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# ITOps through sustainability

September2024

Confidential

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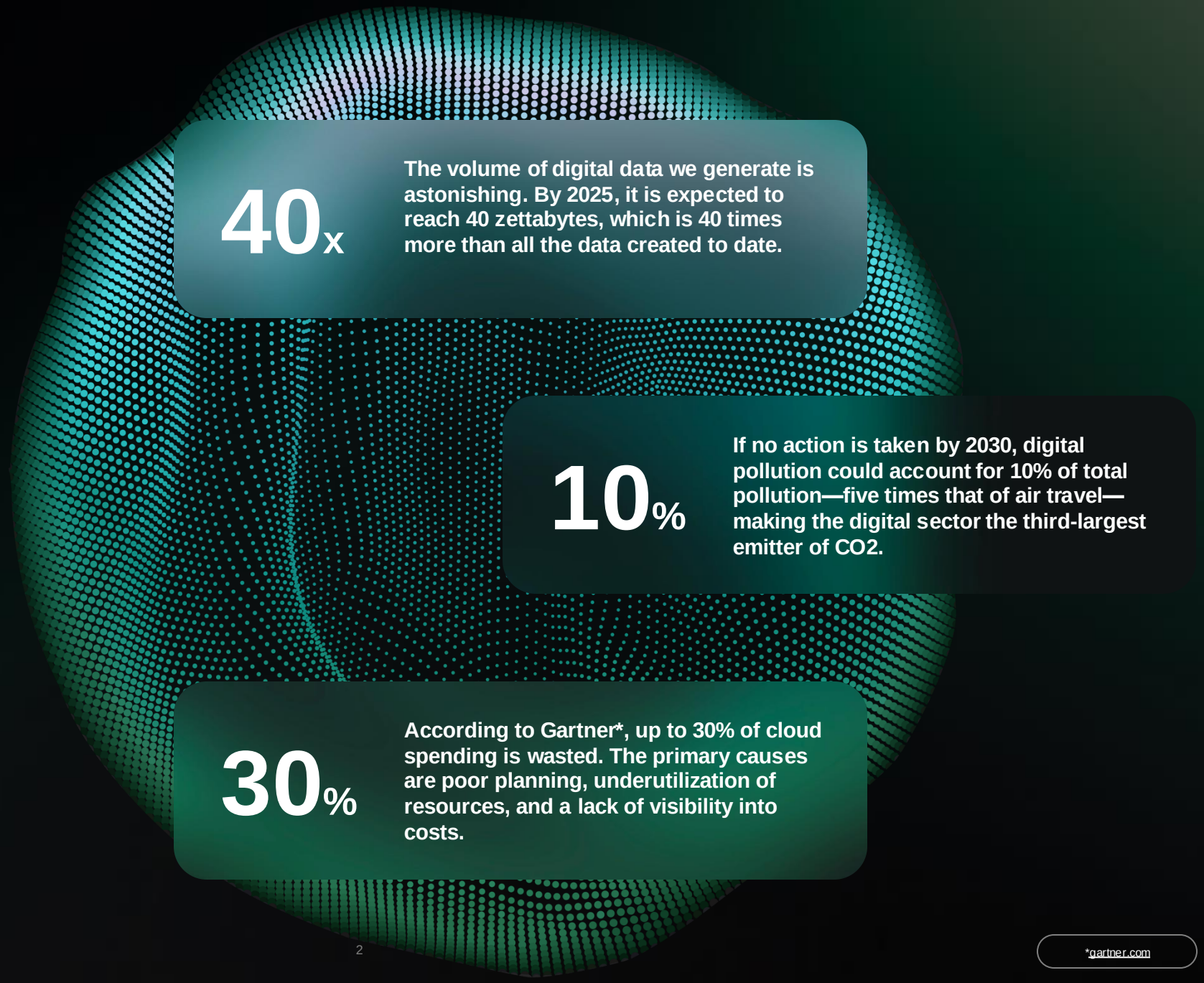
# Impact

This exponential growth puts a strain on information systems, increases energy consumption, and presents challenges in data management, security, and compliance.



