

# Sustainability in IT Operations and Strategy

Explain the Principles of Sustainability and Their Relevance to IT Operations



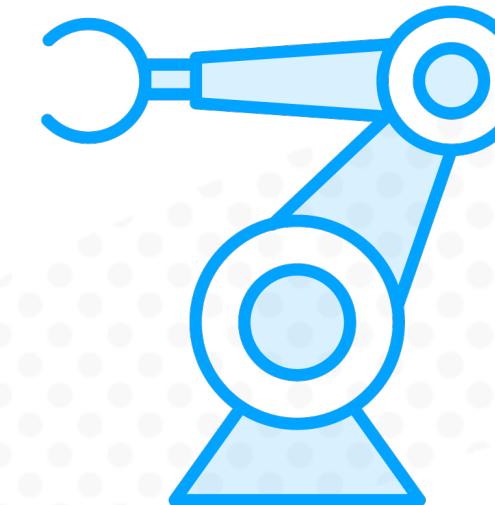
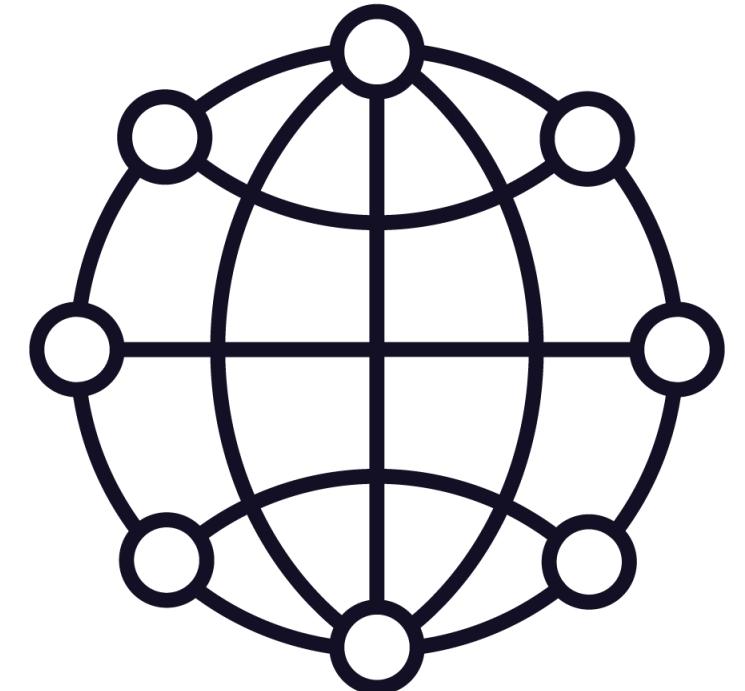
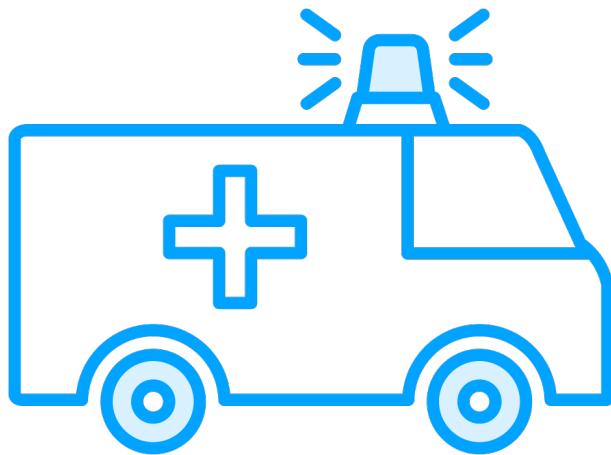
**Dee Hoch**

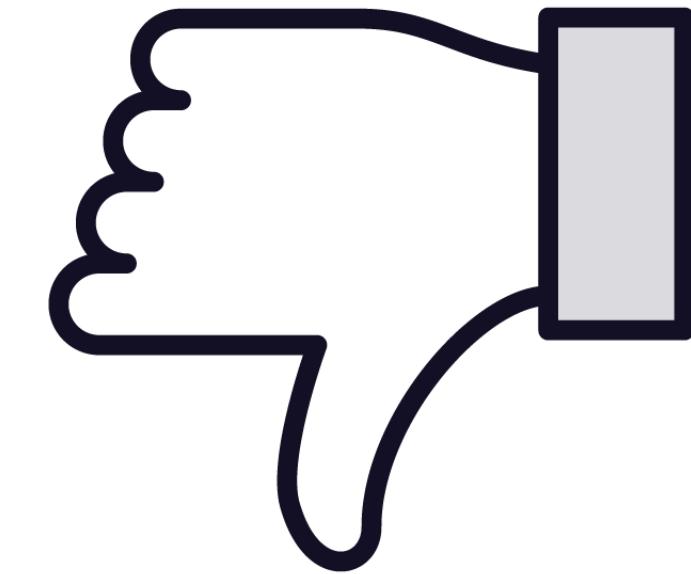
Professional and Business Growth Author

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# Meet Globomantics!

A cloud-based infrastructure and managed services provider.

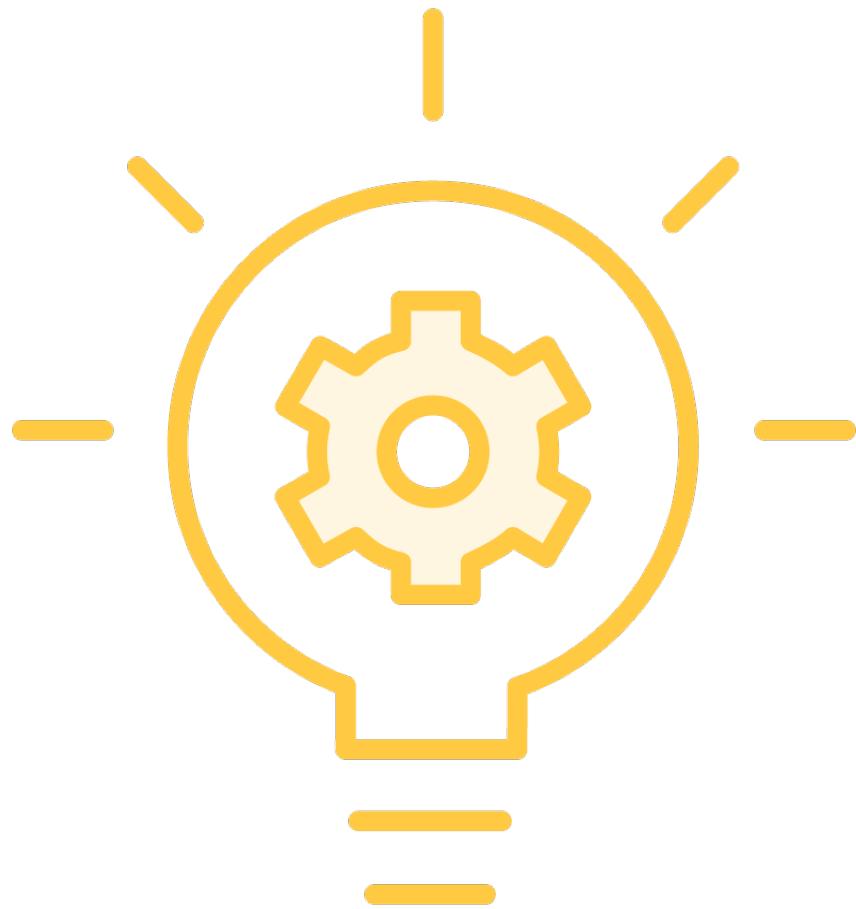
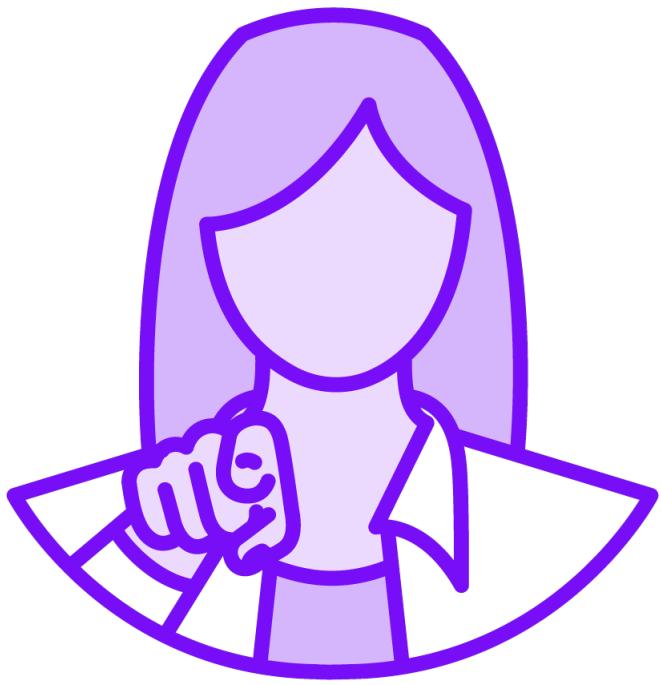




*Oops, we weren't ready!*

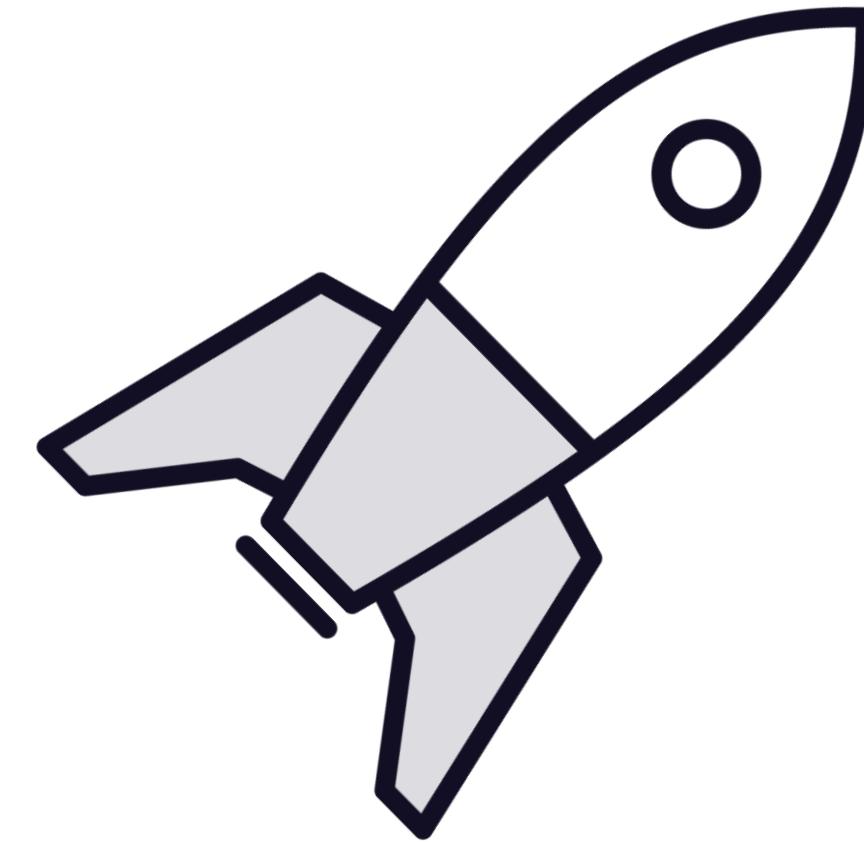
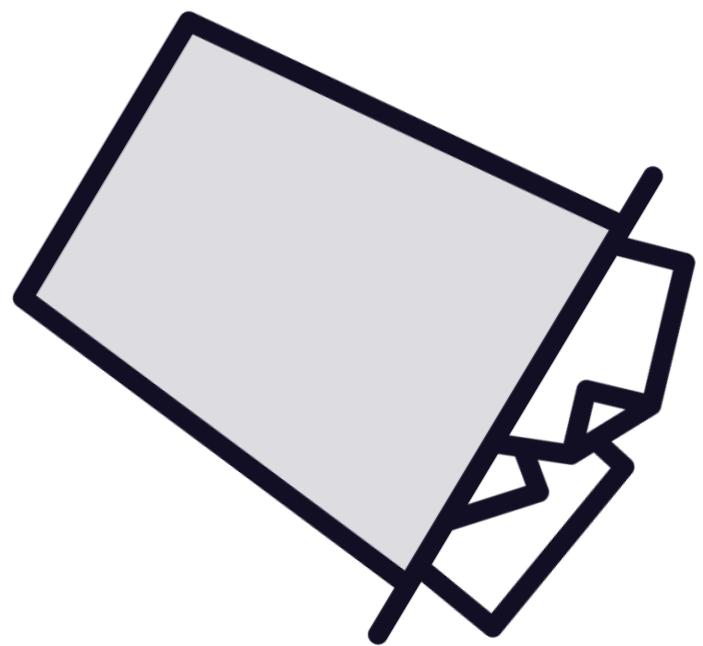


# Reality Check



*You can't run from sustainability!*





Excessive energy use

***“We wasted millions and trashed the planet”***



## Limited digital access



**Gen Z = business longevity**



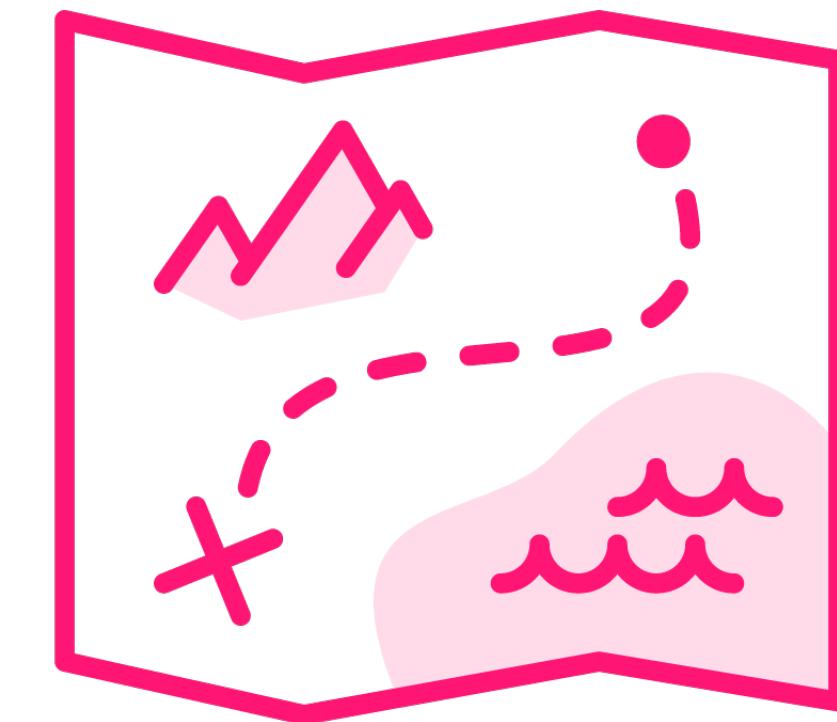
Poor vendor oversight



Time's up!



