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Green IT at Universitys

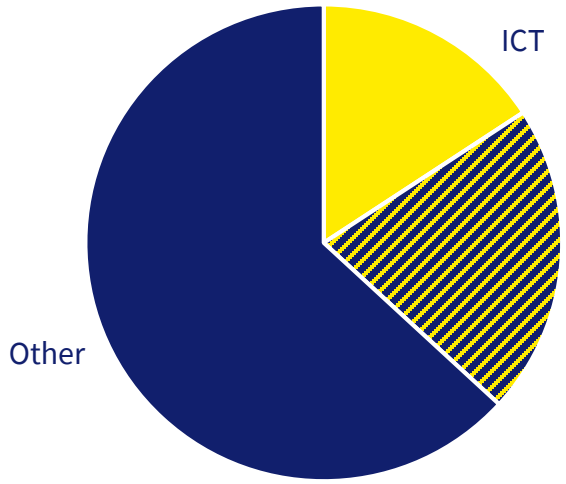
Results from GAIT Project & Working Group Green IT

Lena Ritzinger I 26.09.2024

Why Green IT?

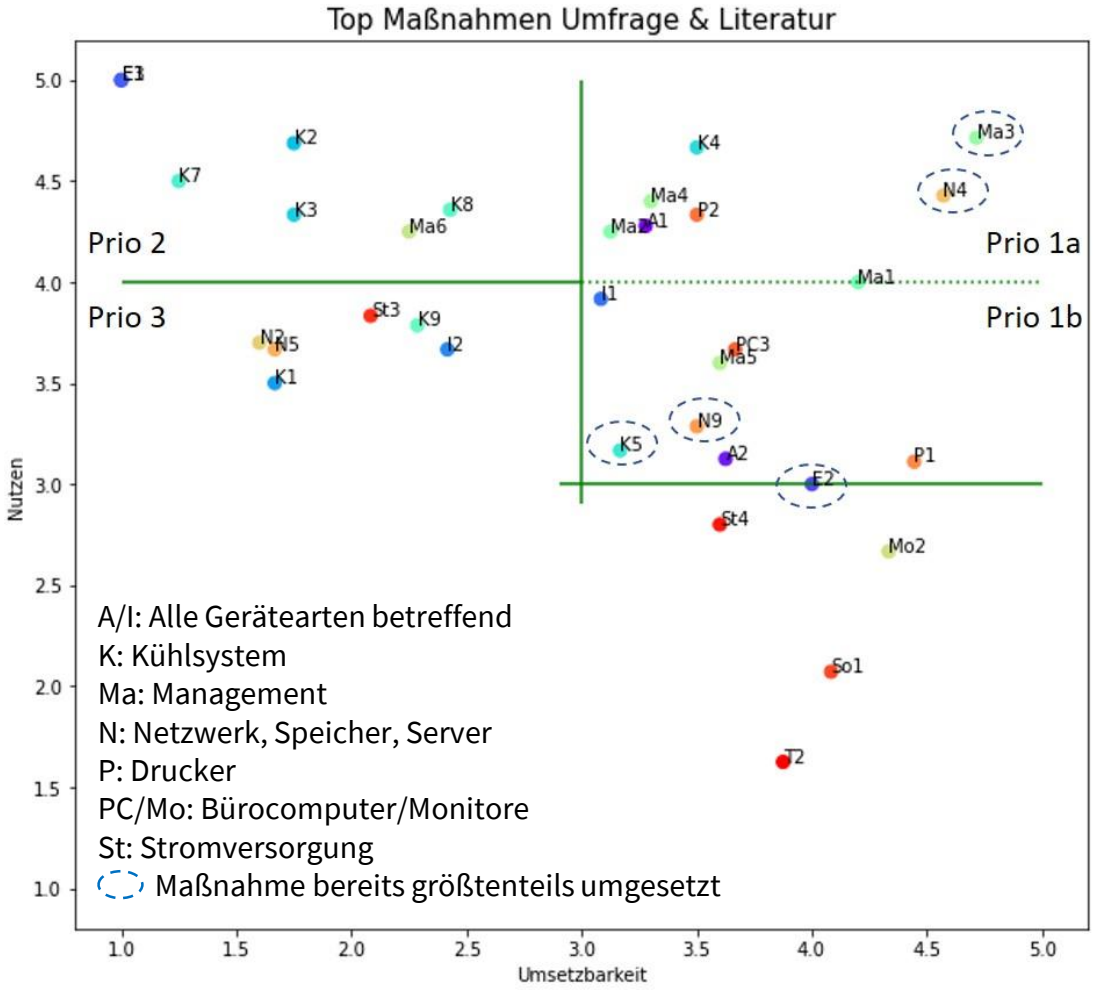
- Rgulatory compliance:
  - Annual energy savings (-2%/a) (§ 6 EnEfG, Landesstrategie Green IT)
  - Net greenhouse gas-neutral public administration till 2030 (§11 KlimaG BW)
  - Reduce ressource consumption

