Grantable

The Environmental Impact of AI Usage

As we partner with organizations to enhance their grant workflows, we're committed to responsible AI implementation that minimizes environmental impact. Here's how we approach sustainable AI usage:

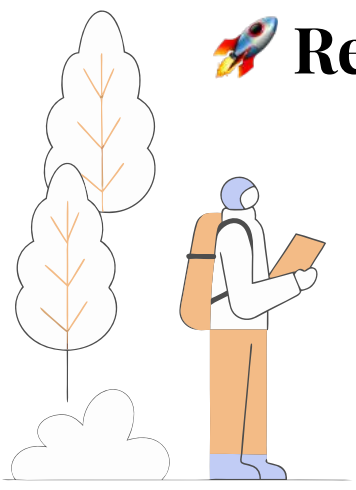
👣 AI Energy Footprint

To put AI's energy consumption in perspective:

- **Training Large AI Models:** Training a model like the first version of ChatGPT consumed electricity equivalent to what 130 average U.S. households use in an entire year.
- **Daily Usage Comparison:** While a typical search engine query uses about 0.3 watt-hours of electricity, a single AI prompt requires approximately 10 times that amount (3 watt-hours).
- **Personal Usage Impact:** An average person making 10 AI queries per day consumes the same amount of electricity annually as keeping a refrigerator running for about 3 days.
- **Scale Impact:** At a global scale, if just one billion people made one AI query daily, it would consume electricity equivalent to powering over 2 million refrigerators continuously.

🌲 How We Help the Environment

- **Smart Document Handling:** We only process the documents or even fragments of documents you need, which uses less energy.
- **Energy-Saving Design:** We've built our system to use smaller, less energy-intensive AI models when possible in order to use only the power it needs while still working well.
- **Smart Source Selection:** Our interface lets users easily choose which documents and sections to analyze, reducing unnecessary processing and energy usage.
- **Efficient Interaction Design:** The platform's intuitive controls help users get better results in fewer attempts, minimizing the computational resources needed for each task.



🚀 Real-World Benefits

- **Faster Results:** Our efficient system gives you quick answers while using less power.
- **Better Storage:** We save your information in a way that takes up less space and uses less energy.
- **Growth That Stays Green:** Even as you use our system more, we keep energy use low.

Here's how our approach compares to traditional AI usage:

Feature	⚠️ Regular AI Tools	🌱 Grantable's Approach	🔋 Energy Savings
Reading Information	Uses more space than needed for every task	Only uses the space it needs, and shows you how much	Uses much less power
AI Tools Used	One big tool for everything	Several smaller tools for specific tasks	Uses less energy for each task
Handling Documents	Reads everything available	Only reads what you choose	Much less work needed
Finding Information	Keeps searching the same way repeatedly	Smart search that remembers what it found	Finds things more efficiently
Saving Results	Rarely saves previous work	Saves useful information for later	Fewer repeat searches needed

These efficiencies compound to create significant energy savings while maintaining or improving performance.

🌍 By choosing Grantable, you're partnering with a company that understands the environmental priorities of mission-driven organizations. We recognize that many of our partners are actively working to address climate change and environmental challenges, which is why we've built our AI capabilities with thoughtfulness and efficiency in mind - allowing you to leverage the benefits of AI while minimizing its environmental impact.