# Congratulations on Your New Role!



No worries — you've got this.



**Risks**

- - - -

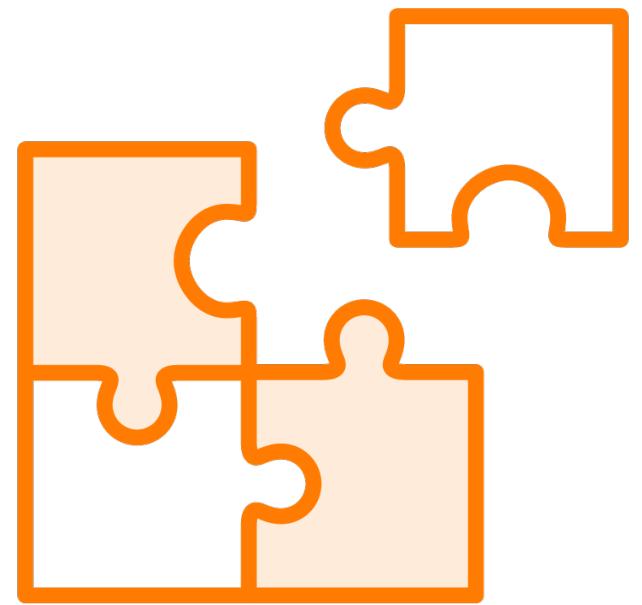
**Connection**

- - - -

**Alignment**

- - - -

**Future**



# Are You Ready?



Bye! Bye!

Buckle up!



# IT Operations Role in Sustainability



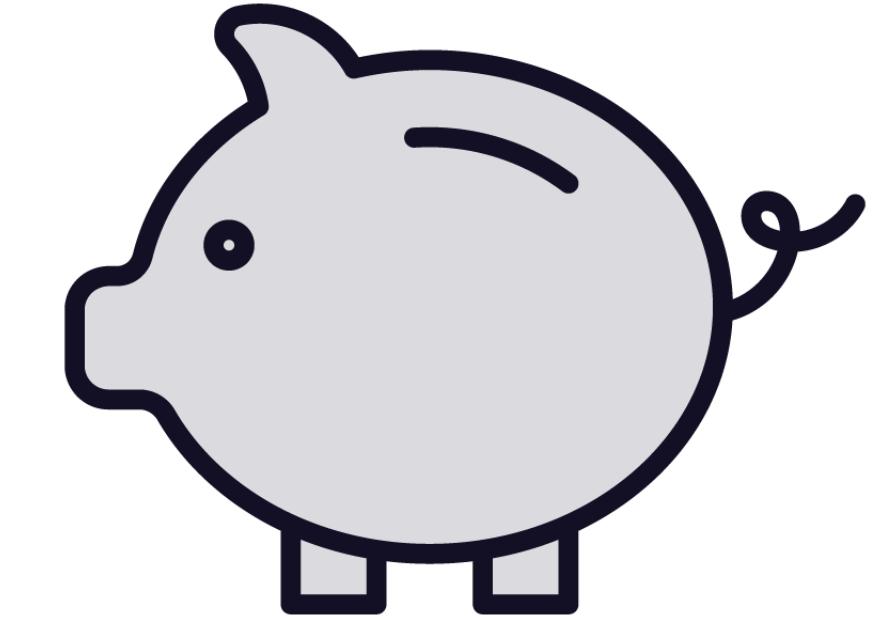
# What is Sustainability?



Planet



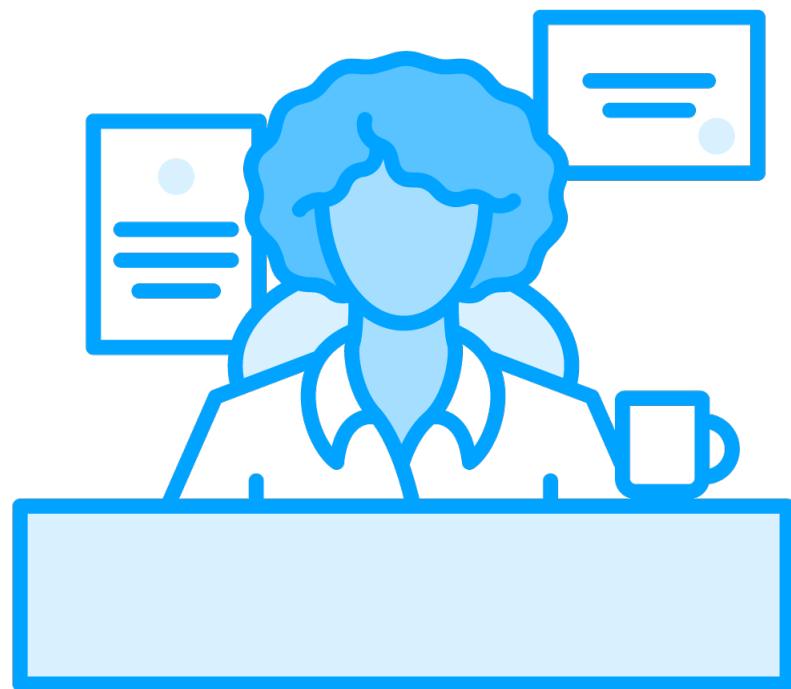
People



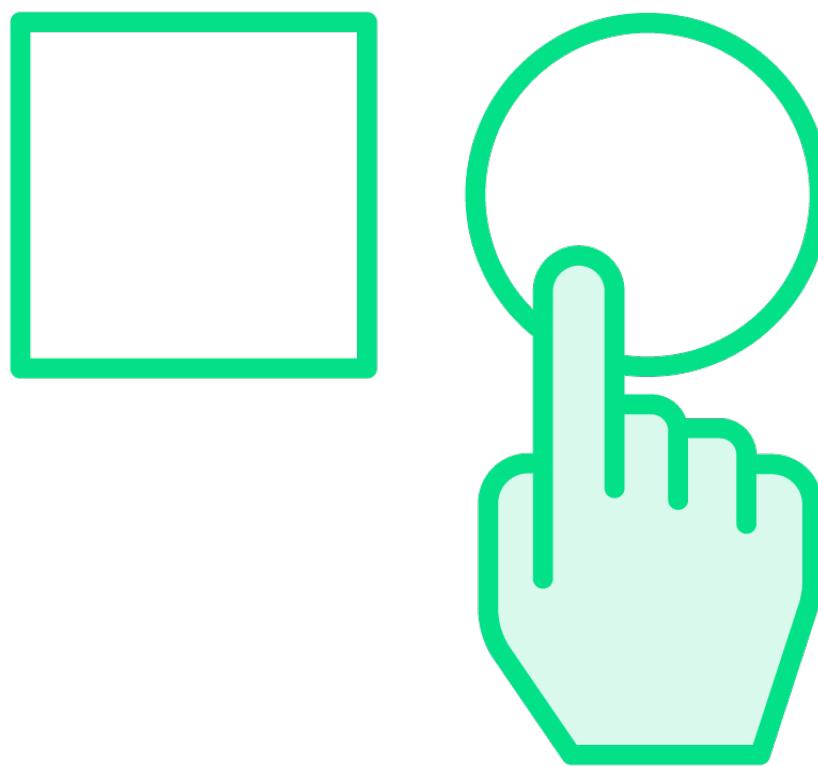
Profit



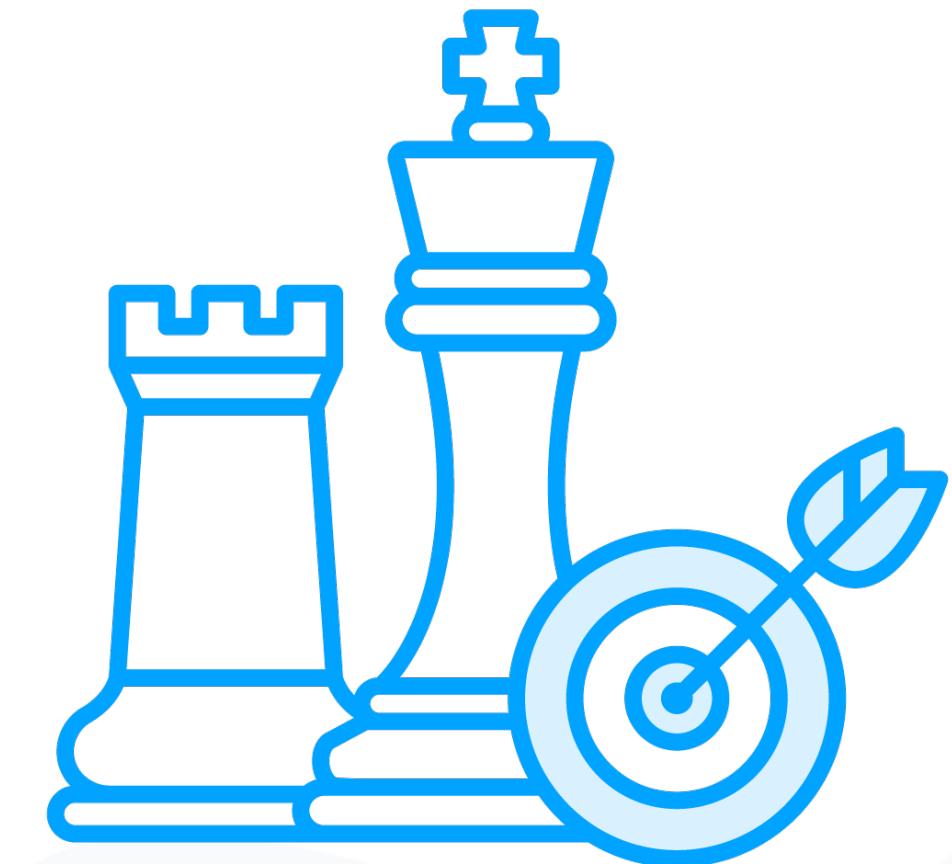
# Why IT Operations Must Drive Sustainability