Share of ICT at the whole energy consumption of universitys



Realize Green IT-measures and measure success

Results of the GAIT project



Priorisation of measures

- Priority 1: Contains mainly measures that do not need to be implemented in the data centre
- Priority 2: Contains almost exclusively measures relating to the optimisation of air conditioning.

- Create awareness through transparency:
  - Target KPIs: Energy and resource consumption, carbon emissions, share of sustainable products in new procurements
  - KPIs for optimising operations
  - Sustainability criteria for procurements

Outlook AP2 bwCloud3:

„bwCloud goes green“

- Transfer and establish measures and KPIs to the bwCloud
- Enable ecological comparison of own data centre with cloud services
- Promoting sustainability not only at individual facilities, but also making the state administration as a whole more sustainable

Werbung in eigener Sache

- Abschlussveranstaltung GAIT (Hybridveranstaltung am 23.10.2024, 13 bis 16 Uhr)
  - Einwahl zu einzelnen Zielgruppen-Sessions möglich
    - Was ist Green IT und Ergebnisse der Pilothochschulen?
    - Wie kann ich Einsparpotentiale aufdecken und heben?
    - Wie kann ich die Erfolge von Green IT-Maßnahmen messen?
  - Anmeldung unter: https://sites.google.com/hs-offenburg.de/green-academic-it/startseite

- Working Group Green IT (nächstes Online-Treffen am 14.10.2024, 15:00 bis 16:00)
  - Ziel: gemeinsam Wege finden, um Green IT im Hochschulumfeld voranzutreiben und die Landesstrategie der Klimaneutralität zu unterstützen
    - Kreislaufwirtschaft – *abgeschlossen*
    - Cloudnutzung – *aktive Bearbeitung*
    - *Weitere Themen können entwickelt werden*
  - Bei Interesse melden bei lena.ritzinger@hs-offenburg.de

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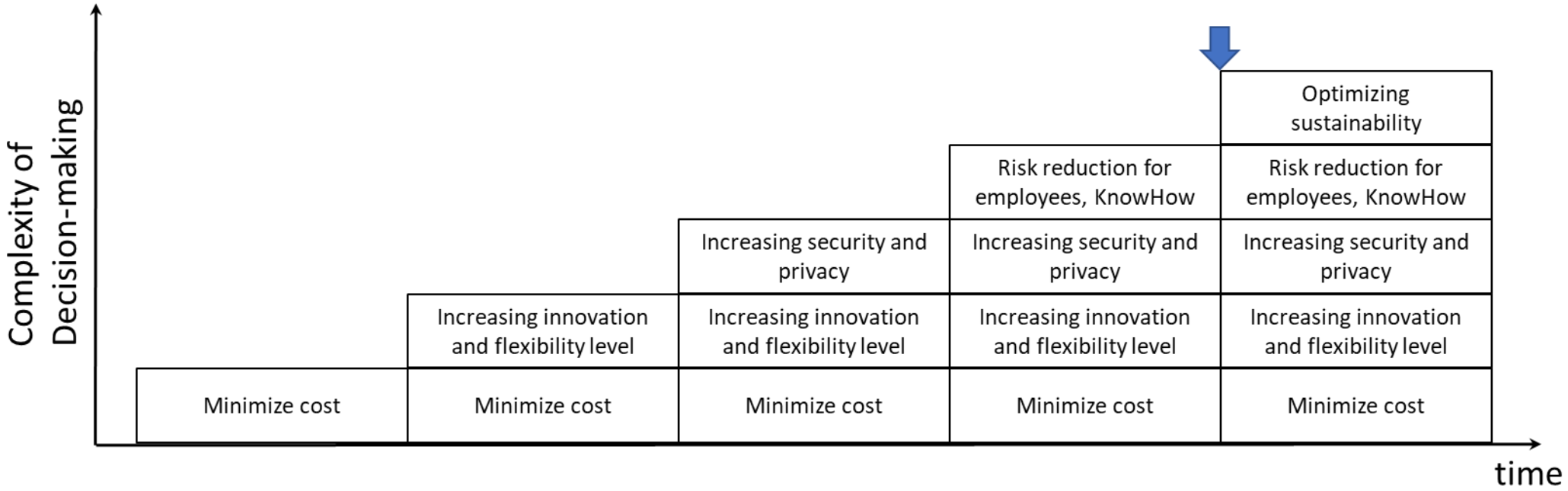
Green IT in cooperative services