**40x**

**The volume of digital data we generate is astonishing. By 2025, it is expected to reach 40 zettabytes, which is 40 times more than all the data created to date.**

**10%**

**If no action is taken by 2030, digital pollution could account for 10% of total pollution—five times that of air travel—making the digital sector the third-largest emitter of CO2.**

**30%**

**According to Gartner*, up to 30% of cloud spending is wasted. The primary causes are poor planning, underutilization of resources, and a lack of visibility into costs.**

# IT ecosystem can be (very) complex and a barrier for Sustainable IT

**Results :**

- Data collection often manual and time consuming
- Risk of double counting and imprecise measures
- Low observability limiting data insights & actionability
- No live data hence difficulty to track impact
- Lack of reconciliation between CO2 & € impacts

**Fragmented or siloed internal IT ecosystem can make data collection painful**

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# Driving sustainability by reducing the environmental and financial impacts of the entire IS/IT landscape

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# A solution tailored for CIOs driving their Sustainable IT journey

## Automated Data Collection

Across the whole IS/IT ecosystem of clients'

## 360° Data Observability

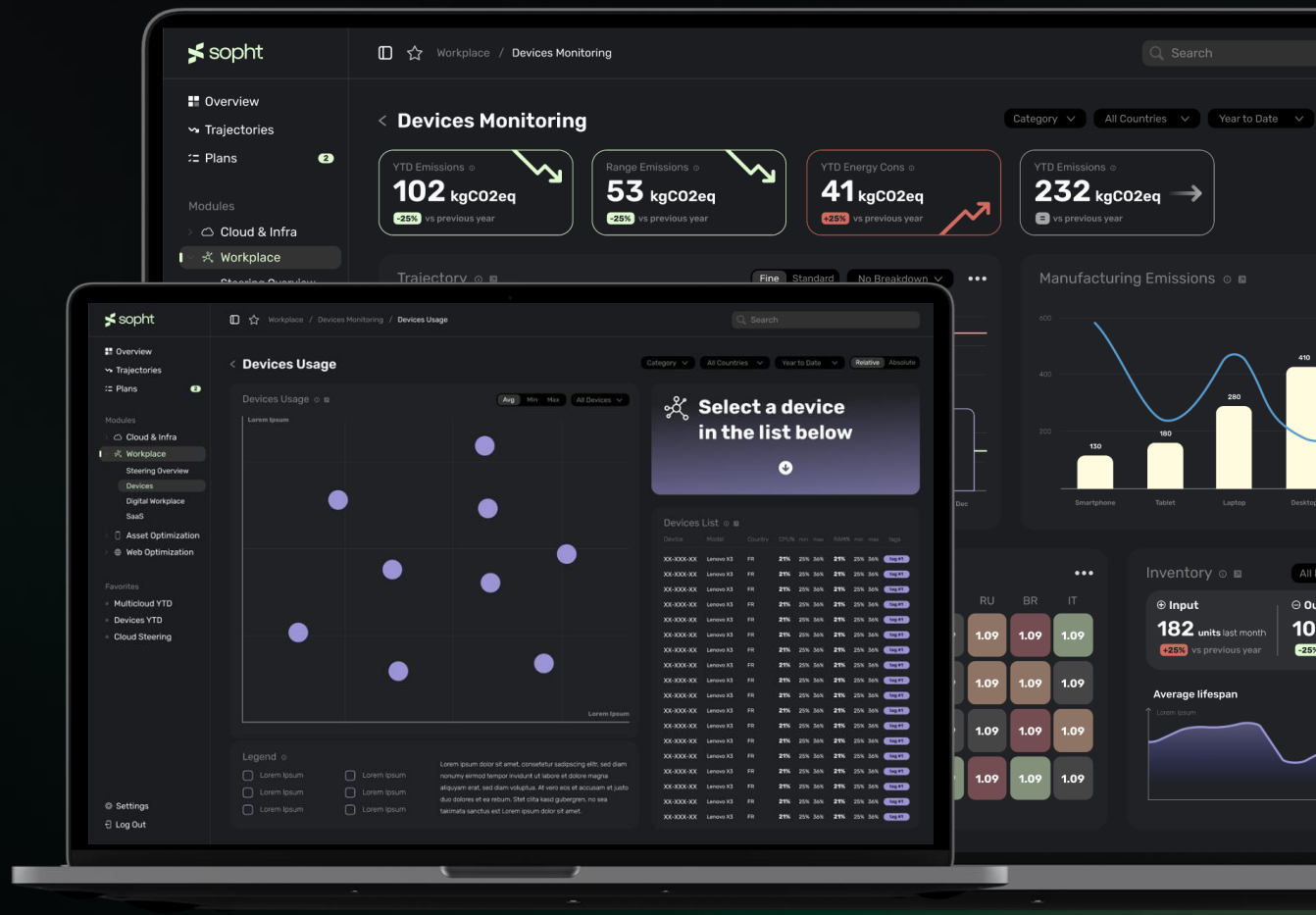
Covering Scope 1, 2 & 3 with granular and dynamic data

