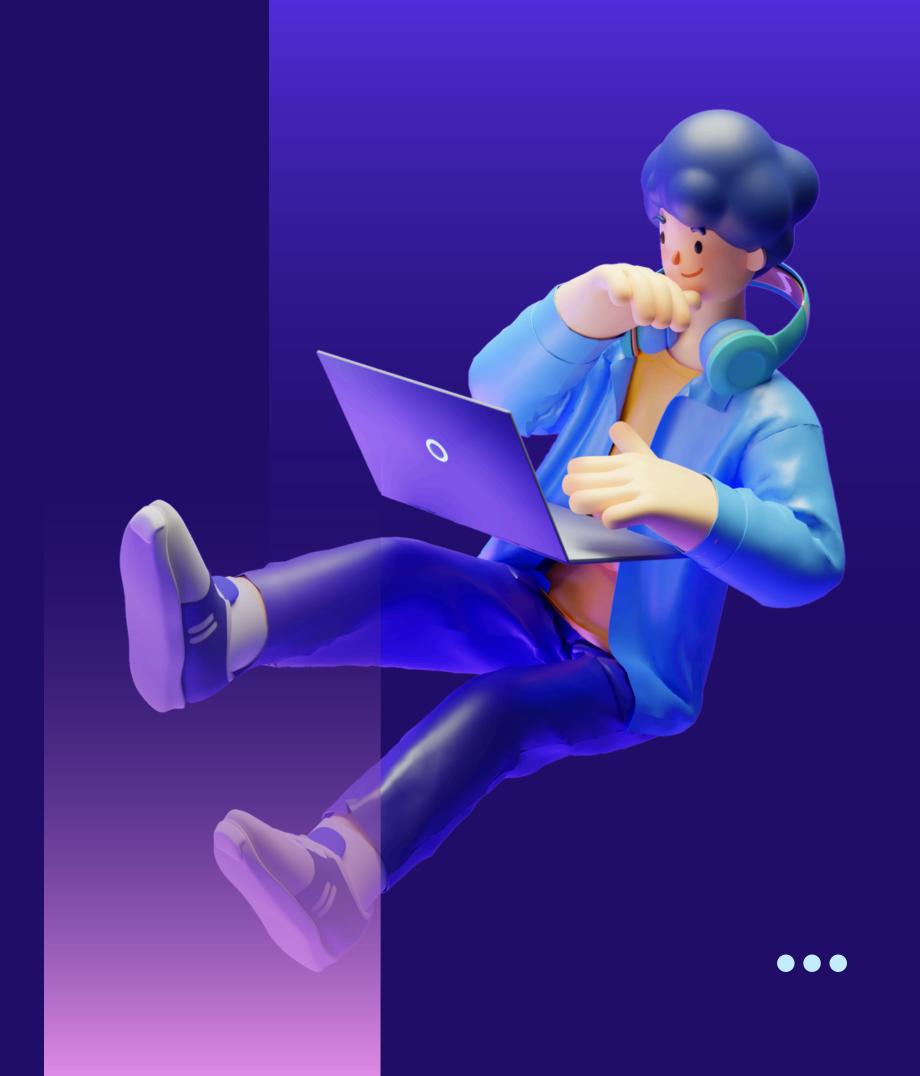
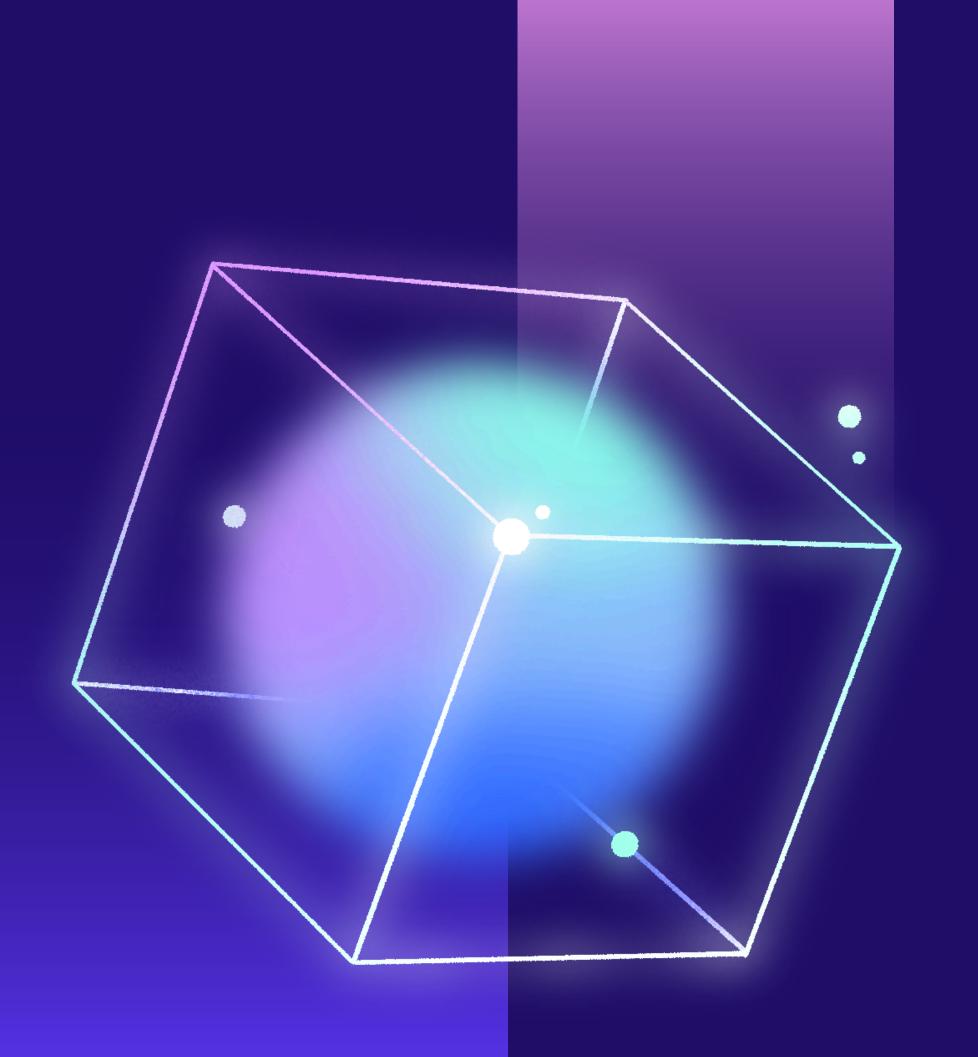