Project bwCloud3

Prof. Dr. Jan Münchenberg I 26.09.2024

Strategic decision-making for customers gets more and more complex



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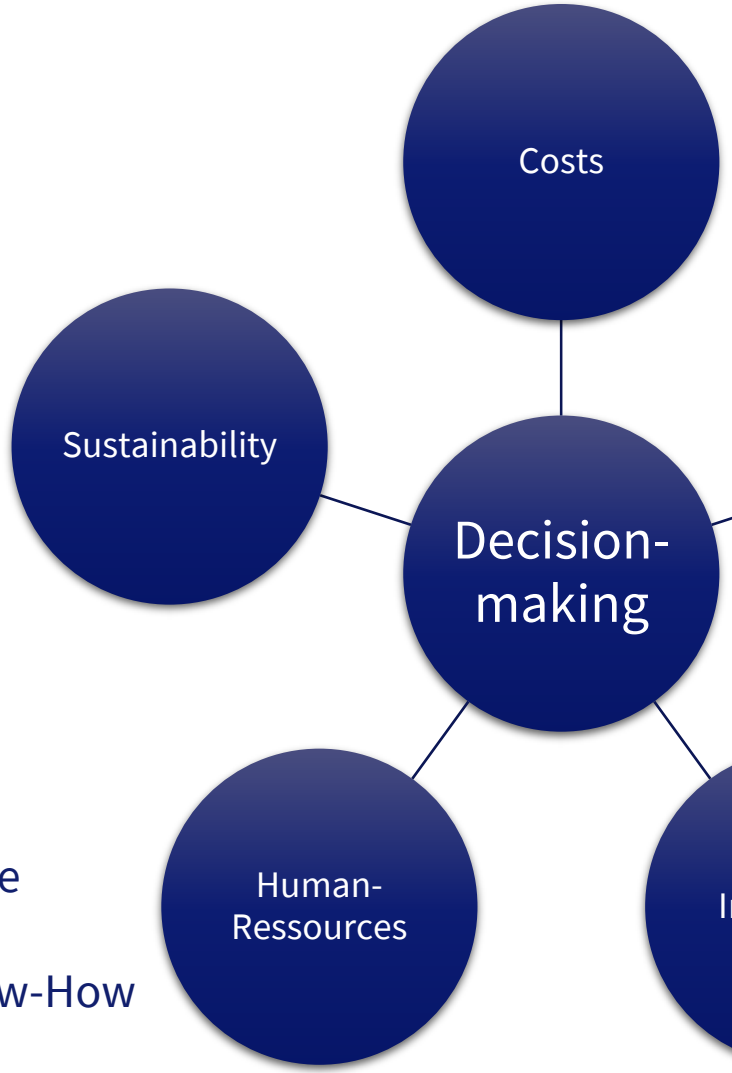


