

PATENT PENDING

The World's First Autonomous Fundraiser

POWERED ENTIRELY BY AI

 **Version2.ai**
powered by  givzey

The Carbon Footprint of Autonomous Fundraising

Version2.ai's Virtual Engagement Officer (VEO) infrastructure produces **just 0.75 metric tons of CO₂ annually**—83% less than the average US commuter's driving emissions (4.6 metric tons).

Why VEOs Have Minimal Environmental Impact

We Don't Train Large Language Models from Scratch

Unlike AI companies that train foundational models, Version2.ai leverages existing, pre-trained models. This eliminates the massive computational costs and carbon emissions associated with training LLMs from the ground up.

What this means:

- No intensive GPU clusters running for months
- No repeated training cycles consuming terawatts of energy
- Dramatically lower carbon footprint than model development companies

Our Infrastructure Focuses on Inference-Only

VEOs operate using AI inference—applying already-trained models to fundraising tasks. This is fundamentally different from model training.

The technical breakdown:

- 84% of our AWS emissions come from LLM inference (Amazon Bedrock) and database infrastructure
- 16% from virtual machines running our services
- Minimal emissions from data storage and vector database searches
- Our ML models for move management are computationally inexpensive to train

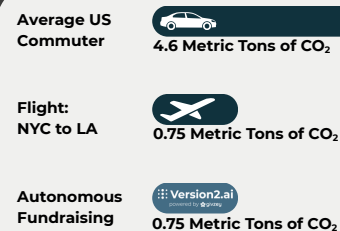
Efficient Retrieval-Augmented Generation (RAG)

Version2.ai's "training" in the context of your organization's data is incredibly efficient:

- Stores unstructured text in object storage (essentially zero emissions)
- Uses vector databases for quick, low-cost searches
- No repeated retraining or fine-tuning required

CO₂ Perspective

Annual Carbon Emissions Comparison



- Avg US commuter: 4.6 metric tons CO₂
- **Version2.ai total infrastructure: 0.75 metric tons CO₂** (6x less than one person's commute.)

What 0.75 metric tons equals:

- Driving approximately **1,875 miles** in an average car
- **One flight** from NYC to LA
- About **2 months** of an average US household's electricity use

Built for Scale

As Version2.ai grows and serves more nonprofit organizations:

- Current emissions represent total infrastructure, not per-client
- Scalability will improve carbon efficiency per VEO deployed
- We actively track emissions through AWS's carbon dashboard using market-based methodology (the most accurate assessment method)

To learn more, visit www.version2.ai