

Total Energy (MWh)

4M

Total CO<sub>2</sub> (tons)

873M

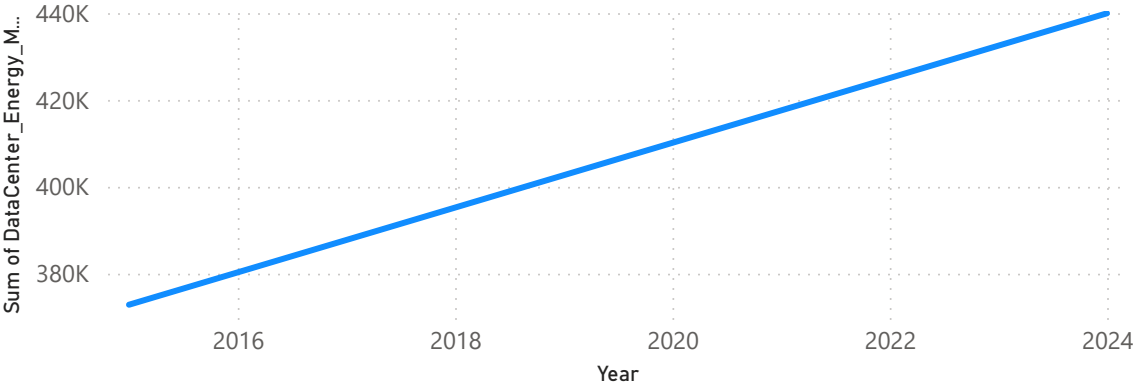
Avg Renewable

27K

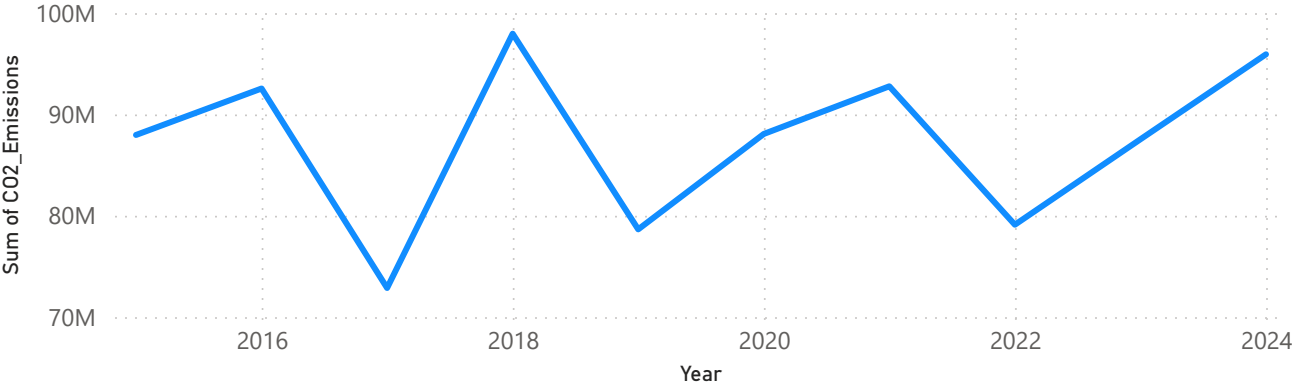
Scenario CO<sub>2</sub> @ 80% Renewables

329M

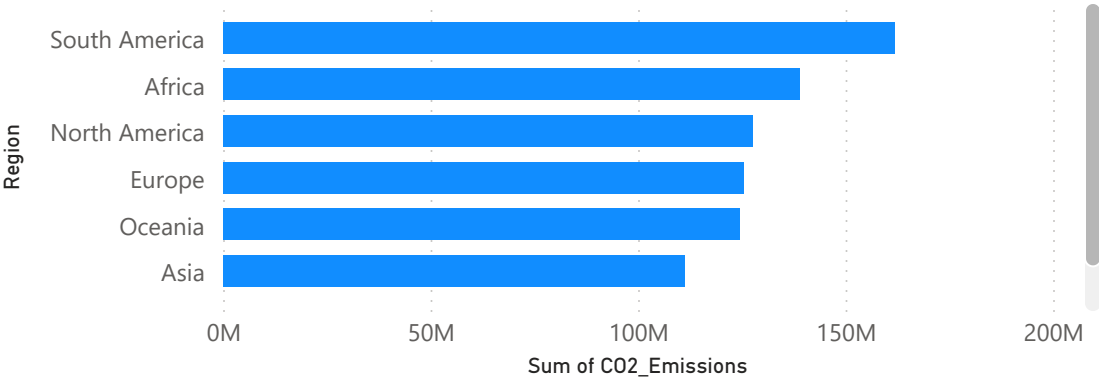
Sum of DataCenter\_Energy\_MWh by Year



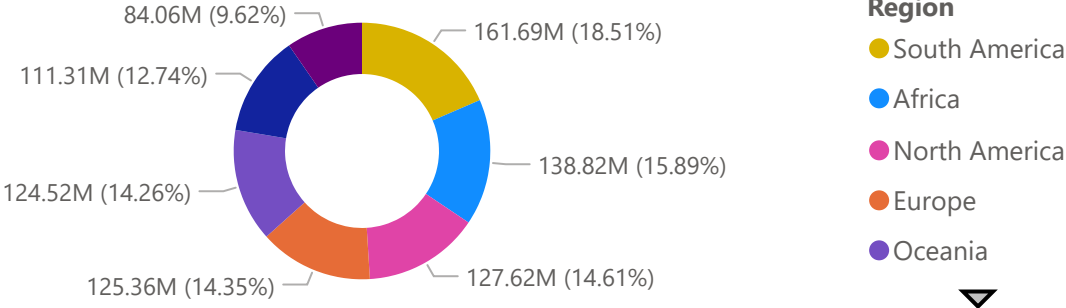
Sum of CO<sub>2</sub>\_Emissions by Year



Sum of CO<sub>2</sub>\_Emissions by Region



Sum of CO<sub>2</sub>\_Emissions by Region



- 🌐 Asia and North America together contribute ~55–60% of global CO<sub>2</sub> emissions from data centers.
- ⚡ If renewables increased to 80%, global CO<sub>2</sub> emissions would drop by ~65–70% compared to current levels.
- 📊 Europe leads with the highest renewable adoption (often >50%), while Africa and the Middle East lag at ~30–35%.