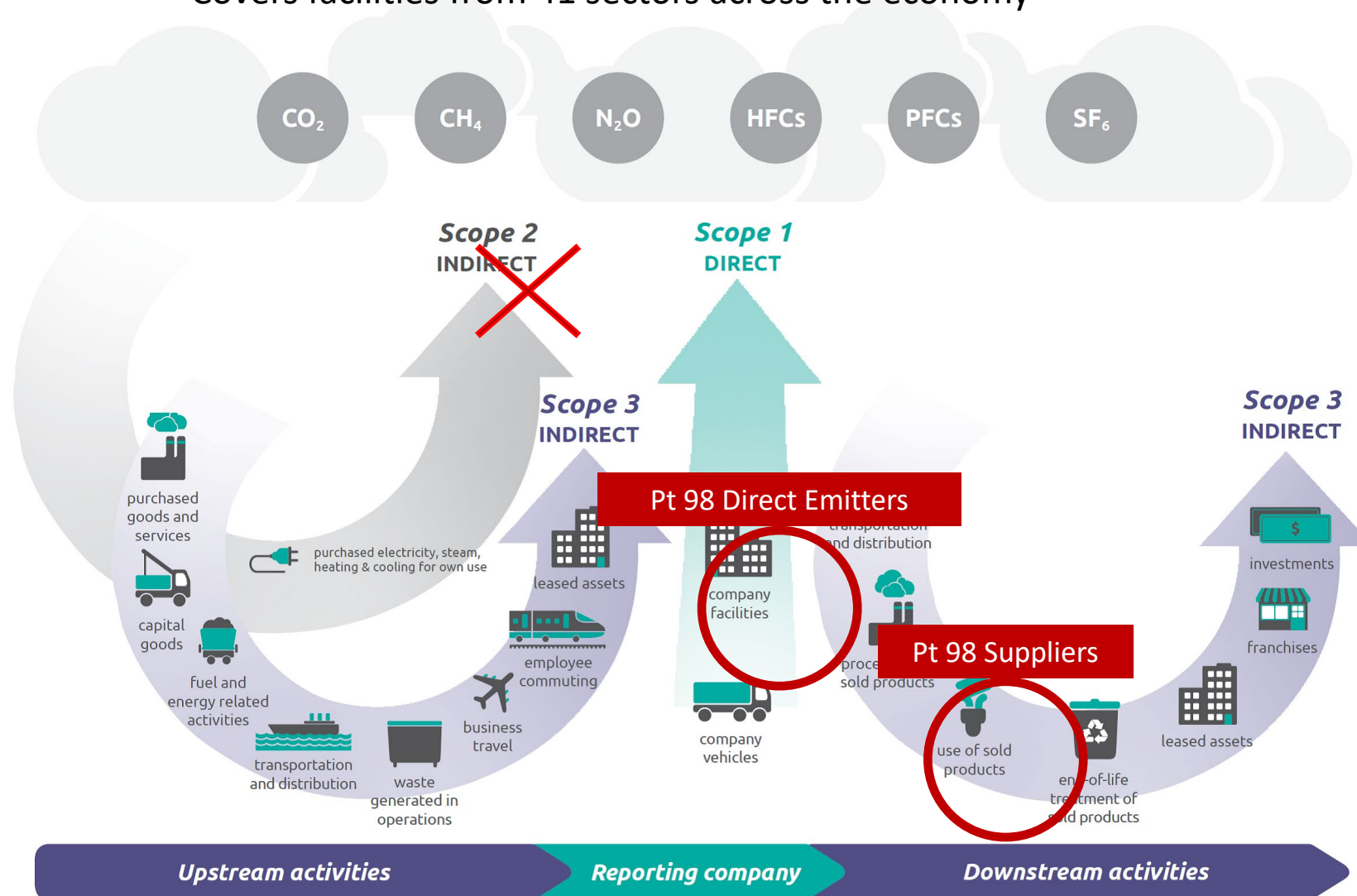
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Methane Partnerships Branch, US EPA

March 2024

EPA's Greenhouse Gas Reporting Program

- Covers facilities from 41 sectors across the economy



- <https://www.wri.org/initiatives/greenhouse-gas-protocol>

EPA publication of Greenhouse Data

flight



Facility Level Information on GreenHouse gases Tool



2021 Greenhouse Gas Emissions from Large Facilities

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Data Year: 2021 | Facility Type: All Emitters | Search Options: Find a Facility or Location

Browse to a State: Choose State | Emissions by Fuel Type: Choose Fuel Type | Filter By: Greenhouse Gas | Emission Range | Filter By Status: All Facilities

Data View: Map | List | Trends | Bar Chart | Pie Chart

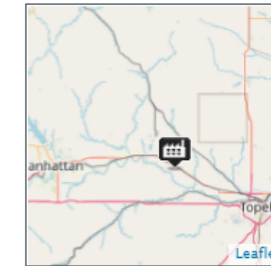
Sector	Power Plants	Petroleum and Natural Gas Systems	Refineries	Chemicals	Other	Minerals	Waste	Metals	Pulp and Paper	Total Reported Emissions
2021 GHG Emissions (Million Metric Tons CO ₂ e)	1,589	312	165	186	121	114	103	82	35	2,708
# of Reporting Facilities	1,326	2,379	137	459	1,304	373	1,460	299	214	7,608

Legend: All Emitters, Onshore Petroleum Natural Gas Production and Gathering & Boosting, Local Distribution Companies and Onshore Gas Transmission Pipelines, SF6 from Electrical Transmission and Distribution Equipment Use, Suppliers, CO2 Injection (IU), Geologic Sequestration of CO2 (RR), Multiple Facilities, Demographic Index, National Map Federal Lands

Map Options: Roadmap (selected), Satellite, Demographic Index

Data Year: 2021
Jeffrey Energy Center

25905 JEFFREY ROAD
ST. MARYS, KS, 66536



Latitude: 39° 16.95' N
Longitude: 96° 06.92' W

GHGRP Id: 1000581
FRS Id: 110006011680
NAICS Code: 221112
Clean Air Markets Division Business Database Id: 805

View reported data

Download reported data (XML)

equivalent (mt CO₂e) (AR4 GWPs, excluding Biogenic CO₂)

Emissions by Gas in mt CO₂e (AR4 GWPs)

Carbon Dioxide (CO ₂)	8,714,010
Methane (CH ₄)	2,330
Nitrous Oxide (N ₂ O)	43,447

Emissions by Source/Process in mt CO₂e (AR4 GWPs, excluding Biogenic CO₂)

Stationary Combustion	857
Electricity Generation	8,758,931

Information on Stationary Combustion

Types of Fuels Used	Distillate Fuel Oil No. 2
Measurement Methods Used	Mass Balance
Number of equipment groupings	5

Information on Electricity Generation

Types of Fuels Used	Distillate Fuel Oil No. 2, Subbituminous Coal
Measurement Methods Used	Direct Emissions Monitoring
Number of equipment groupings	3

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2021 Emissions:
Power Plants : 8,759,787 metric tons CO₂e

This data set does not reflect total U.S. GHG emissions. Learn more about related EPA GHG data sources. Data reported to EPA as of 08/12/2022.



GHGRP Subpart W: Petroleum and Natural Gas Systems

