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DIGITAL TECHNOLOGIES IN EUROPE: an environmental life cycle approach

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We too often tend to think that Information and Communication Technologies (ICTs) would have as little environmental impact as they seem virtual. However, the reality is here:

At European level alone, ICTs are responsible each year for 40% of the EU's Green House Gas (GHG) budget to stay below 1.5°C of global warming.

Similarly, at the European level, ICT spends 40% of Europe's sustainable budget in terms of the use of mineral and metal resources.

35% of the sustainable budget concerning ecotoxicity in fresh water.

26% of the sustainable budget on fossil resources.

The magnitude of the results shown by this study raises - once again - the alarm.

No, digital is not virtual. Its impacts are very real. They can and should be measured through Life Cycle Analysis (LCA).

The objective of this presentation is, beyond the observation, to provide solutions to address both the challenges of resilience and mitigate the environmental impacts of the technologies: adopt a posture of digital sobriety and slow tech and, operationally, eco-design and reuse.

<https://www.greens-efa.eu/opinions/digital-technologies-in-europe/>

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