Carbon Emissions: Scope 1, Scope 2, Scope 3



Scope 1 emissions are direct greenhouse (GHG) emissions that occur from sources that are controlled or owned by an organization (e.g., emissions associated with fuel combustion in boilers, furnaces, vehicles).

Scope 2 emissions are indirect GHG emissions associated with the purchase of electricity, steam, heat, or cooling. Although scope 2 emissions physically occur at the facility where they are generated, they are accounted for in an organization's GHG inventory because they are a result of the organization's energy use.

Scope 3 emissions are the result of activities from assets not owned or controlled by the reporting organization, but that the organization indirectly affects in its value chain.

Scope Emissions: Wholesaler Perspective Wholesaler - Scope 3 Wholesaler Scope 1, 2 Example: Example: - Material Mining - FG Transportation - Material Transportation - Fuel Combustion - In-Use Phase Emission - Product Disposal Fuel from Store - Grid Electricity Owned Electricity - Process Waste Vehicles 俞 朣 **Scope Emissions: Manufacturer Perspective** Manufacturer Scope 1, 2 Manufacturer - Scope 3 - Material Mining - Material Transportation Examples: - FG Transportation - Store Electricity - Product Disposal - In-Use Phase Emission Machinery Fuel, Site Electricity 鮋