

Stanford University

Detail Report - Control (Public)

Complete Inventory 2017

Description: Located between San Francisco and San Jose in the heart of Silicon Valley, Stanford University is recognized as one of the world's leading research and teaching institutions.

Industry: 61 - Educational Services

Address: Stanford University
327 Bonair Siding
1st Floor
Stanford, California US

Contact:
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Reporting Information

Reporting Protocol: General Reporting Protocol 2.1 and associated updates and clarifications

GWP Standard: SAR

Base Year:

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: Ruby Canyon Engineering Inc.

Level of Assurance: Reasonable

Entity Emissions | Total in metric tons of CO₂e

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Stationary Combustion	27,589.607017	27,521.913689	51.377718	16.31561	0	0	0	0
Mobile Combustion	2,795.788332	2,755.783538	1.753584	38.25121	0	0	0	0
Fugitive	5,594.331349	235.871059	6.93063	5.29046	3,747.2097	0	0	1,599.0295
Total	35,979.726698	30,513.568286	60.061932	59.85728	3,747.2097	0	0	1,599.0295
NetTotal	35,979.726698	30,513.568286	60.061932	59.85728	3,747.2097	0	0	1,599.0295

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Purchased Electricity - Market Based	28,925.407422	28,879.744045	16.257087	29.40629	0	0	0	0
Purchased Heating - Market Based	519.959601	518.690027	0.966084	0.30349	0	0	0	0
Total	29,445.367023	29,398.434072	17.223171	29.70978	0	0	0	0
NetTotal	29,445.367023	29,398.434072	17.223171	29.70978	0	0	0	0

Biogenic - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Mobile Biomass Combustion	94.602958	94.602958	0	0	0	0	0	0
Total	94.602958	94.602958	0	0	0	0	0	0
NetTotal	94.602958	94.602958	0	0	0	0	0	0

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Stationary Combustion	27,589.607017	27,521.913689	2.446558	0.052631	0	0	0	0
Mobile Combustion	2,795.788332	2,755.783538	0.083504	0.123391	0	0	0	0
Fugitive	5,594.331349	235.871059	0.33003	0.017066	3,747.2097	0	0	0.066905
Total	35,979.726698	30,513.568286	2.860092	0.193088	3,747.2097	0	0	0.066905

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Market Based	28,925.407422	28,879.744045	0.774147	0.094859	0	0	0	0
Purchased Heating - Market Based	519.959601	518.690027	0.046004	0.000979	0	0	0	0
Total	29,445.367023	29,398.434072	0.820151	0.095838	0	0	0	0

Biogenic - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Mobile Biomass Combustion	94.602958	94.602958	0	0	0	0	0	0
Total	94.602958	94.602958	0	0	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO ₂ e (t)	Total Emissions (t of CO ₂ e)	Estimated CO ₂ e as a Percentage of Total*
Market Based	1,626.251201	65,519.696679	2.48207986823791%
*Total based on scope 1, scope 2 & biomass emissions			

Facility Emissions | Carbon Footprint

Equity share - 100% | Entity controls the facility emissions - Yes

327 Bonair Siding, Stanford, California, 94305, US

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Fugitive	5,594.331349	235.871059	0.33003	0.017066	3,747.2097	0	0	0.066905
Total	35,979.726698	30,513.568286	2.860092	0.193088	3,747.2097	0	0	0.066905

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
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Mobile Biomass Combustion	94.602958	94.602958	0	0	0	0	0	0
Total	94.602958	94.602958	0	0	0	0	0	0