IT choices lead to opportunities



IT touches every system and team



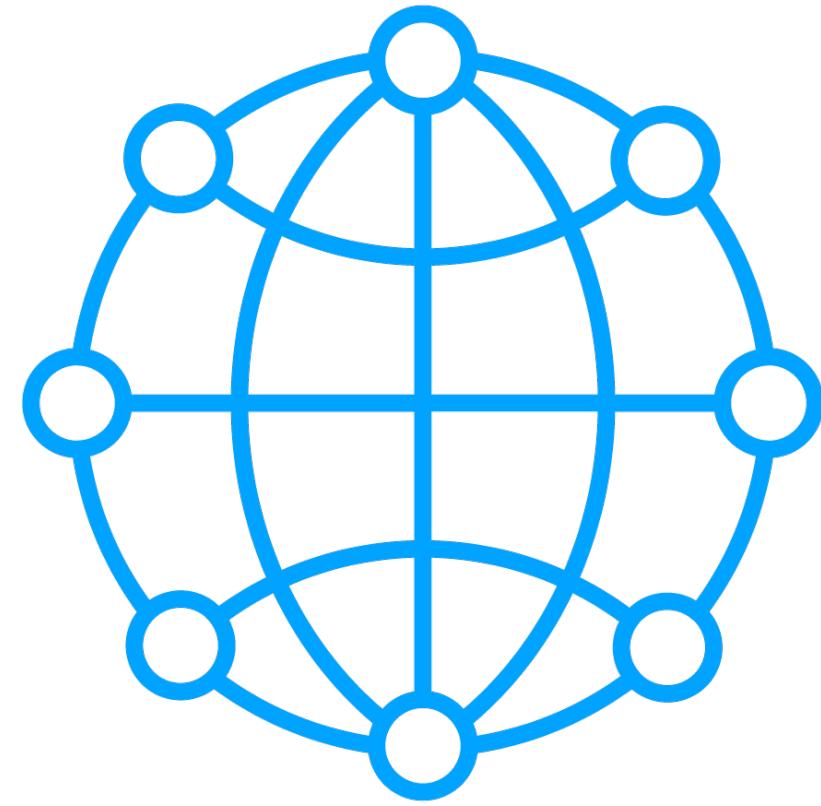
Strategy  
+ infrastructure  
= change



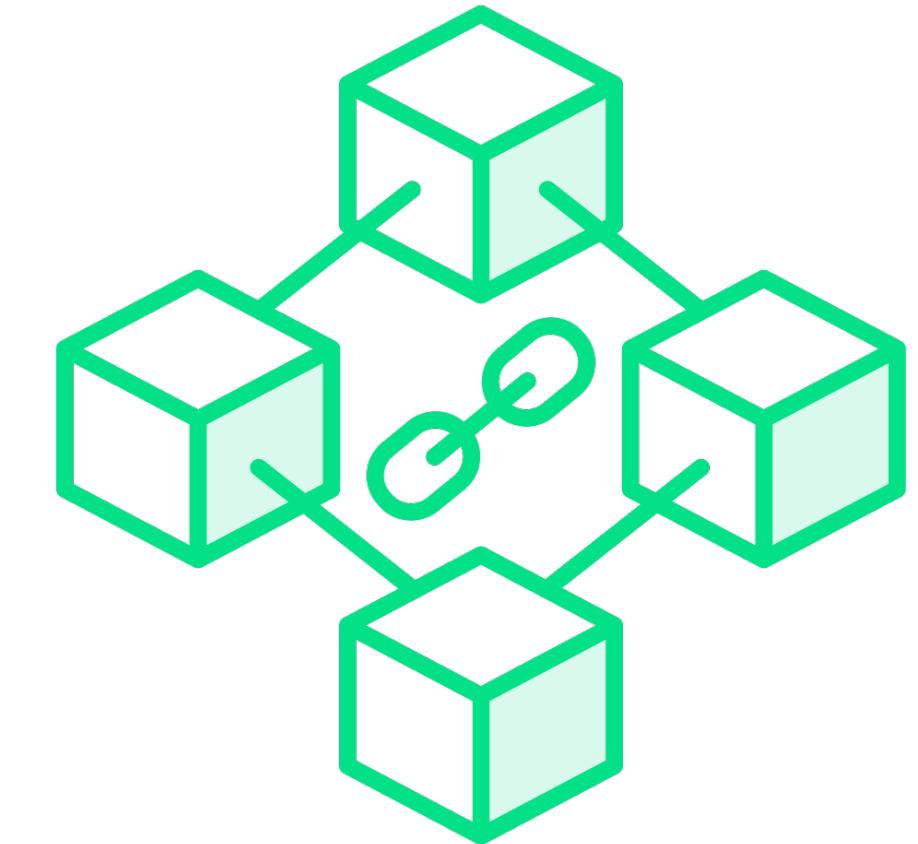
# How IT Operations Strategies Drive Sustainability



**Build scalable,  
future-ready systems**



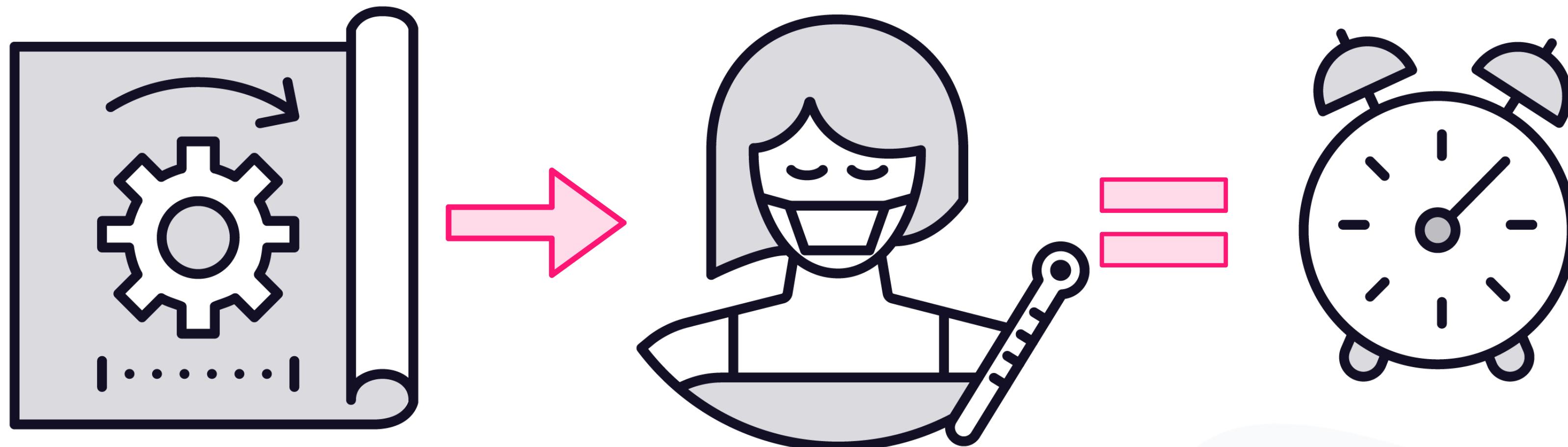
**Expand access  
+ inclusion**



**Optimize energy  
+ reduce waste**



# The Risk of Doing Nothing



No plan

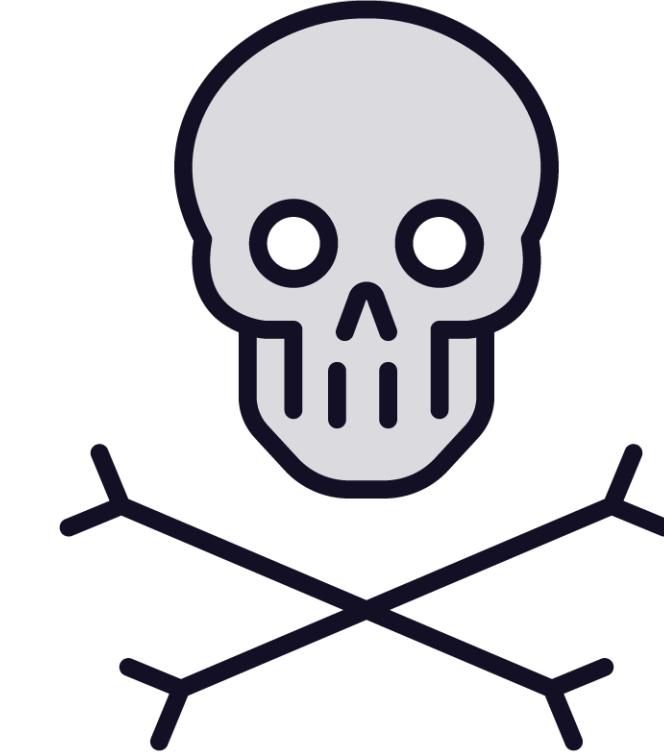
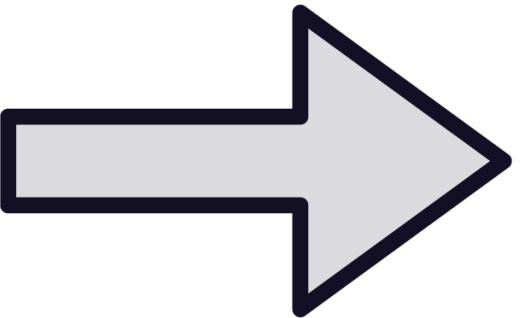
Unexpected disaster

Wake up

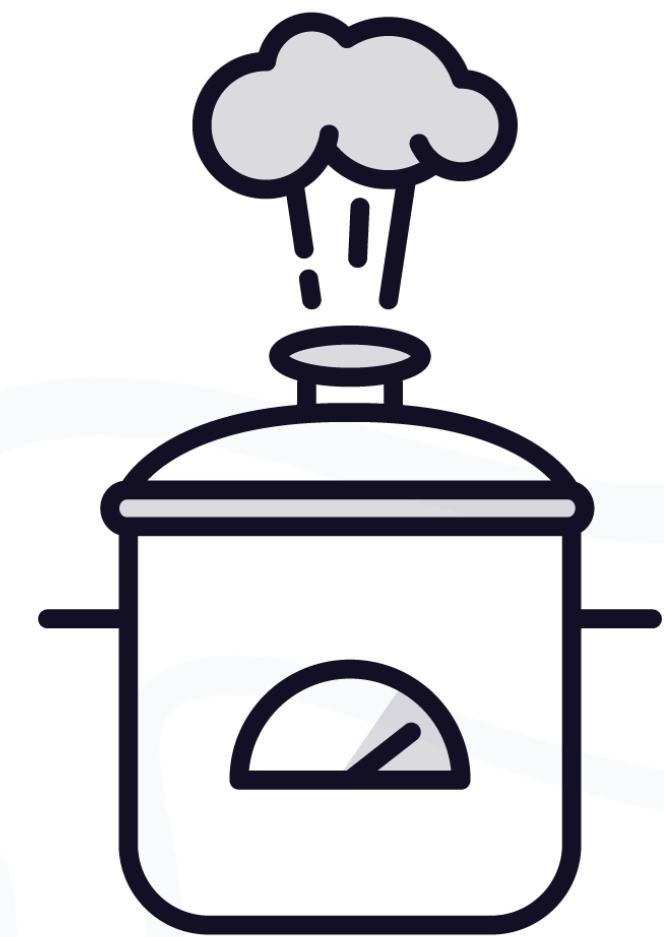
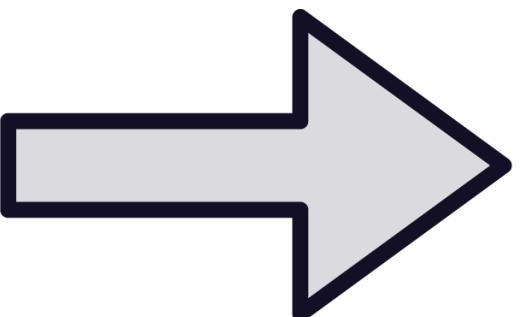




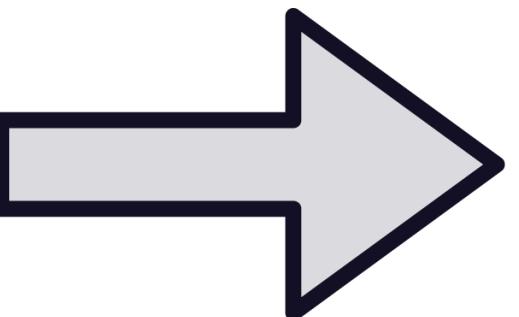
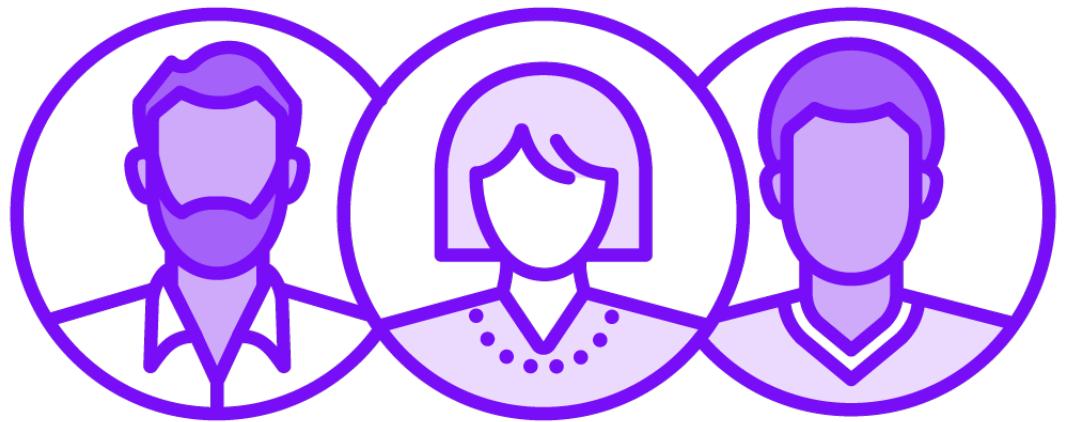
System failure



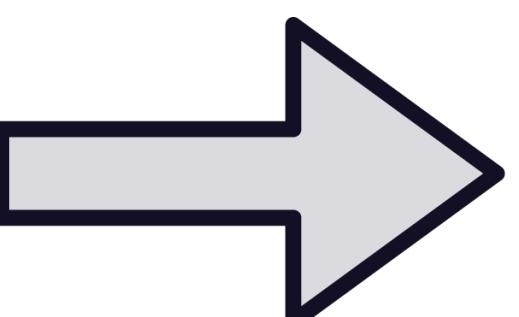
The heat is on!



