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The "missing middle" of Green IT:

Why twin transformation fails without skills development







Digitalisation without sustainability is an acceleration in the wrong direction.

Sustainability without digitalisation is too slow.









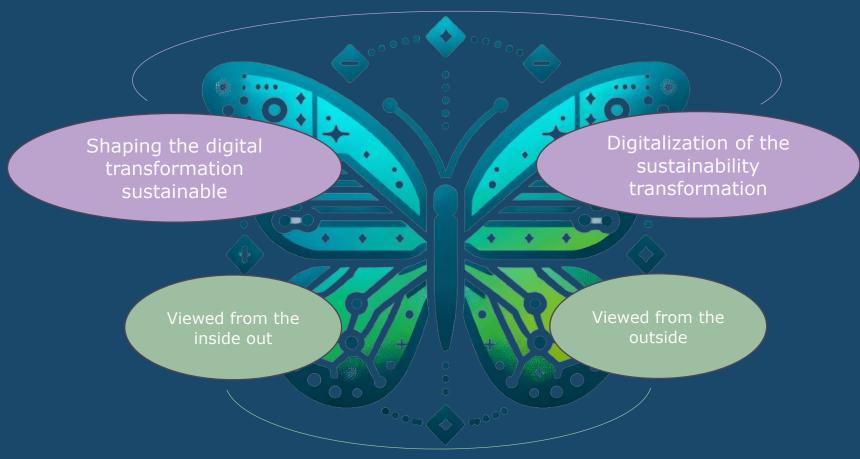
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Twin Transformation-Digital & Sustainable









Support-Options







A backpack full of (environmental) influences

OpenAl Stargate – 5GW (43,8 TWh)at start, 10GW (87,6 TWh) full swing – corresponds to annual consumption of one to two medium-sized EU countries such as Portugal, Greece or Austria.



2023 - Chat GPT-3: 10-50 Prompts = 0,5 Liter water

2024 - Chat GPT-4: A single prompt = 0,5 Liter water

2025 - Chat GPT-5: ?





Data centres compete with us for water and energy



Five key labour-market drivers





Economic

uncertainty





The future of jobs

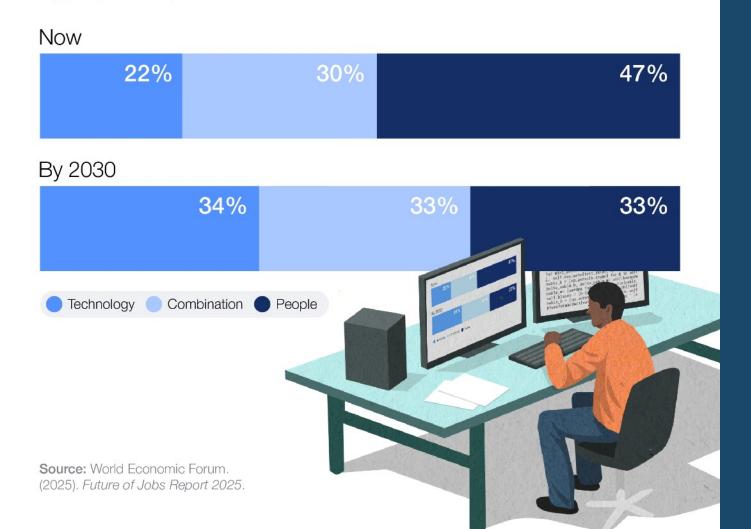
Geoeconomic

fragmentation

Human-machine frontier



Proportion of tasks completed predominantly by technologies (machines, algorithms etc.), predominantly by people, or by a combination of the two







The thesis: In the next 5 years, millions of people will lose their jobs to AI

- Accounting
- Customer Service
- Transport and Logistics
- Data Analysts
- Coders & Programmers
- Standardised manual tasks

Identifying the Real Bottleneck: The Competence Gap





No lack of tools, but a lack of skills.

IT training curricula & programs need an update



NABIT: Education as Enabler







Sustainable Education in IT Training and professional development:

A research project designed to bridge the competence gap.

Our Goal:

- sustainability skills in IT
- modular learning formats
- consulting concepts

NABIT: Collaboration for the good



















Theoretical & Practical Solutions:

Analysis



Development



Transfer



Why this matters to you







For Developers & Architects:

- Understand
- Learn
- Build

For Decision-Makers & Data Center Professionals:

- Realize
- Skill development
- Sustainable infrastructure

For the ecoCompute Community:

- Social and Educational Dimension
- Bridge to the "Community Track"

Focusing on people, justice, and governance







Digital sovereignty to defend democratic values why education ensures future viability





Skill Gaps

Learning environment

Well- Being-Society



Twin Transformation

Change in SME

Democratic values

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The future does not just happen.

It is created by us.

A fair future for all is our shared responsibility.



THE podcast about transformation

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