Energy Saving with Green IT

Operationalize sustainability in the data centre with automation you can trust

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Turn sustainability ambition into action

1. Goals

Sustainability Strategy and Roadmap

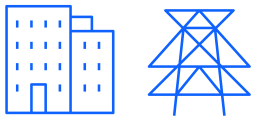
Co-creating a sustainability agenda and pathways towards delivering corporate social impact and business value

2. Data

ESG Data, Reporting and Risk Management

System of record for ESG data and insights to measure, report, operationalize and achieve your sustainability roadmap

3. Operationalize



Intelligent assets, facilities and infrastructure

Operational insights to drive clean energy transition, efficient waste management, and decarbonization

Responsible computing and green IT

Responsible computing to enable sustainable IT and drive social impact

Sustainable supply chains and circularity

Intelligent workflows for equitable, transparent, and carbon regenerative supply chains

Connect your ESG data management with the systems that run operations to drive transformation

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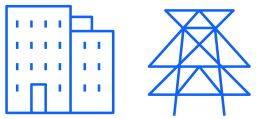

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IT can reduce energy and environmental impact by optimizing data center and public cloud resources.

50%

Cloud users are typically overprovisioned by 30—50%.[2]

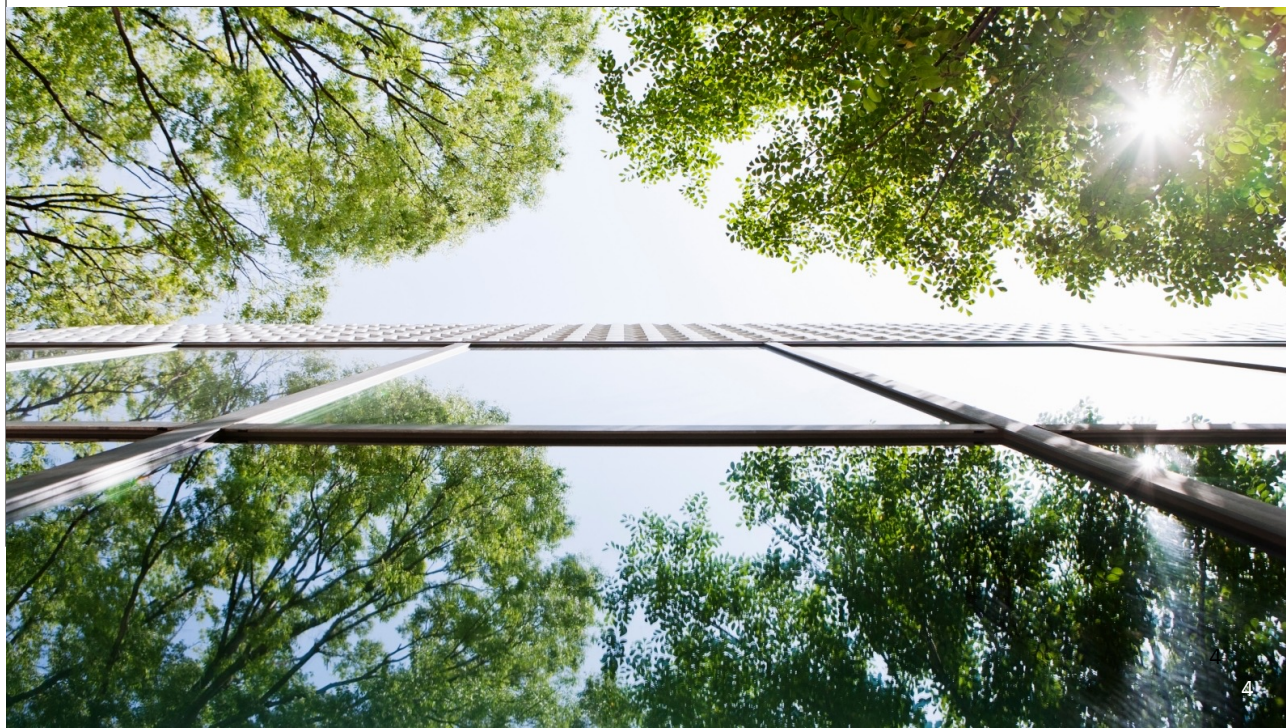
20%

On-prem data centers typically operate at 20-40% utilization.[2]

