

Talking Points: The State of Green Software (SOGS)

What

A comprehensive digital publication by the Green Software Foundation providing the latest insights, trends, challenges, and opportunities in decarbonizing software.



How

SOGS consolidates essential data, analysis and information from secondary research, a global survey and interviews with software industry practitioners on carbon computing research, policy, application and techniques for building AI, machine learning, web applications, and cloud-based solutions.

Why

Empower developers, designers and solution architects at any level to gain buy-in for wider-scale adoption of tools and principles proven to reduce software's harmful effects on the environment and meet carbon reduction targets.

The Audience

- All types of software practitioners at any level of seniority; includes engineers, designers, solution architects and project managers

The Most Compelling Insights

- Measuring carbon emissions is crucial for scaling sustainable AI
- Responsible AI is green AI
- Green Software is vital for a net zero future
- Software legislation has quadrupled in the last decade
- 92% of software practitioners are concerned about climate change
- Carbon-aware software is central to decarbonization



Business Case

1. Green software can reduce energy costs for companies.
2. Green Software can boost a business's bottom-line.
 - 72% are willing to pay more for cloud computing services that are net-zero and powered by 100% carbon-free energy.
3. Green software is vital for a net zero future.
 - Cutting down on zombies, unused technologies, code that is no longer needed, or redundant data reduces operating costs along with emissions.
4. Sustainability is key for employee recruitment and retention.
 - 30% of respondents also said they had chosen to leave a job because of poor sustainability performance.