



Calculators & Tools

Quantify your project's impact and explore the footprint of digital and AI usage

Calculators help you translate your carbon reduction project into concrete numbers — essential for building a compelling business case and comparing the impact of different interventions.

[TOOL] EPA Greenhouse Gas Equivalencies Calculator

<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

A free, government-backed tool that converts abstract emissions numbers into relatable everyday equivalents — for example, "X pounds of CO₂ is equivalent to driving Y miles" or "powering Z homes for a year." Excellent for making your project's impact tangible in presentations and reports.

[TOOL] AI Impact Calculator

<https://aiimpactcalculator.com/>

Estimates the energy, carbon, and water footprint of everyday AI tool usage — including ChatGPT, Claude, and image generators. Useful if your project involves assessing digital or technology-related emissions, or if your organization is a heavy AI user.

[TOOL] University of Michigan — Green Research Computing: Evaluate Your AI Impact

<https://guides.lib.umich.edu/c.php?g=1459709&p=11107909>

A curated library research guide with tools, data sources, and readings for evaluating and minimizing the environmental impact of AI and computational research. Includes links to multiple calculators and published studies on AI energy consumption. Updated March 2026.