Rinse, wash and repeat...



When you don't plan, you pay!



# *Doing Nothing?*

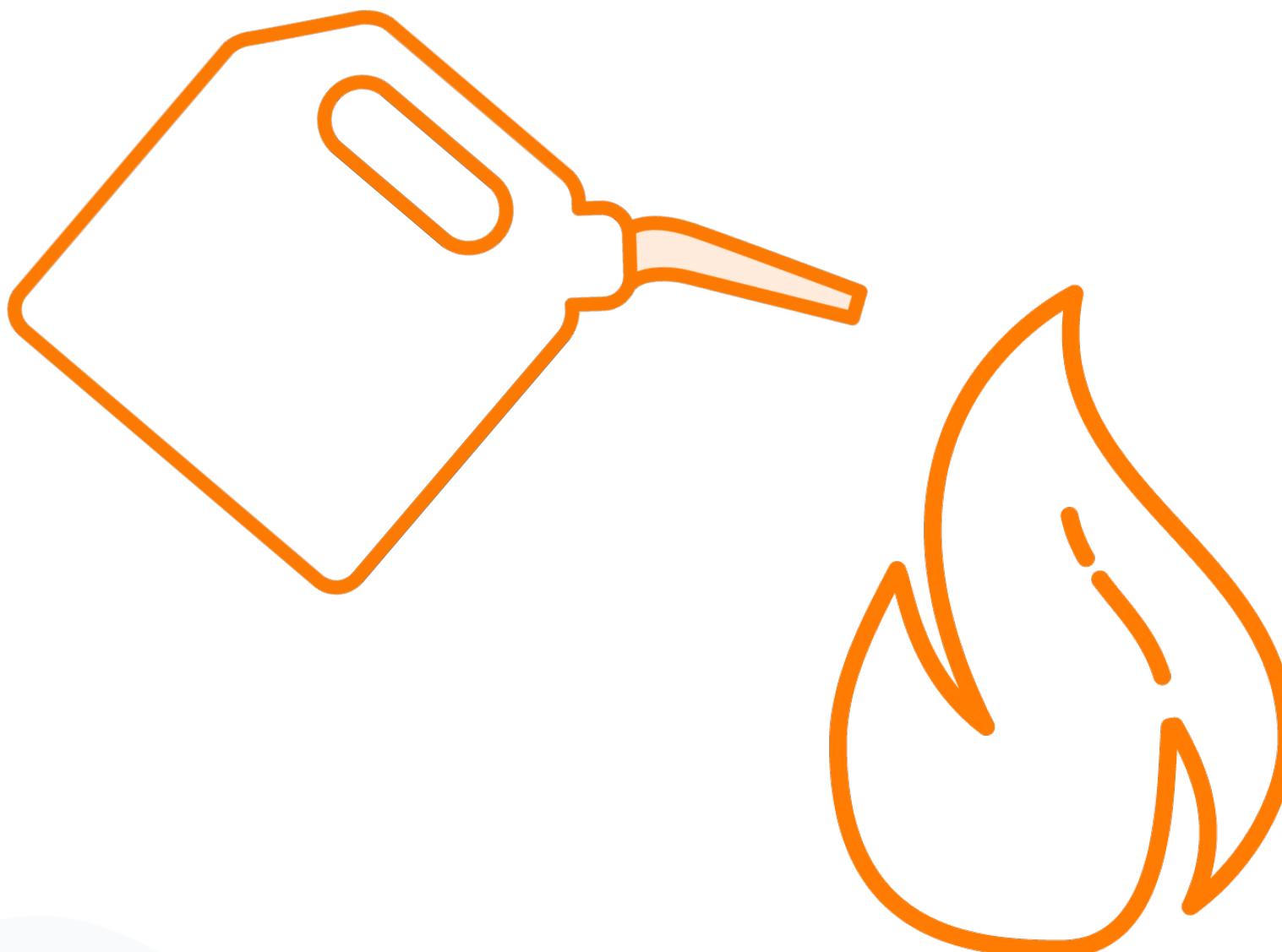
**Is NOT a smart business move**



**It's a competitive, financial, and a human-cost  
dumpster fire waiting to happen!**

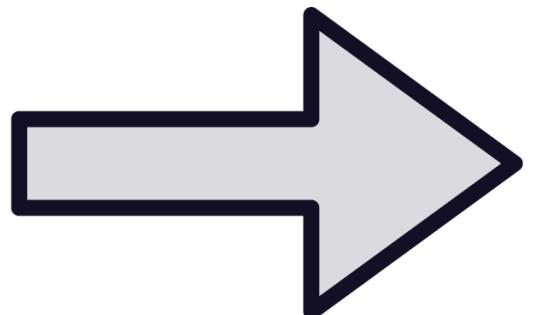


*You're Not Here to Watch it Burn!*

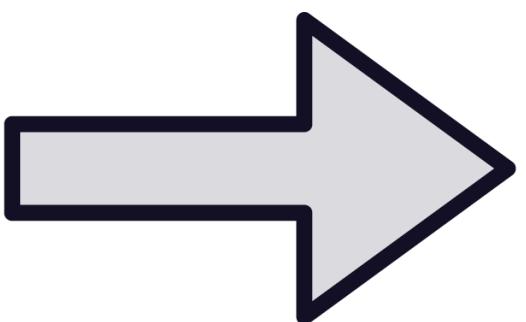


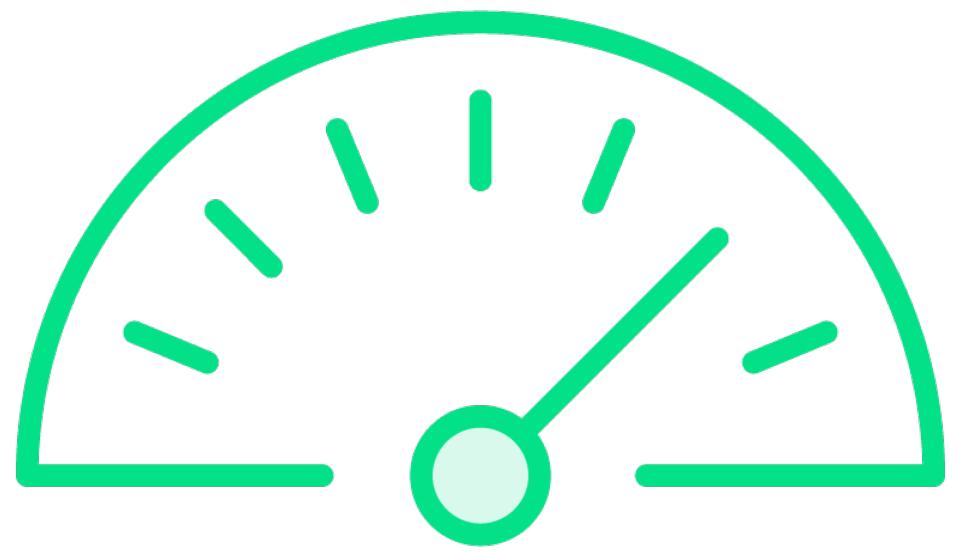


No waste = business growth

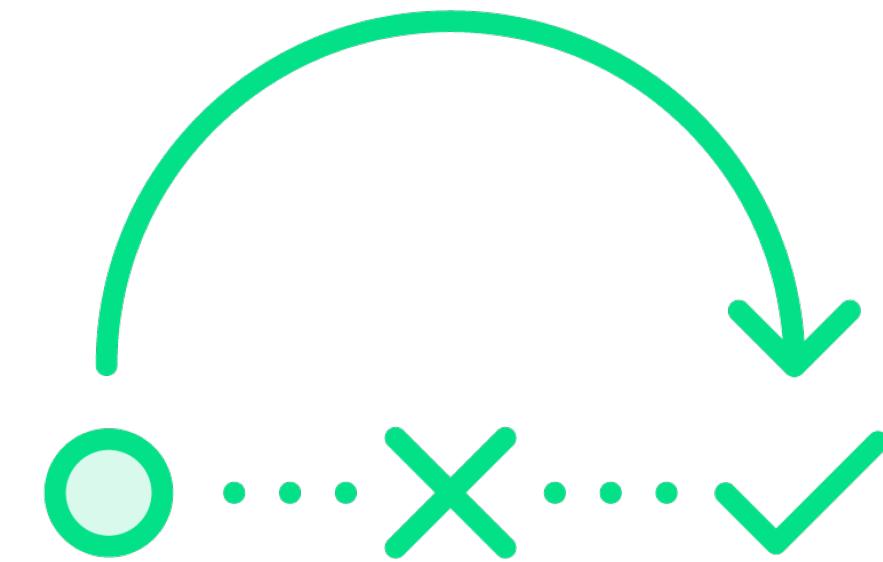
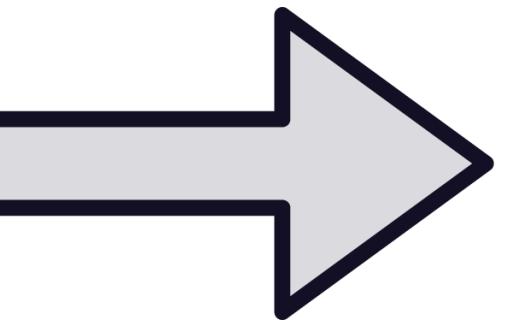


Fresh perspectives = innovation

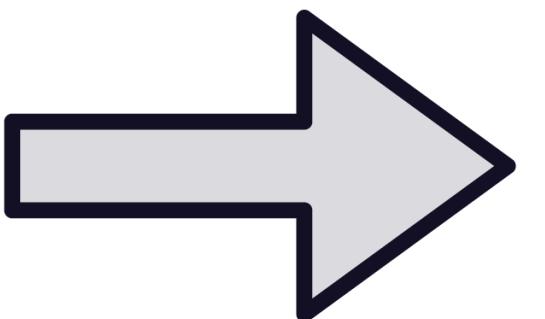


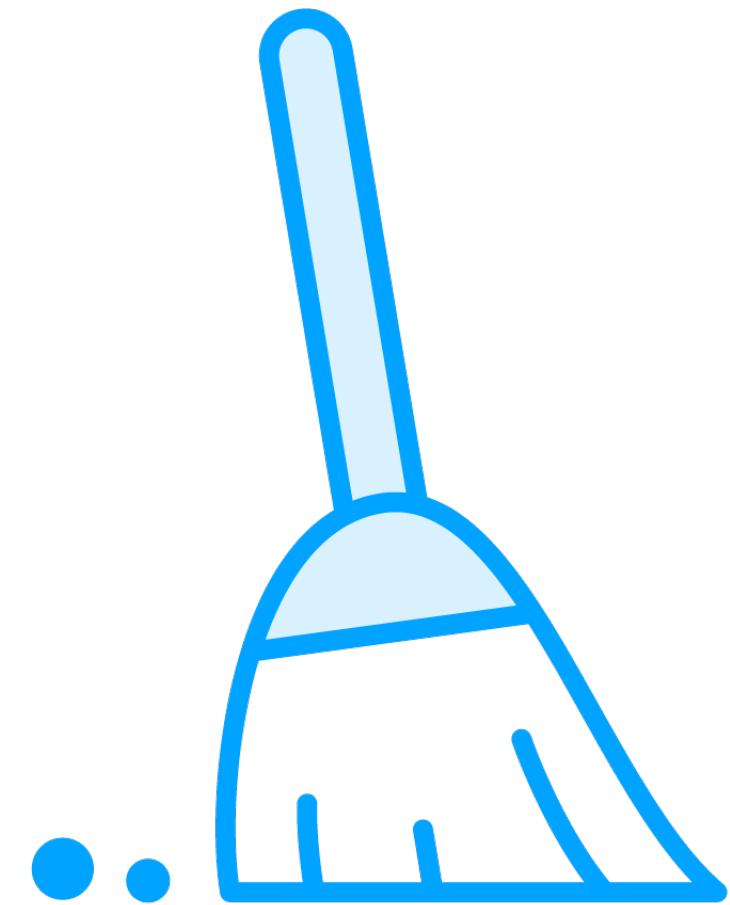


**Sustainable growth**

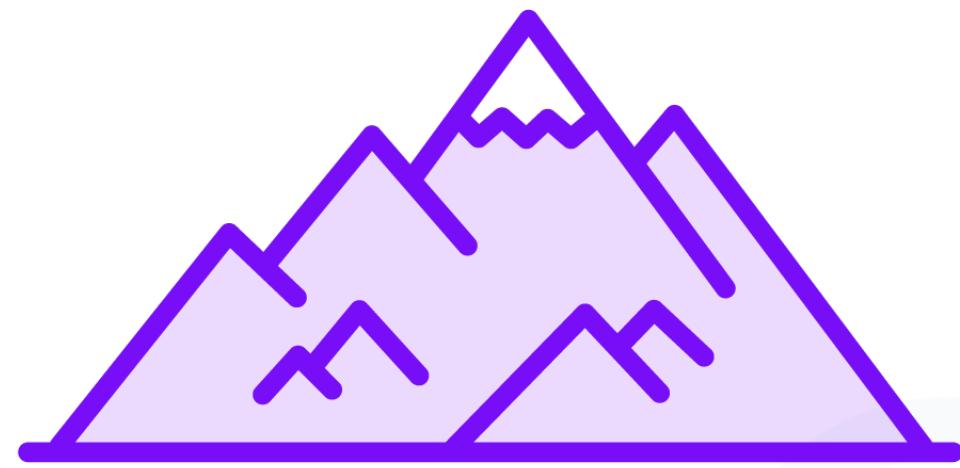
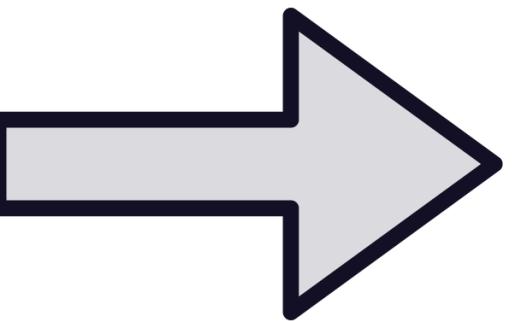


