

# GHG Emissions Methodology

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## Scope 1 + 2

ADI monitors Scope 1 and Scope 2 emissions for which it has operational control. Emissions are measured and estimated using the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard and GWPs from the IPCC Fifth Assessment report. Process emissions are calculated using IPCC Tier 2a Guidelines for National Greenhouse Gas Inventories for Electronics Industry emissions. WRI Emission factors used are from US-EPA Climate Leadership Emissions Factors for Greenhouse Gas Inventories and market-based factors where available. Location-based emission factors published by the International Energy Agency are used in the absence of market-based factors. Gases in our GHG inventory include CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>, and NF<sub>3</sub>.

## Scope 3

To calculate Scope 3 emissions, ADI follows the GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard. This standard provides requirements and guidance for companies to prepare and report a GHG emissions inventory that includes emissions resulting from value chain activities. ADI uses a mixture of primary and secondary data, depending on the emissions category. A combination of methodologies is used depending on the data available. Primary data are used for categories such as upstream transportation & distribution and business travel. This is collected via outreach to internal stakeholders for data inputs. For purchased goods & services and capital goods, we use an economic-input emissions-output database to estimate emissions. For all remaining categories, emissions are modelled using internal stakeholder data or publicly available external data. To translate spend or consumption data to emissions, we use CEDA or EPA emission factors where available; BEIS emission factors are applied as an alternative if needed. For energy-related emissions, IEA emission factors are used.