

Are You ready to sustain IT?

After decades of taking exponentially growing resources for granted, IT finally has to content with zero growth.

Can You cope with that?

Sustainability Efforts

- *Silvicultura oeconomica* / Hans Carl von Carlowitz (1713)
- bits-und-baeume.org
- Parlamentarischer Beirat der Bundesregierung
- Encyclica 'Laudato Si' (Pope Francis)
- [fairphone](http://fairphone.com) / [shiftphone](http://shiftphone.com)

Fallacies

- Result resembles Organisation (Conway)
- Fills all space like a gas (Parkinson)
- Technologists increase complexity (Norman / Krug / Evans)
- Complexity sells (Indra about Piech)
- compare Works ↔ Word

Sustain it?

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Elephant in the Room

- exponential growth in HW (Moore, 1965)
- “Software Explosion”¹ (Wirth, 1994)
- “The End of Computing Science?” (Dijkstra, 2001)
- “Website Obesity Crisis” (Cegłowski, 2015)

¹ “A plea for lean Software (1995)

Approaches?

- suckless.org
- reduce TCB (MirageOS)
- simple software manifestos
- ...

Sustain it?

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Degrowth

is your software project (contributor or fan)
a pleasure to use on systems
5 years or older.

Today 20:00 Discussion Session @ Vintage Computer Cluster

Sustain it?

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