**Integrity matters!**

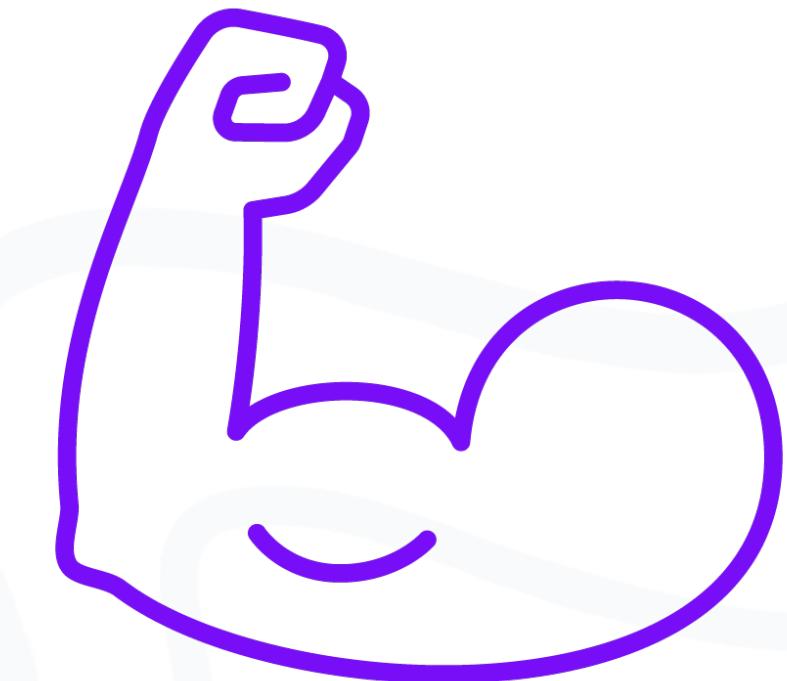
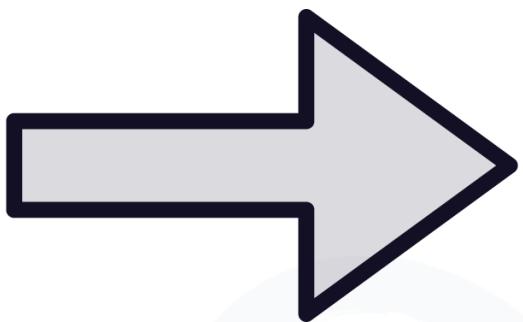




Empowerment through example



Lead the climb!

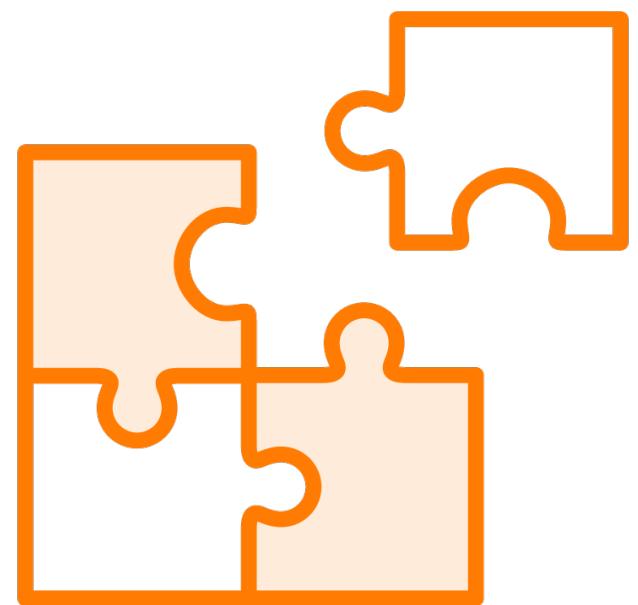


**Risks**



- - - -

**Connection**



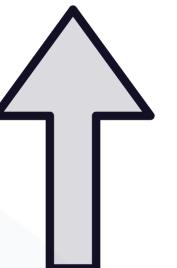
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**Alignment**



- - - -

**Future**

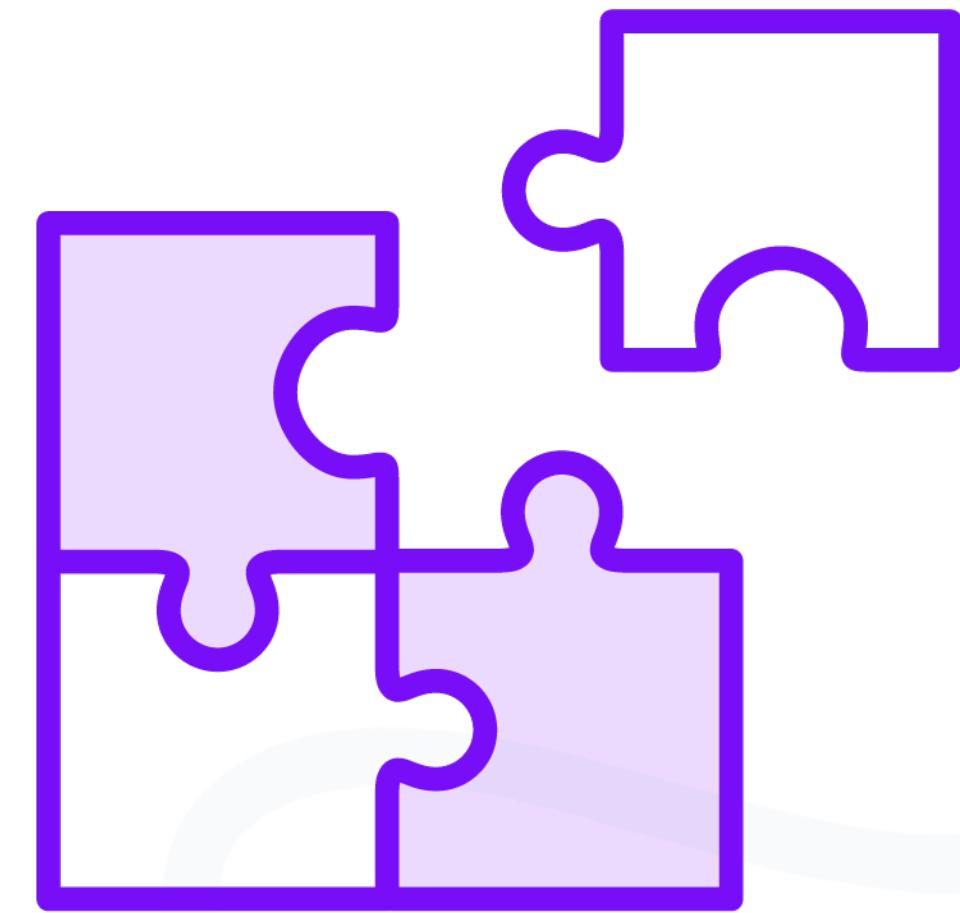
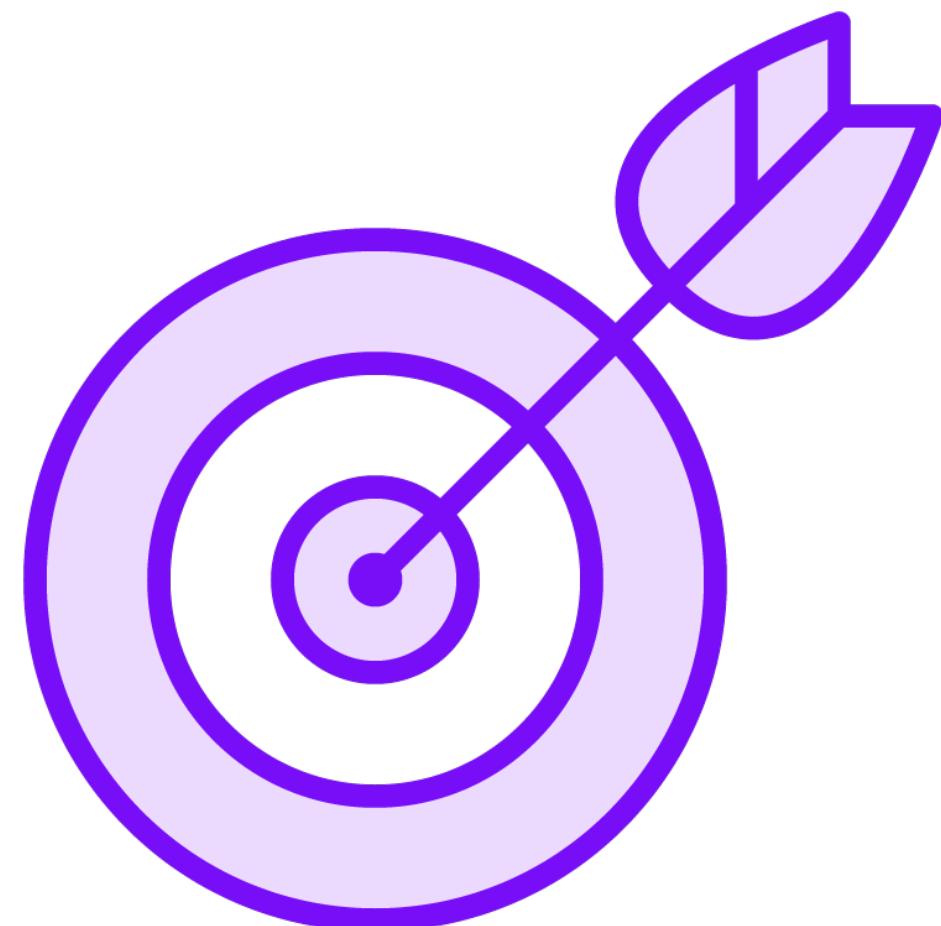




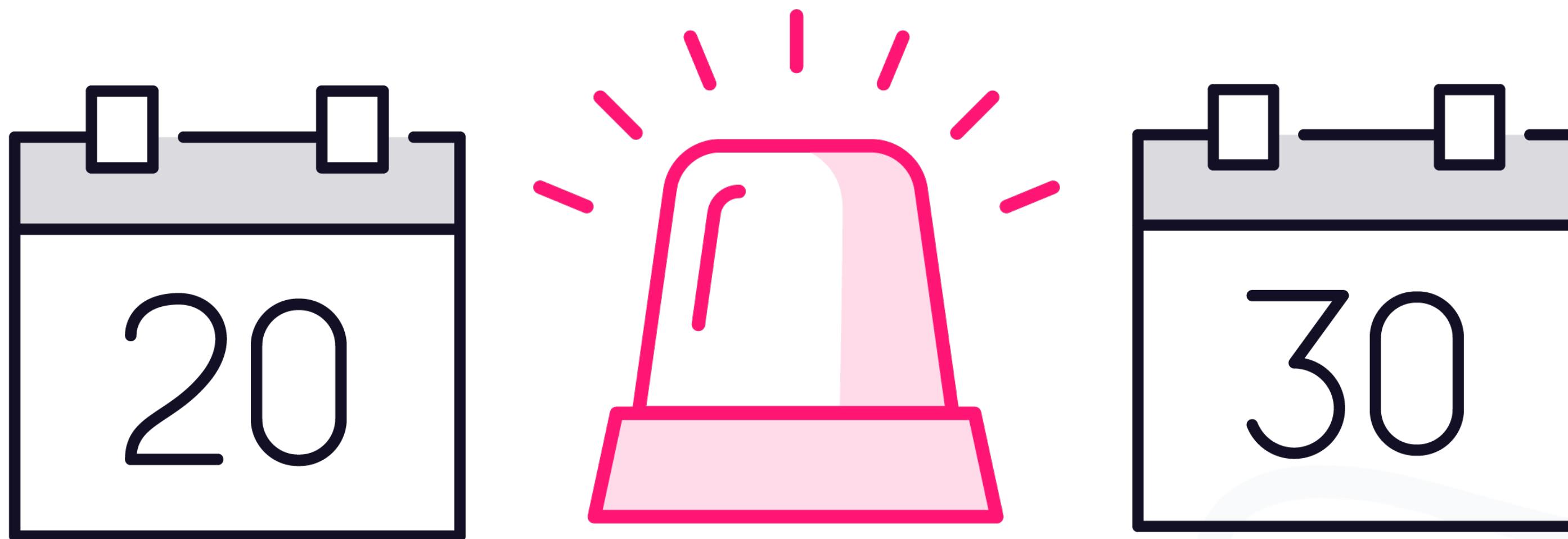
# | UN Sustainable Development Goals (SDGs)



