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Gaming

Question: Can gaming be eco-friendly?

The games industry is a rapidly growing sector of the economy. Various technical equipment allows access for young and old.

Key Facts:

- Estimated 2.69 billion Gamers
- Average 39 minutes per day
- Estimated 34 terawatt-hours a year
- Translates to 136.340 tons of co2 a year

Resulting Problems

- E-waste
- High energy consumption
- Cloud Gaming consumes even more energy than common gaming devices

What is eco-friendly gaming?

- Eco-friendly gaming means to follow the instructions of an eco-friendly gamer:
- To turn PC and gaming consoles off properly
- To buy mostly digital games
- To recycle game boxes and machine parts where possible
- Not to buy unnecessary extras
- To upgrade only when necessary

Current market situation

- Companies, that try to be more eco-friendly
  - Sony Interactive Entertainment
  - Microsoft
  - Supercell
  - Logitech (with Logitech G and Astro gaming gear)
- These companies try to educate gamers, make their consoles more efficient (low power mode) and offset their gamer's and their development's carbon footprint

Start with yourself

- To contribute to an environmentally-friendly and sustainable usage of gaming devices you can simply follow the mentioned above "Eco-friendly gaming" instructions.
- 5 recommendations for everyday usage:
  1. simply reduce your gaming time online
  2. reduce screen energy (dimming your monitor from 100% to 70% can reduce energy consumption by up to 20%)
  3. delete apps that are not used
  4. stream on Wi-Fi and not Mobile network
  5. prioritize mobile use over computer use

Links:
https://www.safetydetectives.com/blog/how-to-reduce-digital-carbon-footprint/

https://ag.hyperxgaming.com/article/10890/how-to-be-an-eco-friendly-gamer

https://www.dw.com/en/can-video-games-inspire-climate-action/a-57357630