- Investment
- Operation
- Project

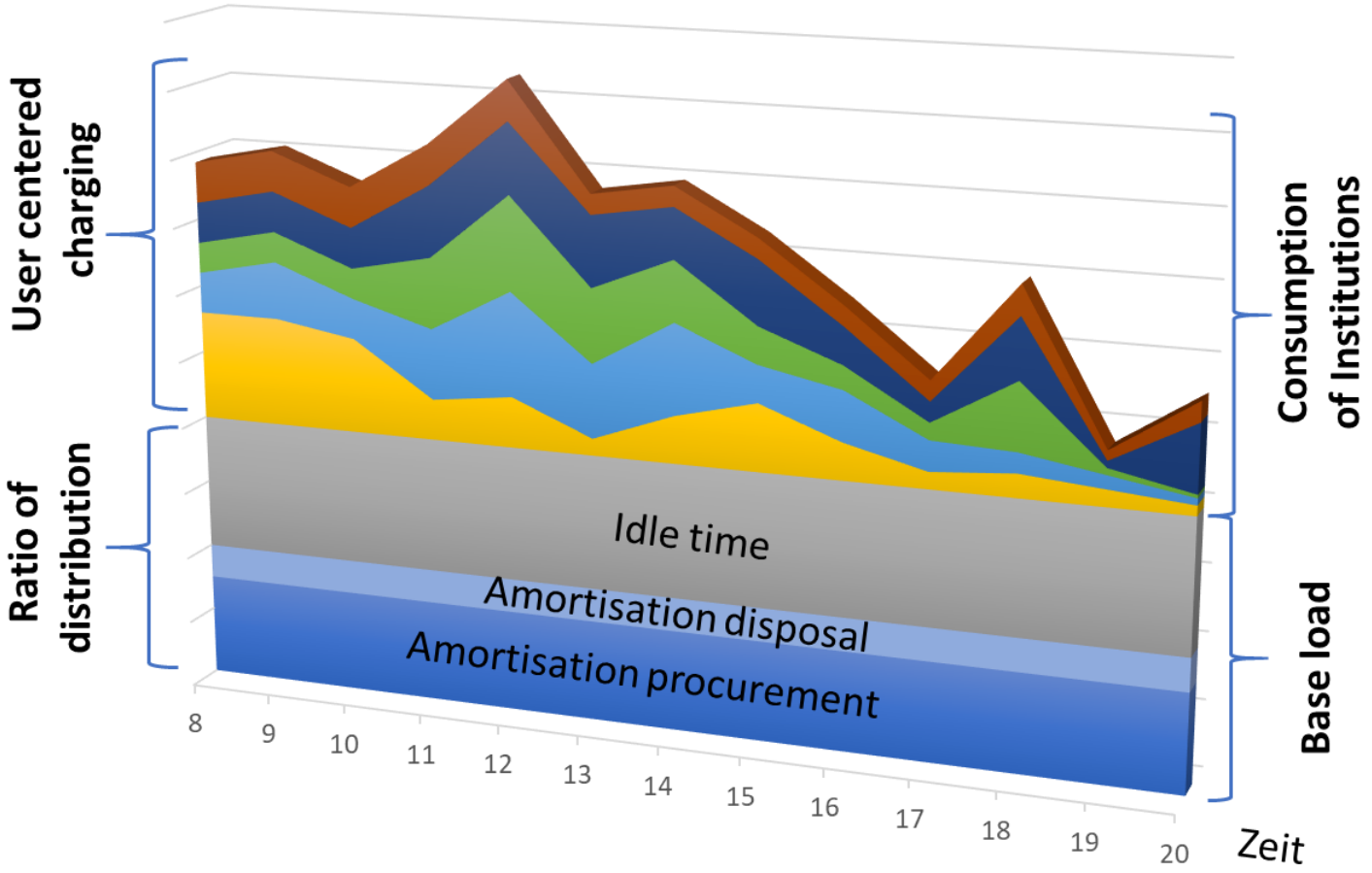
- Reputation
- Penalty
- Certification

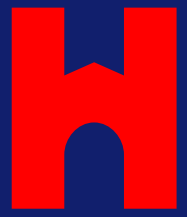
- Information security
- Privacy
- u.a.

- Skills shortage
- Fluctuation
- Komplex Know-How

- Flexibility
- Frequent changes
- Labs
- Fit for projects

Fair distribution of costs and risks between provider and institutions





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