## Guided Actionnability

Action plan allocated to key stakeholders

## Impact Monitoring

Trajectory scenarios & CO2/€ impact monitoring



# Leveraging our Clients' tech ecosystem

## Customers need all data sources merged in an easy-to-use integrated solution

### Tech Ecosystem APIs

Google Cloud · aws · Microsoft Azure · ORACLE

Cloud

vmware · Microsoft Hyper-V · dynatrace · Nagios

Infra

servicenow · Microsoft Intune · GLPI

ITSM

Google Workspace · Microsoft 365

Workplace

webvert

Web

Full library of APIs developed, automating data collection.
More APIs or flat files could be developed depending on your needs

### ESG Platforms/DATALAKE

Microsoft · SWEEP · Watershed · planA · PERSEFONI

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**Solar Impulse analysis on Sopht**
vs. Existing solutions

## Cloud

**-12%€**

**-57%$CO_2$eq**

## Infra

**-17%€**

**-20%$CO_2$eq**

## Assets

**-30%€**

**-25%$CO_2$eq**

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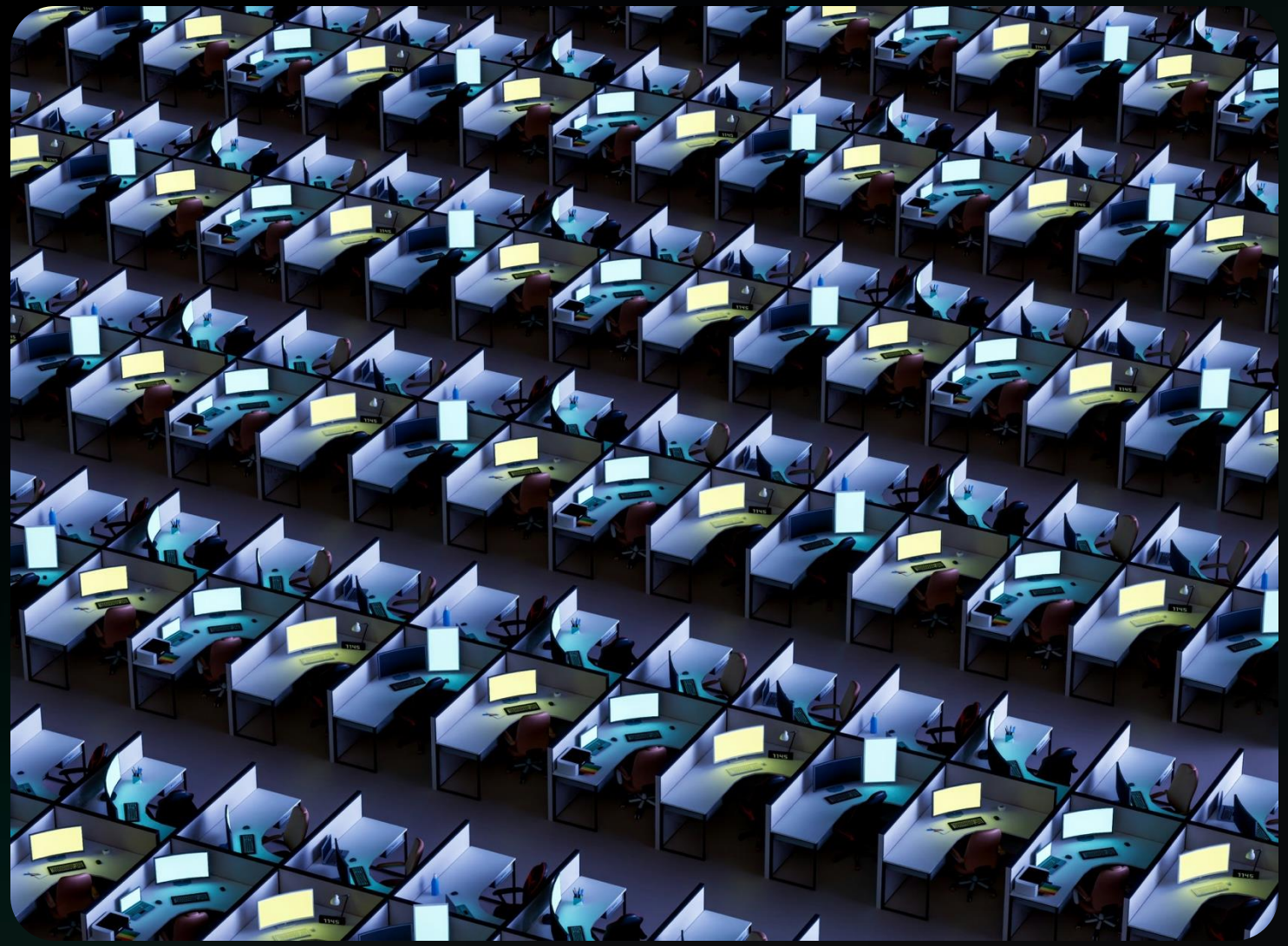

## Hardware Lifecycle Extension

A research paper published in "Green Computing and Its Role in Reducing Cost of the Modern Industrial Product" claims that proper IT asset management practices like proper cooling and software optimization can extend hardware lifespan, leading to a

**42% reduction** in raw material costs for products with a high IT component

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# Reduced
# Server Footprint

Migrating workloads to the cloud allows businesses to eliminate the need for physical servers in their own data centers. This can lead to significant savings on data center space, power, and cooling costs.

A study by Forrester found that enterprises can achieve a

