



## 2017 Scope and Boundaries

Metrics are tracked in alignment with our fiscal year, which runs from December 1 to November 30. Metrics are collected for all offices in which we have operational control and reported when data is readily available, can be confirmed or accurately estimated. Total impacts are estimated using data representative of at least 75 percent of colleagues or office area where we have operational control.

IHS Markit reports greenhouse gas emissions as follows:

- Scope 1 GHG emissions from wholly owned office spaces
- Scope 2 GHG emissions from wholly owned or partially owned global offices and external data centers
- Scope 3 GHG emissions from air travel

### **Data Collection and Assurance**

Data is collected each fiscal year and audited internally. We use an internal environmental metrics database where we track more than 50 key performance indicators (KPIs) in alignment with and based on the Global Reporting Initiative (GRI) G4 reporting guidelines. We are now in our eighth year of tracking environmental metrics with improvements every year in the availability and access to information.

Our data is managed centrally, with inputs from global “sustainability champions” who are leading local efforts at local offices. The environmental and social data is entered and tracked in a 3<sup>rd</sup>-party sustainability reporting software named [Scope 5](#). The data is then aggregated up to the regional or corporate level for quality control, audit and evaluation.

Additional companywide data such as office area and headcount is also entered and stored in the system by the responsible IHS Markit department using our secure intranet platforms and Scope 5. Data is visible to colleagues at all levels within IHS Markit upon request as a means of facilitating information sharing. The ability to input and edit data is password protected by the responsible IHS Markit department (or employee) to ensure data integrity and is only accessible through the IHS Markit network until formatted and ready to publish externally. To ensure data reliability, only administrative owners make final approvals and changes.

Our internal environmental data verification is led by two full-time data analysts, including a lead analyst who has an extensive background in environmental chemistry and data analysis. This team is responsible for quality control and assurance across key areas such as greenhouse gas emissions, operational office usage metrics and cross-functional environmental commitments. The Scope 5 software assists our quality control process by detecting data outliers, checking for completeness, and allowing us to easily audit our data.

Note: GHG emissions, as CO<sub>2</sub>-equivalent, were estimated from publications of The Greenhouse Gas Protocol and The Climate Registry that include US eGrid and international emission factors.

## Scope and Boundaries - Detail

Metric	Units of Measure	Sources	Calculation Methods	Notes
<b>Scope 1 emissions</b>	Therms or liters, GHG emissions	Meter readings Utility bills (from vendor)	Used published emission factors from The Greenhouse Gas Protocol and The Climate Registry for our emission factors	Wholly owned office spaces only
<b>Scope 2 emissions: office electricity</b>	MWh, GHG emissions	Property manager Meter readings Utility bills (from vendor)	If not using meter reading, reported electricity usage is pro rata Cost per kWh (for specific region) may be used to estimate electricity usage When data was not available, we used energy unit intensity (EUI) figures for office buildings with greenhouse gas (GHG) emissions factors for electricity. The EUI figures come from the Commercial Buildings Energy Consumption Survey (CBECS)	Used published emission factors from The Greenhouse Gas Protocol and The Climate Registry for our US eGrid and international emission factors  Wholly owned or partially owned global offices
<b>Scope 2 emissions: data centers</b>	MWh, GHG emissions	IHS Markit IT department	Electricity usage calculated using power consumption Used published emission factors from The Greenhouse Gas Protocol and The Climate Registry for our US eGrid and international emission factors	Assumptions: Servers are running at maximum capacity, 24 hours a day, 365 days per year  External data centers only
<b>Scope 3 emissions: air travel</b>	Miles, GHG emissions	IHS Markit Travel department and our corporate travel vendor	DEFRA/DECC's GHG conversion factors (July 2011)	
<b>Landfill waste and recycling</b>	Weight (pounds)	Property manager Utility bills (from vendors) Sustainability Site Champion	Weight or estimated weight	If data is not available for the full fiscal year, the weight of waste is estimated using random sampling and extrapolation of this data for the whole year (actual and/or pro rata)

Metric	Units of Measure	Sources	Calculation Methods	Notes
<b>Electronic waste (E-waste)</b>	Weight (pounds)	IHS Markit IT department and our E-waste vendors	Weight or estimated weight	
<b>Water usage</b>	Cubic meters	Meter readings Utility bills (from vendor)	Total corporate contribution is estimated from data at our large, wholly owned Englewood office	Only potable water usage reported. No other significant use of water
<b>Paper usage</b>	Weight (Pounds), % Post-Consumer Recycled,% Certified	Sustainability Site Champion or Corporate Sustainability department	Weight or estimated weight based on: paper purchased or count of paper printed	Paper usage measured as the amount of copier paper used  If data is not available for the full fiscal year, the weight of paper usage is estimated using random sampling and extrapolation of this data for the whole year
<b>Monetary donations</b>	US dollar (US\$)	Sustainability Site Champion or Corporate Sustainability department	Currency converted to USD using 12-month average of monthly balance sheet exchange rates	Includes corporate donations and fundraisers
<b>Other community donations</b>	hours, count, weight (pounds)	Sustainability Site Champion	Estimated values used when exact number not available	Metrics reported for IHS Markit-sponsored or supported events only
<b>Headcount and office area</b>	count, square feet	IHS Markit Workplace Resources and Human Resources departments		

**Document Management:**

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