70%

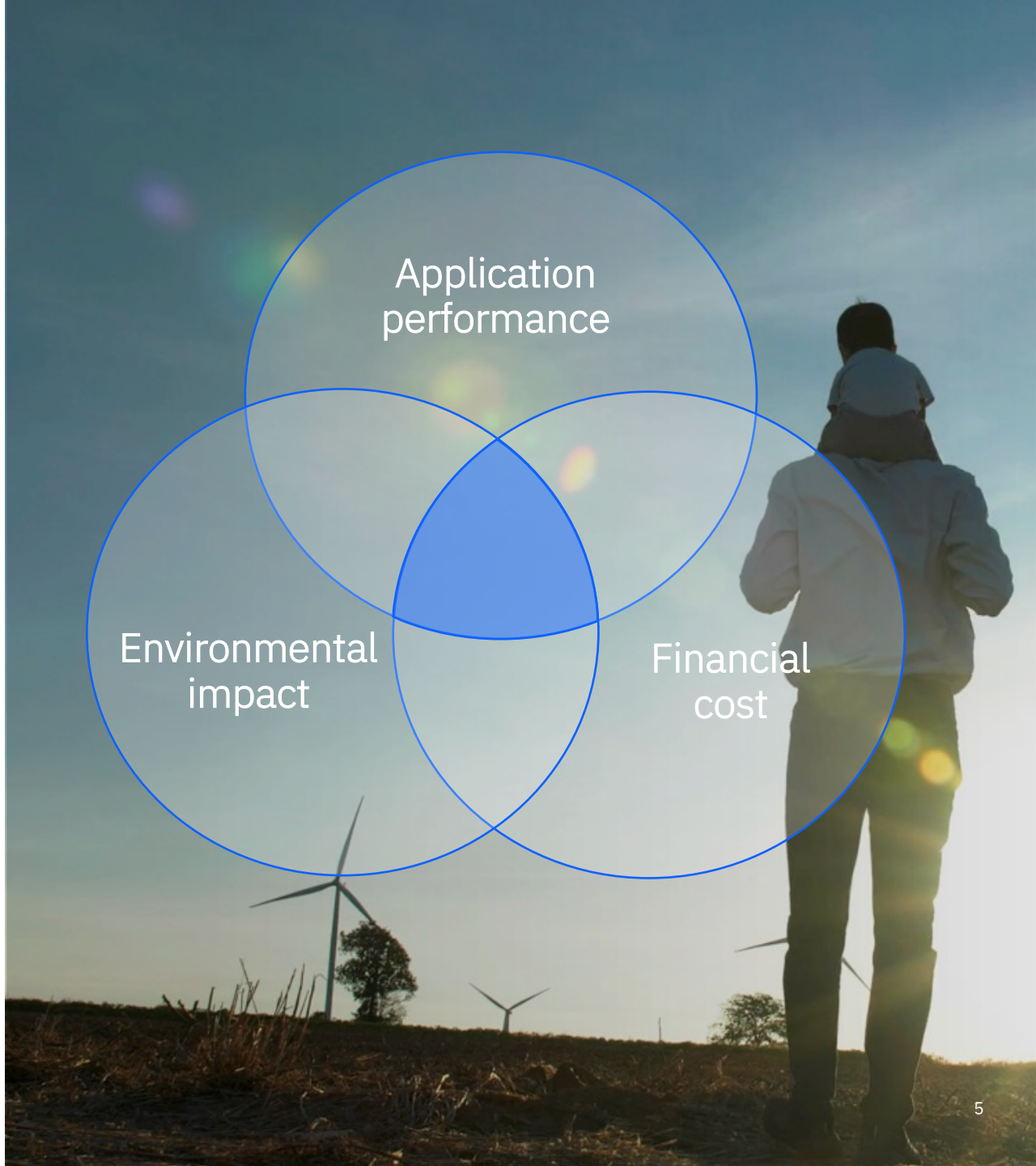
Electricity accounts for as much as 70% of total data center operating costs. [1]

With rising energy costs, organizations are focused on reducing energy usage.