## 30% reduction

in data center footprint by leveraging cloud infrastructure source

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## Our main references

BNP PARIBAS
La banque d'un monde qui change
VEOLIA
VINCI
L'ORÉAL
AIRBUS
CHANEL
Edenred
l'Assurance Maladie
Adecco
SEQENS
CED
soitec
MB WS MARIE BRIZARD WINE & SPIRITS
EFI AUTOMOTIVE
BIVWAK! BY BNP PARIBAS

## Our GSI partners

Infosys
devoteam
IJO
Capgemini
WAVESTONE

## Integrations with ESG platforms

Microsoft
planA

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“

Right from the design stage of our assets, we **bear a responsibility in shaping the environmental impact of our IT** infrastructure. We’ve partnered with Sopht to develop a solution to **measure the carbon footprint of our apps**, all in line with our sustainability objectives

**Françoise Orand**

Green IT program manager

BNP Paribas (BCEF IT)

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“

For the BivwAk perimeter, Sopht enables us to **real-time monitor the environmental impact of our IT operations**. The measurement, based on **usage data**, and the provided dashboards assist us in **prioritizing our actions** to ensure that we **start with the most impactful initiatives**."

**Magali Laurence**

IT project manager

BivvAk!

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“

Assessing and gaining a **deep understanding of our primary emission drivers** is unquestionably a significant undertaking, but **actively steering** them with **tangible action plans** is precisely the capability that the Sopht solution provides."

**Marie Ait-Daoud**

Green IT manager

Vinci Groupe

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