# Why SDG's Matter?



## What global problems can we help solve?



IT Operations sits at the heart of  
sustainability challenges and solutions



# Workforce Risks

**Access, inclusion, and economic empowerment**



**SDG 4- Quality Education**

**SDG 5- Gender Equality**

**SDG 8- Decent Work and Economic Growth**

**SDG 10-Reduced Inequalities**

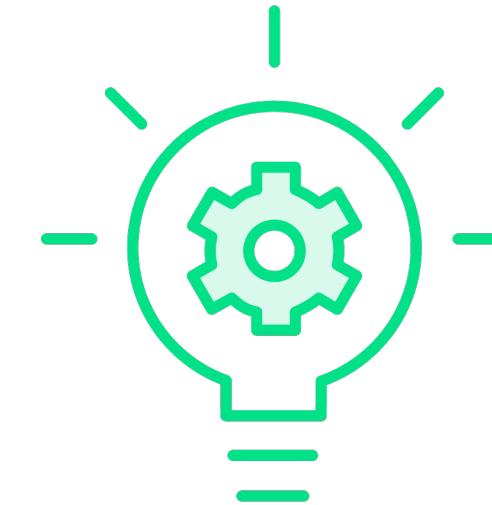


# Challenges



- Unequal access**
- Gender gaps**
- Barriers to decent jobs**
- Systemic Inequalities**

# Solutions

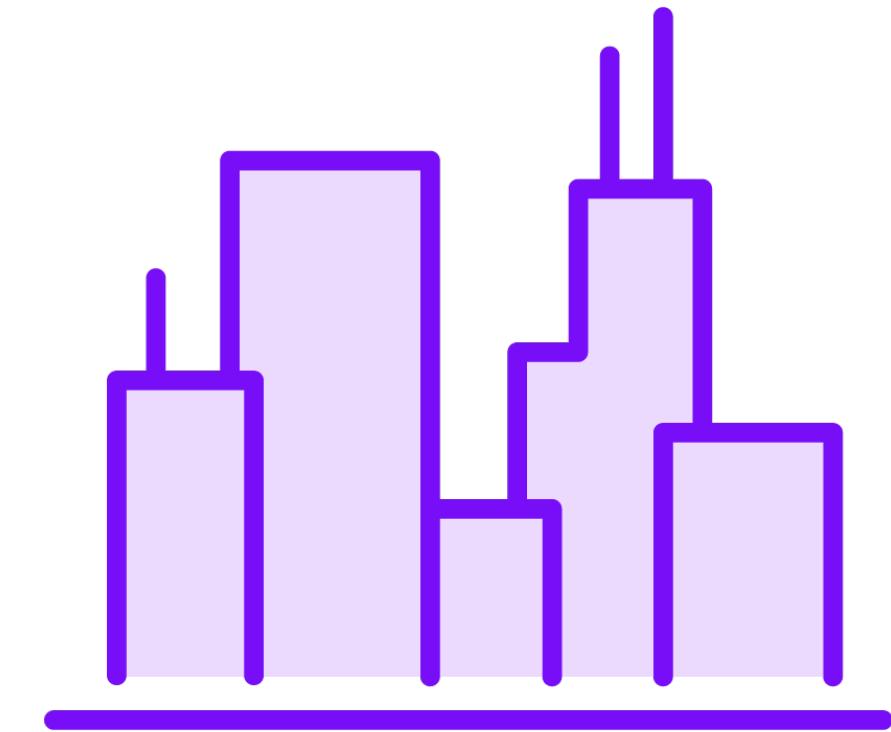


- Inclusive initiatives**
- Leadership programs**
- Entrepreneurship**
- Close opportunity gaps**



# IT Infrastructure

**Building resilient, future-ready systems**

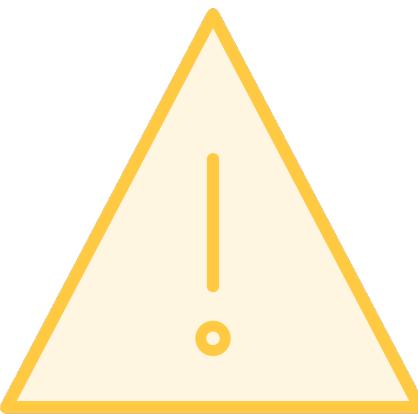


**SDG 9- Industry, Innovation and Infrastructure**

**SDG 11- Sustainable Cities and Communities**

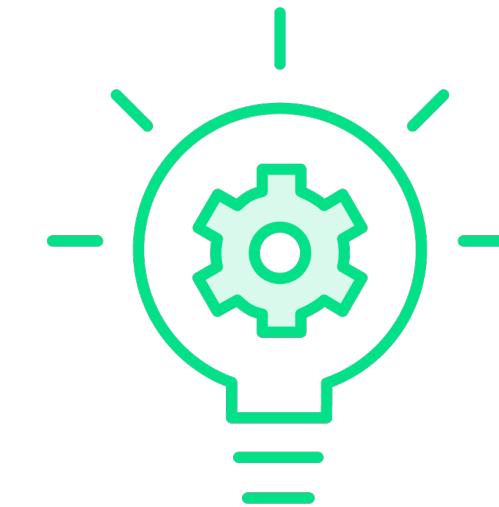


# Challenges



- Outdated infrastructure
- Urban disconnection
- Barriers to innovation
- Transportation and housing inequities

# Solutions



- ! ✓ Updated infrastructure
- ! ✓ Sustainable urban models
- ! ✓ Innovation hubs
- ! ✓ Improved transportation and housing access



# **Environmental Risks**

**Sustainable resource management and climate readiness**

**SDG 7 – Affordable and Clean Energy**



**SDG 12 – Responsible Consumption and Production**

**SDG 13 – Climate Action**

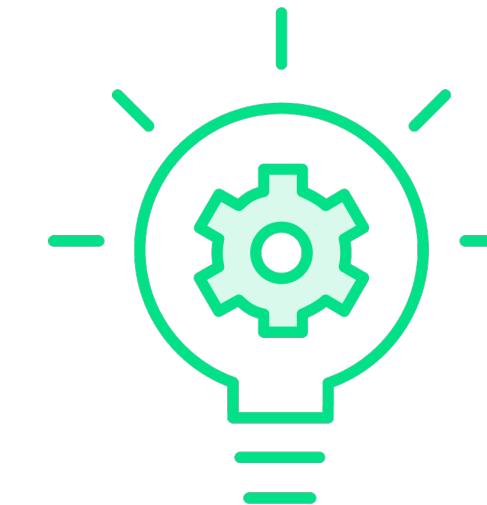


# Challenges



- Energy gaps
- E-waste
- Rising climate risks
- High carbon emissions

# Solutions



- ✓
- ✓
- ✓
- ✓

- Clean energy sourcing
- Responsible consumption
- Climate resilience
- Emissions reduction



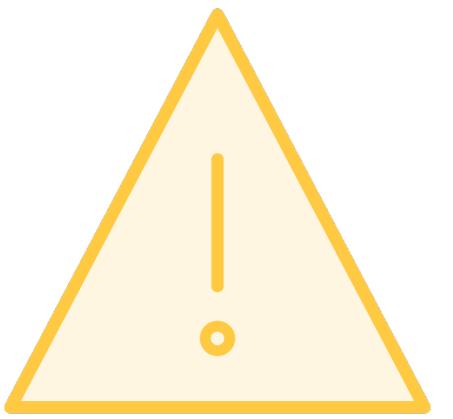
# Partnerships and Global Collaboration

*Scaling impact through strategic collaboration*

SDG 17 – Partnerships for the Goals

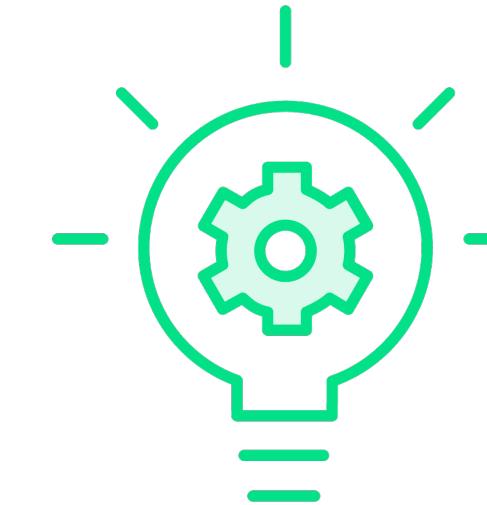


# Challenges



- Fragmented efforts
- Misaligned goals
- Funding gaps
- Knowledge sharing gaps
- Lack of ownership

# Solutions



- Strategic partnerships
- Shared dashboards
- Sustainable funding
- Knowledge sharing alliances
- Sustainability ownership

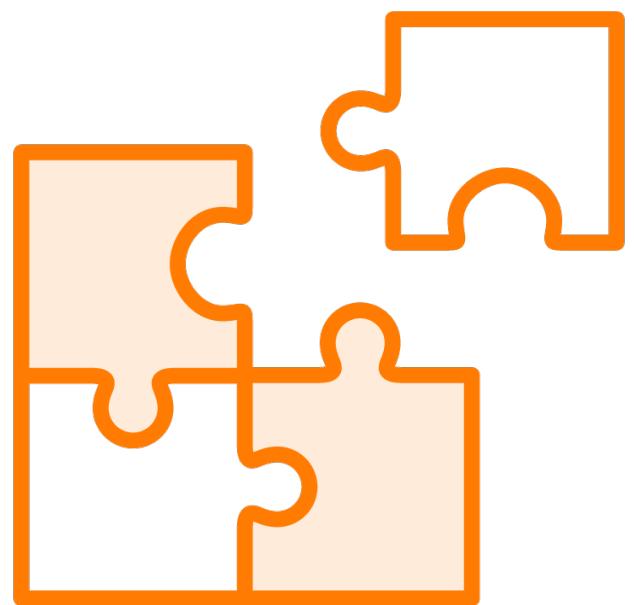


**Risks**



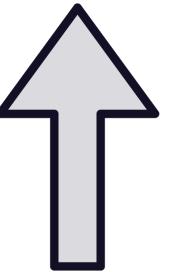
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**Connection**



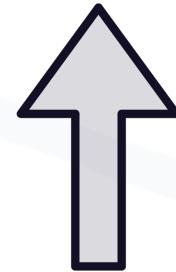
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**Alignment**



- - - -

**Future**

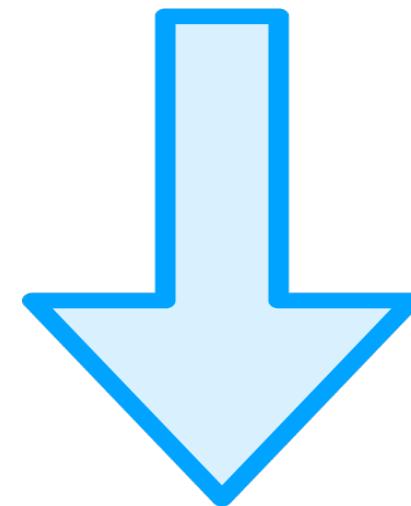


# | ESG Framework and Business Continuity



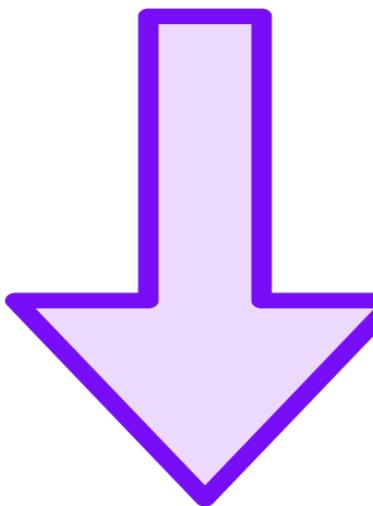
# What is ESG?

