

# Sustainability of data collection

- Desktop: 11 W (idle) – ~200 W (without GPU)
- Small server: 30 W – ~300 W
- Large server: 200 W – ~2000 W
- Used 80 servers to check some model: total power ~16 kW
- Cost: 2000W x 80 servers x 84 hours = **13.44 MWh**
- + cooling/networking.... factor 2 (for small servers)
- Energy cost: transferring + storing + computing
- Less (data) is more (sustainable + privacy friendly)
- Check when you do expect to use energy:  
<https://app.electricitymap.org/>

