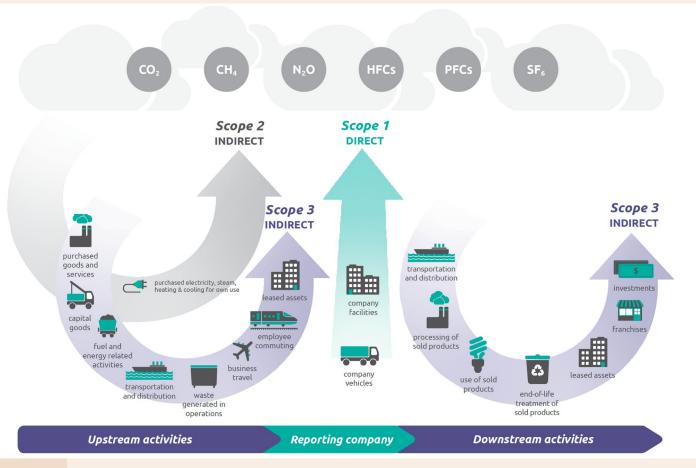
Engineering for Sustainability

Namrata

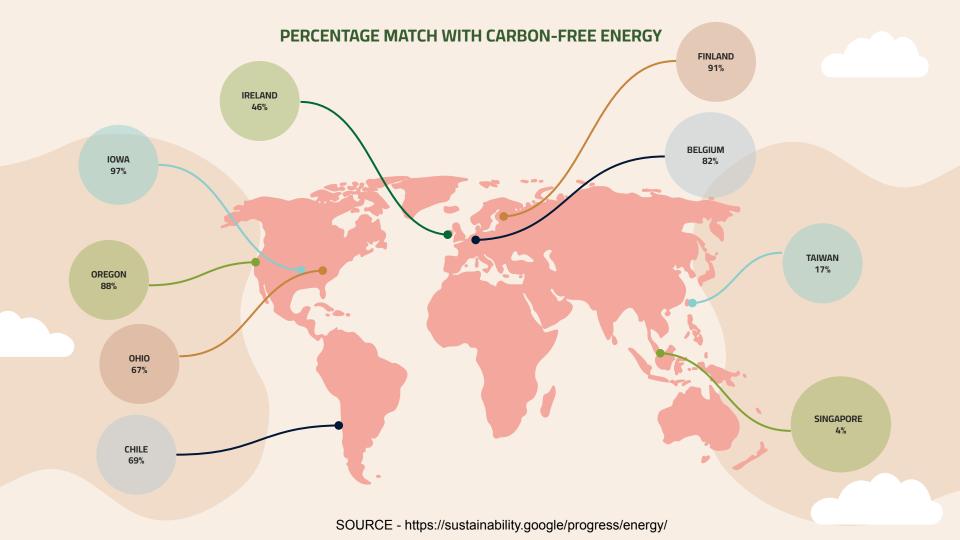
Workday







Source: WRI/WBCSD Corporate Value Chain (Scope 3) Accounting and Reporting Standard (PDF), page 5.



MONITORING SOLUTIONS



Customer Carbon Footprint

GCP

Carbon Footprint tooling API



AZURE

Microsoft Sustainability Manager



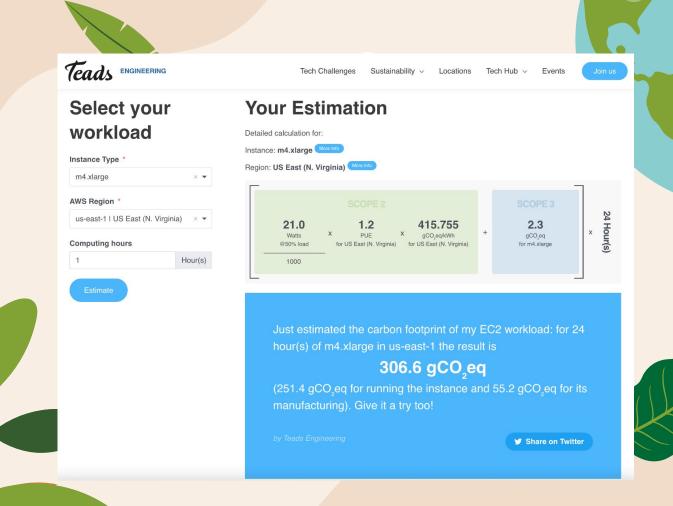
CloudCarbonFootprint.org
Green Software Foundation



Higher resource wastage leads to higher carbon emissions







Better resource utilisation



Software Carbon Intensity



Orchestration Platforms



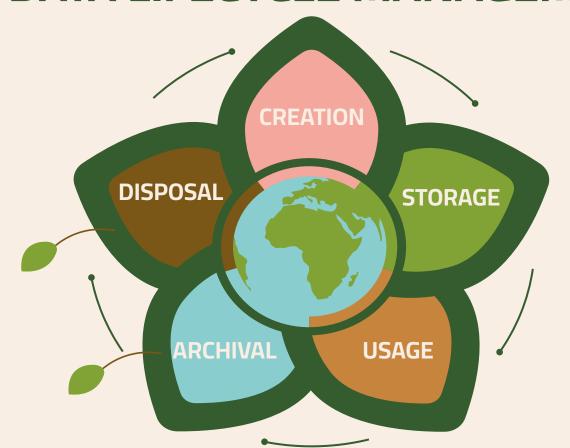








DATA LIFECYCLE MANAGEMENT















SLO









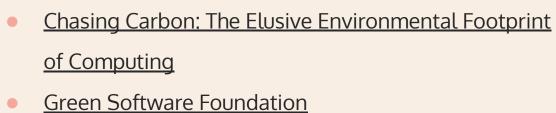


REFERENCES

- Paris Agreement 2016
- Scopes of Emission
- Economic modelling for carbon
- Process level modelling for carbon
- Monitoring Carbon by Adrian Cockroft
- Impact of Digital Waste



REFERENCES



- GHG for data centers
- Carbon offsetting and how does it work
- Coursera finance of climate change