AIS EVERY WHERE

In 2025, we're living through a massive Al expansion. From virtual assistants in our phones to complex systems in global industrie





ISAA?

It's technology that allows machines to learn, recognize patterns, and make decisions like humans. This requires massive computing power, which consumes a lot of resources.

THE HIDDEN ENVIRONMENTA L COST OF AI

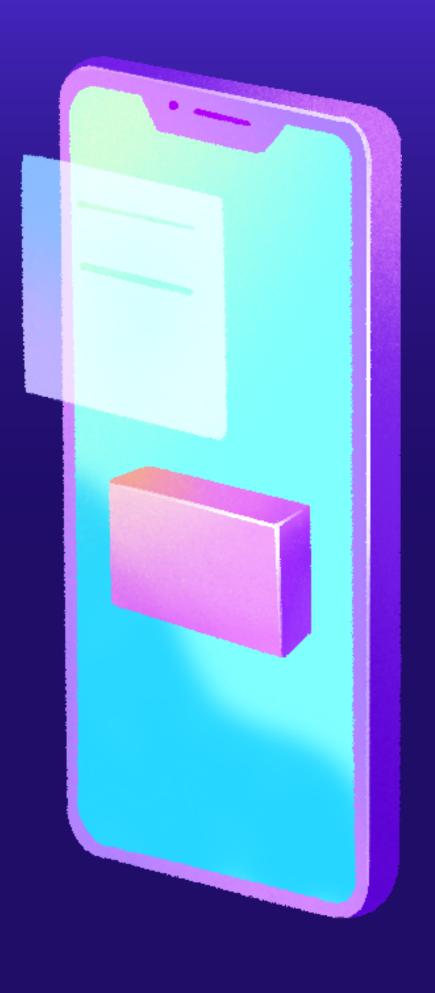
- Training Al like GPT-3 uses 1,200+ MWh of electricity equal to emissions from 112 cars/year
- Cooling data centers uses up to 550,000 gallons of water/day
- By 2027, Al may consume up to 6.6 billion m³ of water/year
- A single Al server (2 kg) needs 800 kg of mined minerals damaging ecosystems.