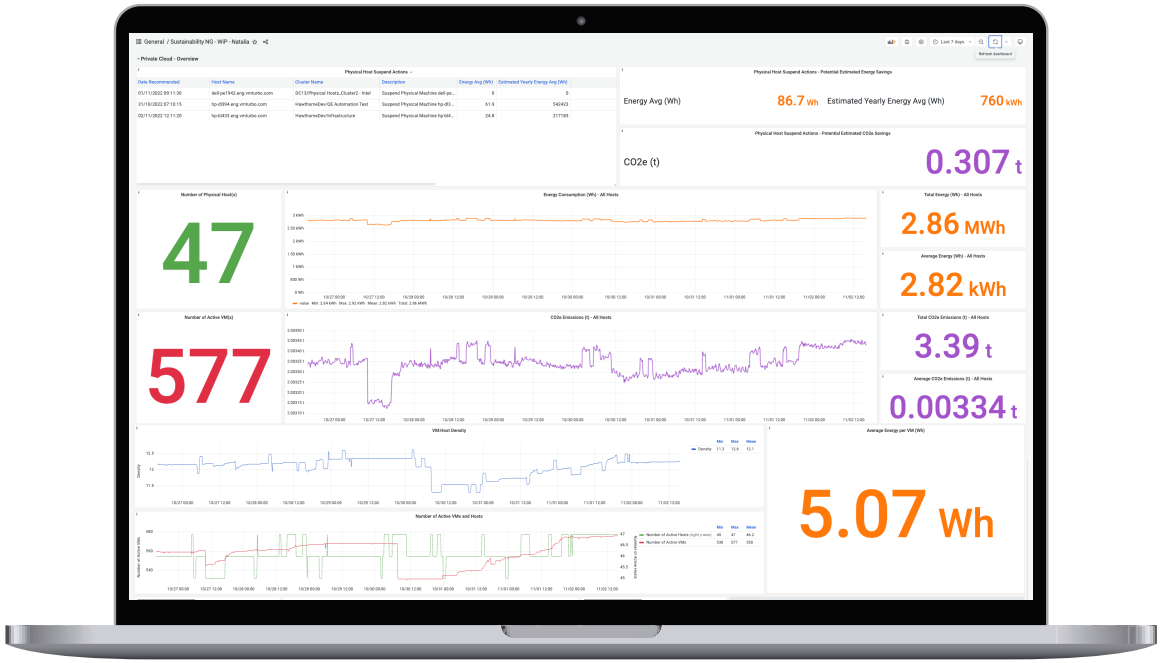
[1] Barclays Equity Research, Green Data Centers: Beyond Net Zero, 7 September 2021
[2] Anecdotally what's been seen among new Turbonomic customers and prospects.

How can IT meet the needs of the business without compromising the ability of future generations to meet their own needs?



Embed sustainability decision making into daily IT operations

What if you could ensure that applications always consume *exactly* the resources they need to perform?



Turbonomic Sustainable IT Dashboard

IBM Turbonomic automation solution helps to reduces energy use without sacrificing application performance.

IBM Envizi helps with capturing, consolidation, management, analysis and reporting of your environmental, social and governance (ESG) data

Proven outcomes with IBM Turbonomic

Responsible Computing and Green IT

Optimizing application resource consumption either in the datacenter, the public cloud, or both, improved an organization's long-term energy consumption profile.

75%

Improved infrastructure utilization and avoided annual refresh costs by 75%

70%

By understanding app demand, avoided required infrastructure growth spend by 70%

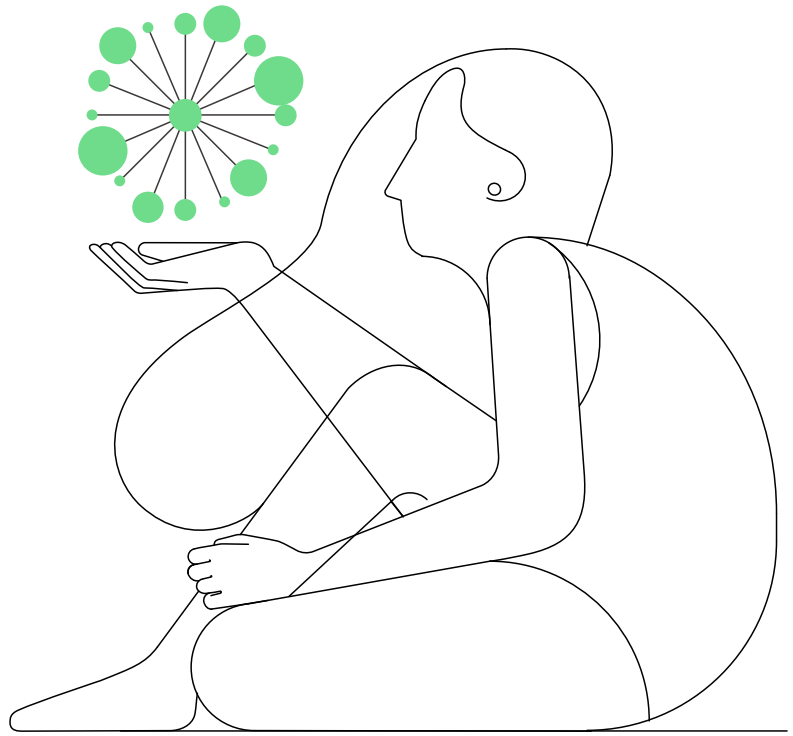
33%

Reduction in public cloud spend due to dynamic scaling and workload resizing

ROI in less than 6 months

Source: Forrester Total Economic Impact of IBM Turbonomic Application Resource Management

Sustainability is the key to a better future

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