Environmental



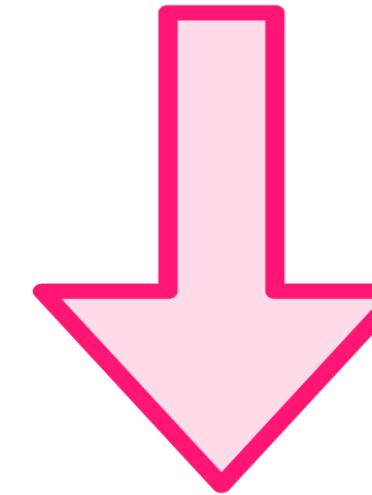
- 1. Energy use
- 2. Emissions
- 3. Waste
- 4. Infrastructure

Social



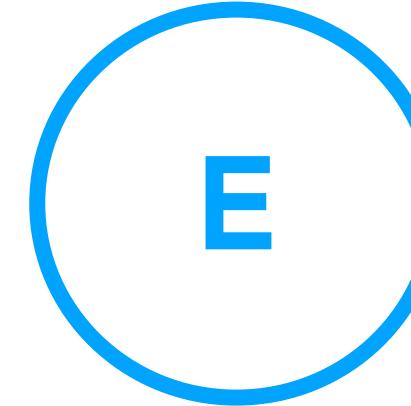
- 1. Accessibility
- 2. Inclusion
- 3. Labor practices
- 4. Community

Governance

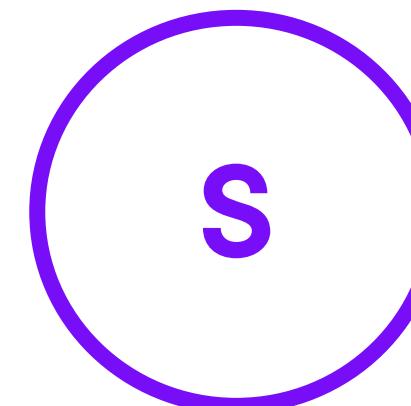


- 1. Ethics
- 2. Accountability
- 3. Data privacy
- 4. Policies





**Resource or energy impact?**



**Who's affected?**



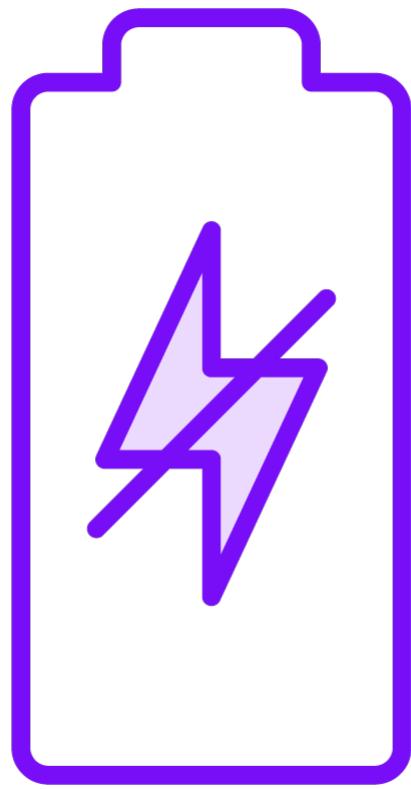
**Equity or access issue?**

**Who's accountable?**

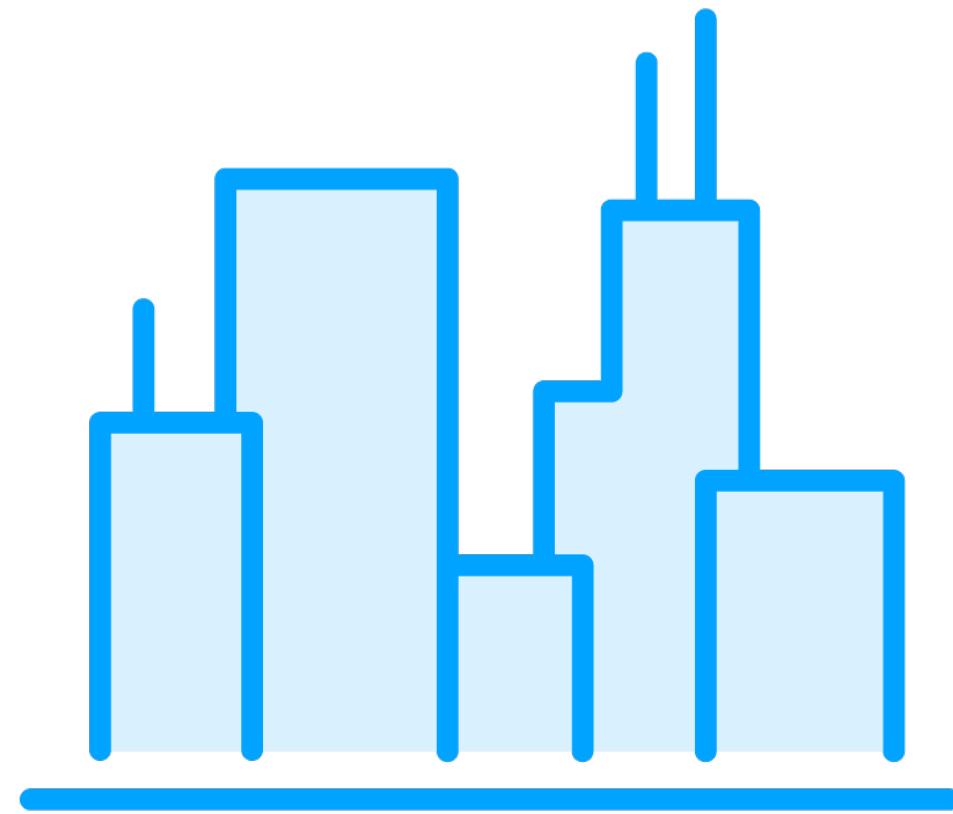
**Compliance or reputation risk?**



# Over-centralized IT Infrastructure with No Disaster Recovery Plan



# SDG Connection



[SDG 11](#)

Sustainable Cities and Communities

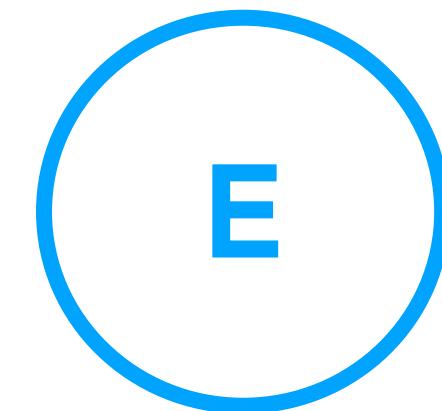
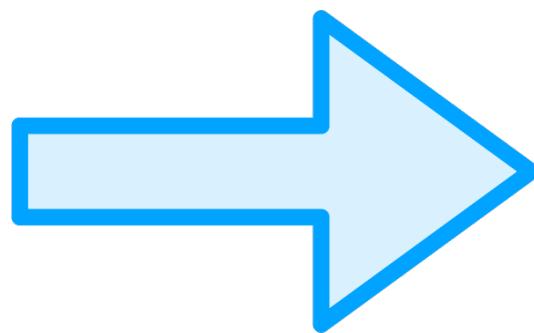


[SDG 9](#)

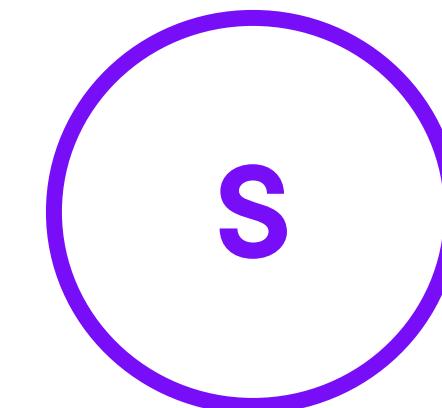
Industry, Innovation, and Infrastructure



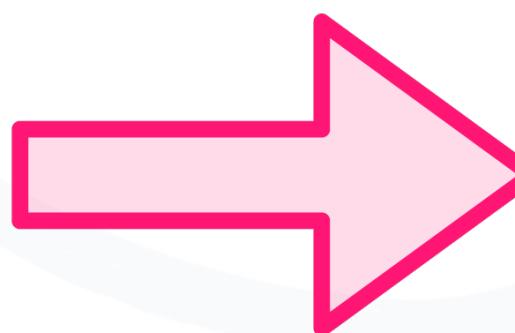
# ESG Impact Alignment



**More energy or emissions?**



**Who's impacted if down?**



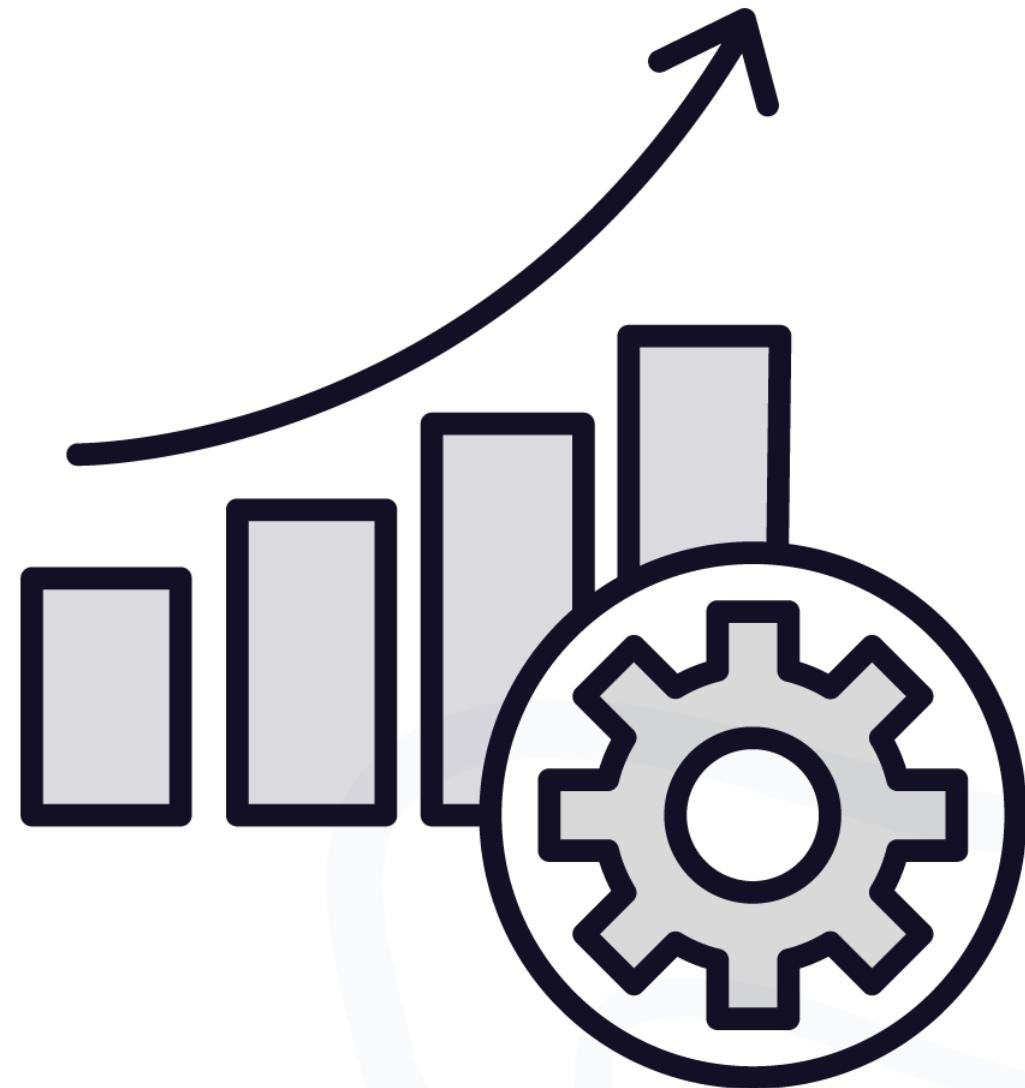
**Who's accountable here?**

**Compliance risk exposed?**

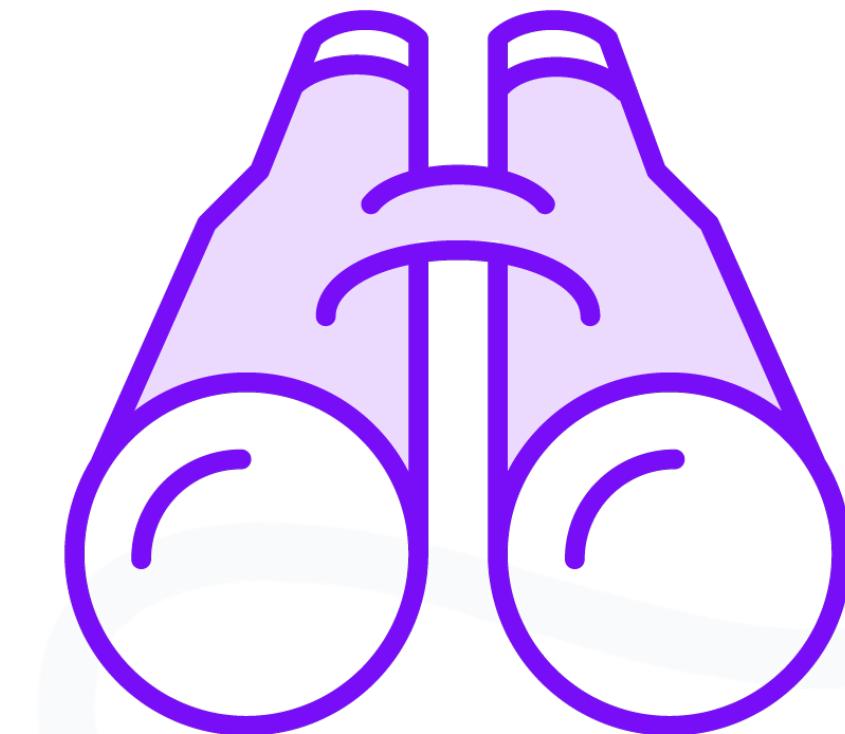
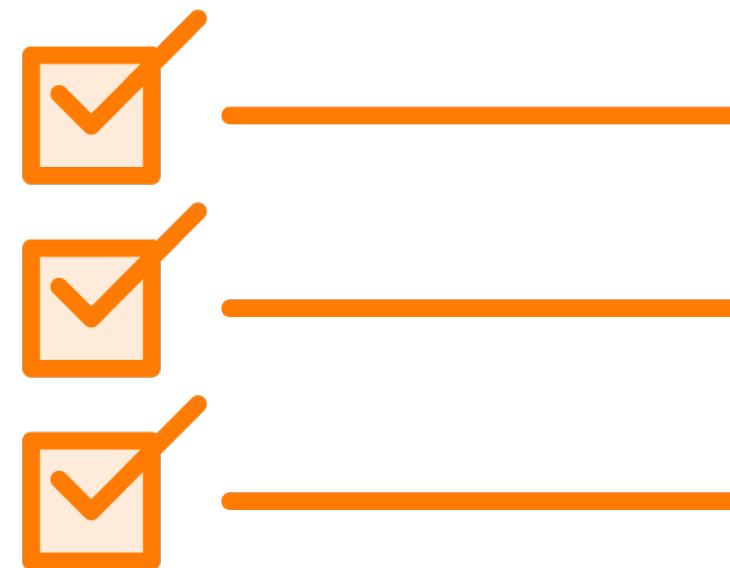


