GOAL

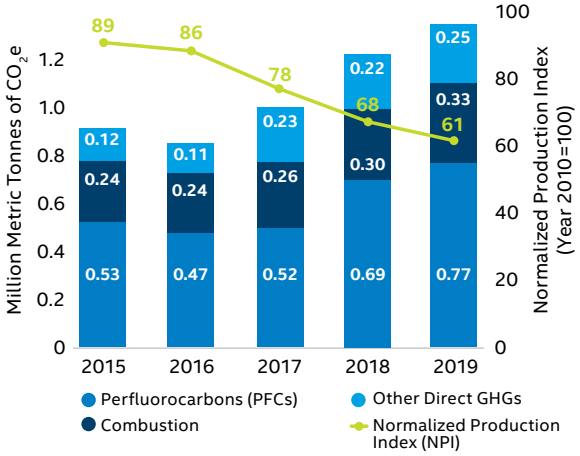
DIRECT GHG EMISSIONS

Reduce direct GHG emissions by 10% on a per unit basis by 2020 from 2010 levels.

Our Progress: Achieved

Through the end of 2019, we reduced our direct GHG emissions by 39% on a per unit, or "intensity" basis from 2010 levels, significantly exceeding our 2020 goal.

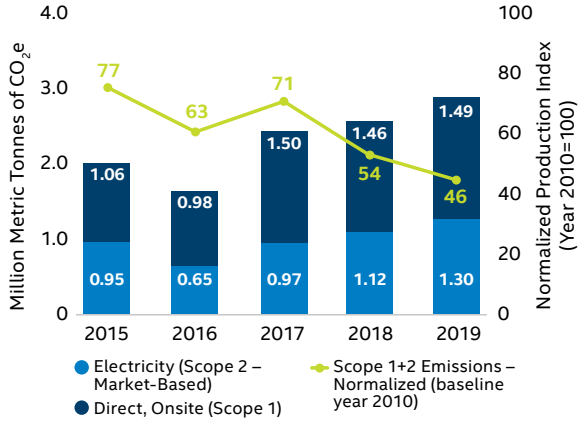
Per unit is based on the number of die produced and made available for sale.



31% ABSOLUTE REDUCTION

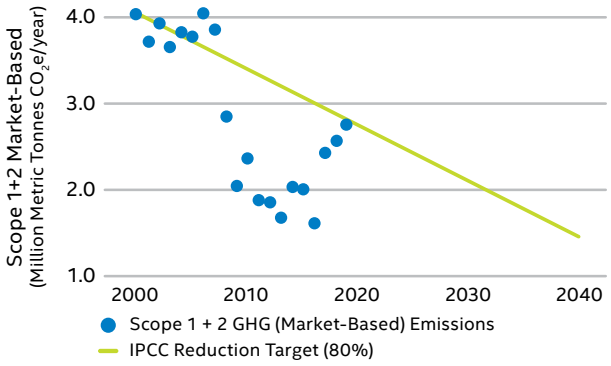
in Scope 1 and 2 emissions since 2000 even as we have expanded our manufacturing capacity significantly

SCOPE 1 + 2 GHG EMISSIONS



Our combined Scope 1 (direct) and Scope 2 (indirect) GHG emissions decreased by 13% (intensity) but increased by 8% (absolute) from 2018 to 2019 due to manufacturing growth.

INTEL'S GHG EMISSIONS – WHERE ARE WE HEADED?



We track our GHG emissions against science-based carbon targets recommended by the Intergovernmental Panel on Climate Change (IPCC).

Our emissions calculations are based on Global Reporting Initiative Standards, the World Resources Institute/World Business Council for Sustainable Development's The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard, and internal criteria defined by Intel management. Additional GHG emissions reporting is publicly available in our CDP questionnaire response on our Report Builder website.

2019 GHG EMISSIONS REPORTED BY CATEGORY (METRIC TONNES OF CO_2E)

Scope	Emissions	Notes
Scope 1 (Direct) Emissions	1,489,000	
Scope 2 (Indirect, Electricity)	1,299,000	Market-based method[1]; includes renewable energy/ REC purchases.
Scope 1 and 2 Total	**2,788,000**	
Scope 3 Total	**20,342,000**	Indirect/value chain.
Leased Vehicles and Commuting	537,000	Employee leased vehicles and commuting.
Logistics and Distribution	255,000	Upstream and downstream transport and distribution.
Employee Business Travel	136,000	Air travel, car rentals, and hotel stays.
Supply Chain	4,446,000	Represents 2019 estimate based on approximately 90% of materials used in manufacturing.
Capital Goods	36,000	Extraction, production, and transport of capital goods purchased.
Fuel and Energy Related Activities	115,000	Impacts related to extraction, production, and transportation of fuels and energy purchased, not already included in Scope 1 or 2. Market-based method.[2]
Waste Generated in Operations	2,000	Disposal and treatment of waste generated in our operations.
Product Energy Usage	14,529,000	Represents the GHG emissions of the product lifetime (3,927,000 metric tonnes of CO_2 annualized).
Processing of Sold Products	285,000	Processing of intermediate products sold to down-stream manufacturers.

[1] Location-based Method Scope 2 Emissions (does not account for any renewable energy/REC purchases) = 3,345,500 metric tonnes CO_2e/year.

[2] Market-based method includes renewable/REC purchases. Location-based method emissions (does not account for any renewable energy/ REC purchases) = 252,000 metric tonnes of CO_2e/year.