When factoring heat generation required for the manufacturing and transportation of products, *Greenhouse gas emissions attributable to products, from food to sneakers to appliances, make up more than 75% of global emissions.* -**The Carbon Catalogue**

Our data, which is publicly available on **nature.com**, contains product carbon footprints (PCFs) for various companies. PCFs are the greenhouse gas emissions attributable to a given product, measured in CO_2 (carbon dioxide equivalent).

This data is stored in a PostgreSQL database containing one table, prouduct_emissions, which looks at PCFs by product as well as the stage of production that these emissions occurred. Here's a snapshot of what product_emissions contains in each column:

product_emissions

field	data type
id	VARCHAR
year	INT
product_name	VARCHAR
company	VARCHAR
country	VARCHAR
industry_group	VARCHAR
weight_kg	NUMERIC
carbon_footprint_pcf	NUMERIC
upstream_percent_total_pcf	VARCHAR
operations_percent_total_pcf	VARCHAR
downstream_percent_total_pcf	VARCHAR

You'll use this data to examine the carbon footprint of each industry in the dataset!

```
-- Find the most recent date
SELECT MAX(year)
FROM product_emissions;
```

Max: 2017

```
-- Complete the query
SELECT industry_group,
        COUNT(country) AS num_companies,
        ROUND(SUM(carbon_footprint_pcf),1) AS total_industry_footprint
FROM product_emissions
WHERE year = 2017
GROUP BY industry_group
ORDER BY total_industry_footprint DESC;
```

Industry_group	Num_companies	Total_industry_footprint
Materials	**11**	**107129**
Capital Goods	**4**	**94942.7**
Technology Hardware & Equipment	**22**	**21865.1**
Food, Beverage & Tobacco	**22**	**3161.5**
Commercial & Professional Services	**2**	**740.6**
Software & Services	**1**	**690**