

FUTURE TECHNOLOGIES SYMPOSIUM

OCP Global Summit

November 8, 2021 | San Jose, CA

Sustainability-as-a-Service: A new IT hardware business model for the 21st century

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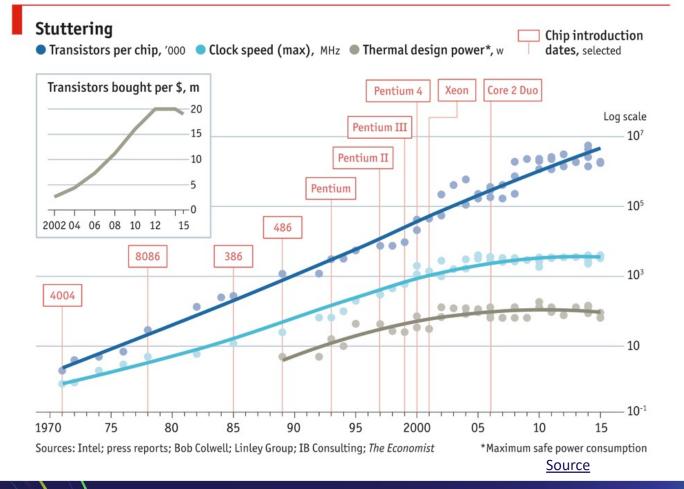


Performance + Reliability

Competitive Cost





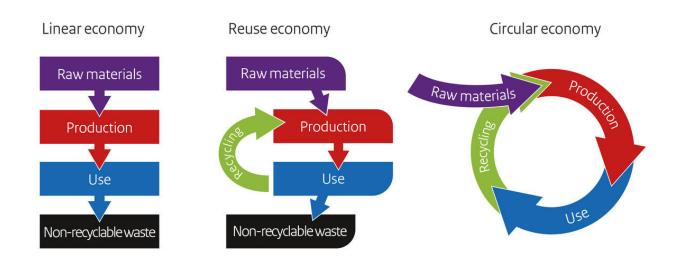




Why haven't upgrade cycles been prolonged as well?



From a linear to a circular economy

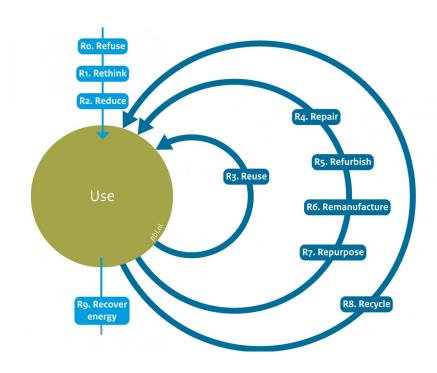


Repairability

Firmware support

Greater transparency

New policy & regulation



<u>Source</u>



OK, we need a circular economy – but how?



From threat to (lucrative) opportunity





Chip Shortage Supercharges Used Data Center Hardware Sales, Says ITRenew

A server tray in Facebook's Forest City, North Carolina, data center, 2010

Hyperscalers' decommissioned gear flies off the shelves as soon as it's available, according to the vendor.

Yevgeniy Sverdlik | May 25, 2021

<u>Source</u>

Our proposal: IT Hardware-as-a-Service



IT Hardware-as-a-Service

1. Echoes other viable models

- 2. Beneficial to producers & customers
- 3. Creates new business opportunities
- 4. Significantly improves sustainability





Four key challenges

- 1. Commoditization of server hardware
- 2. Reshaping OEM balance sheets
- 3. Security & data ownership
- 4. Innovation & research incentives



Sustainability is good for business

A review of 100 studies crushes assumptions about conflict between profit and sustainability

Only two studies found negative effects on the bottom line from adopting sustainability practices

<u>Source</u>



The SDIA is the leading platform for driving sustainability in the digital sector – will you join us?

- Visit our booth: C14 in the Expo Hall
- Read more: https://bit.ly/OCP-SDIA
- Roadmap: https://sdialliance.org/roadmap
- LinkedIn: https://bit.ly/SDIA-LI
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