

AI, Sustainability, and the Global Economy



AI's Impact on the Environment: the good, the bad, and the ugly

- Heat and the future of human productivity
- The carbon footprint of generative AI
- \$414.8 billion in revenue in 2023
- Expected to reach \$ 1.6 trillion by 2028 and \$22 trillion by 2050
- CAGR 31% from 2023 to 2028
- \$7 trillion per year in investments that fuel climate change
- Carbon credit auditing (AI & IOT)
- Improved market efficiency (Ethiopia, NASA & IBM)
- Imagery analysis Ag & forest fires)
- Green bonds and the \$130 trillion bond's market



AI & Business Valuations



AI's Impact on Corporate Valuations

- \$4.4 trillion additional corporate profits per year (McKinsey)
- Nvidia
- Microsoft Azure
- Meta, google, and others

AI's Impact on Humanity

- The AI-Divide
- The Invisible Billions
- Ethics and personal responsibility
- IP rights
- Fraud and cybersecurity

AI Flattens the World

- The Hong Kong Heist

- One Person Unicorns



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