HOW CAN WE BUILD A MORE SUSTAINABLE A!?

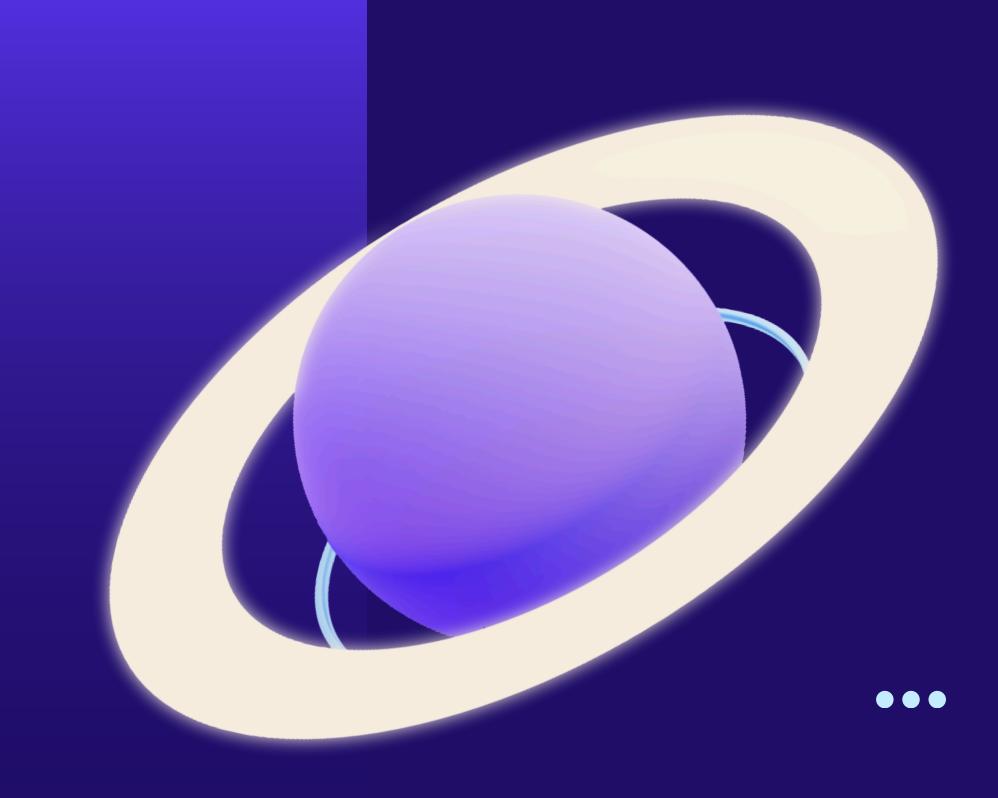
- Switch to renewable energy (solar, wind, geothermal)
- Design efficient hardware and smaller models
- Optimize algorithms to reduce resource use
- Use sustainable cooling systems (less water waste)





SMART POLICIES FOR SMART TECH

- Regulate energy and water use
- Ensure ethical material sourcing
- Encourage collaboration across sectors



CONCLUSION