# ESG Future Outcome

Globomantics becomes a **resilient**,  
**low-emission organization** with  
decentralized infrastructure and  
real disaster recovery – ready to  
**adapt, protect, and grow through**  
**disruption.**



# No Supplier Labor Audits and No Vendor Accountability Standards



# SDG Connection

SDG 12



**Responsible Consumption and Production**

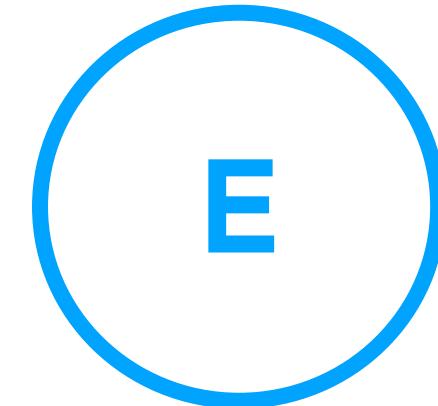
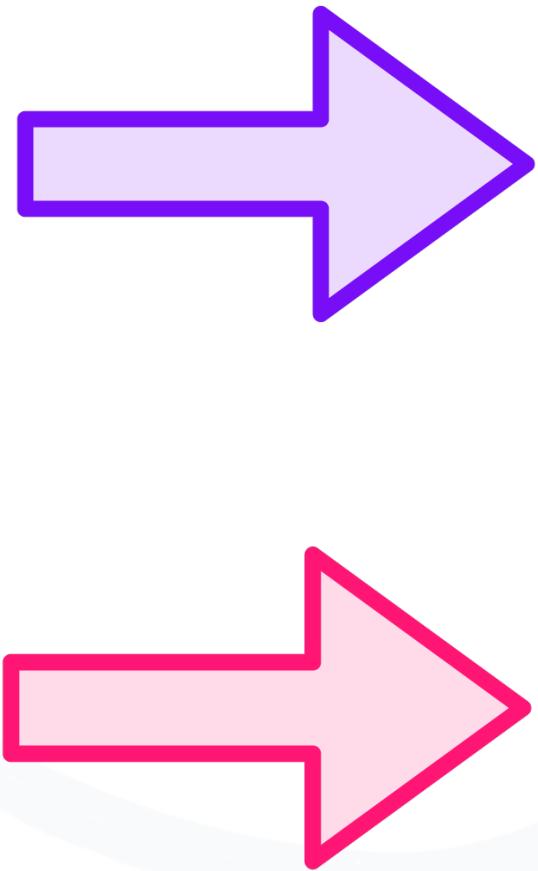
SDG 8



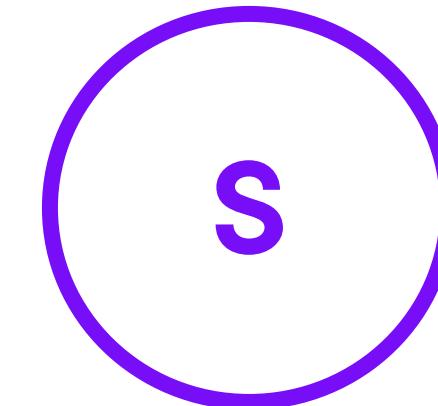
**Decent Work and Economic Growth**



# ESG Impact Alignment



**Supplier harming environment?**



**Fair labor practices?**



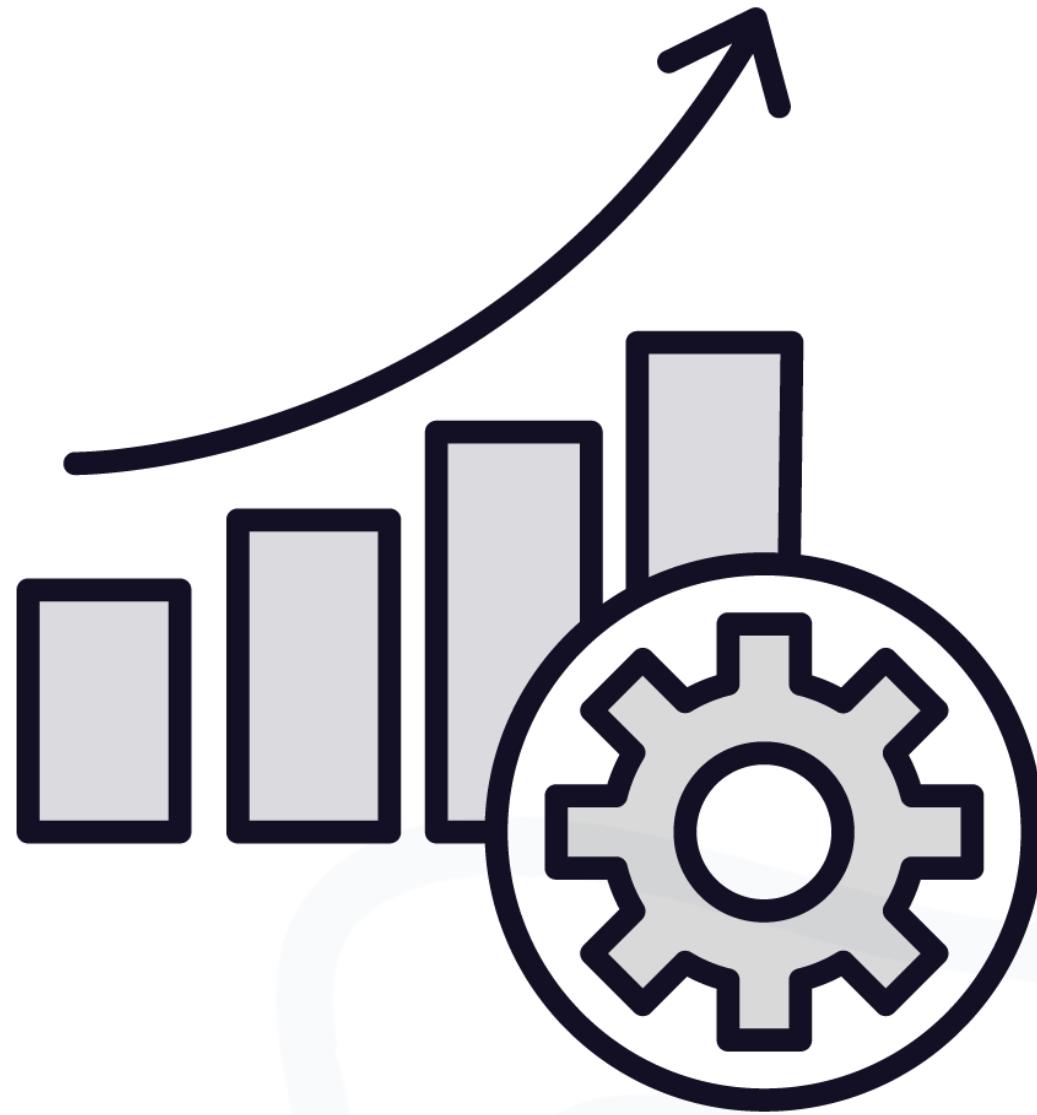
**Who's ensuring accountability?**

**Policy or oversight gap?**

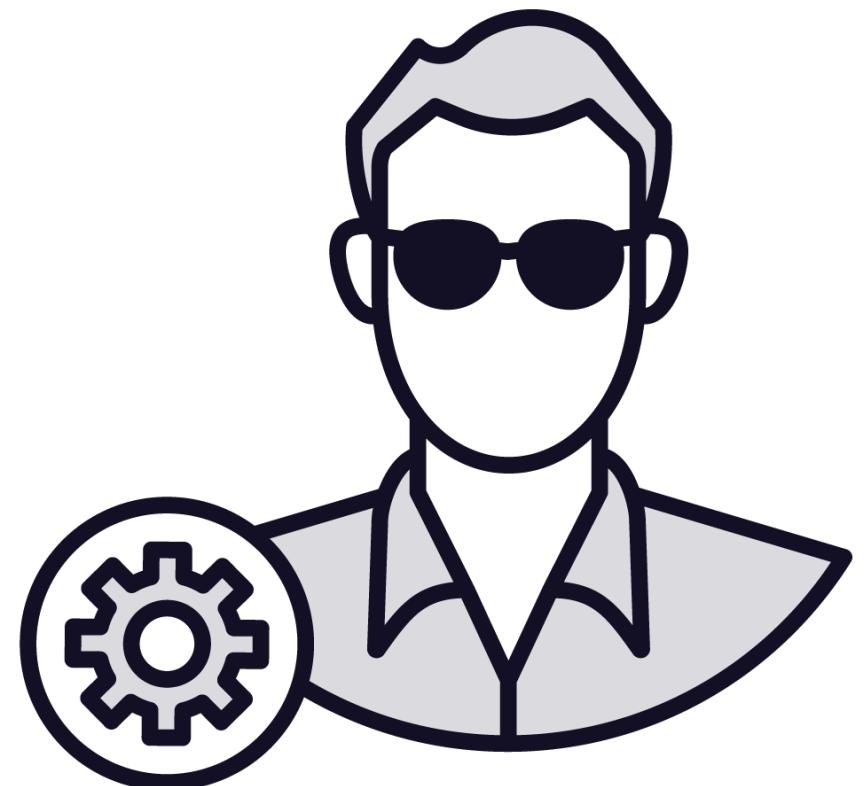
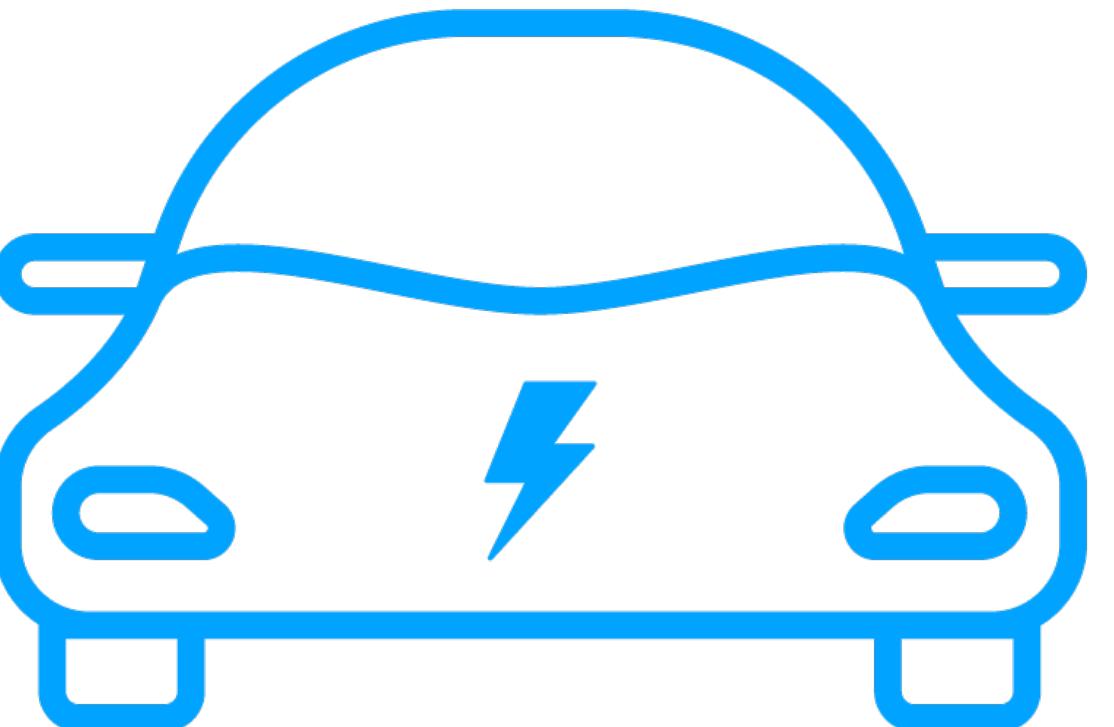
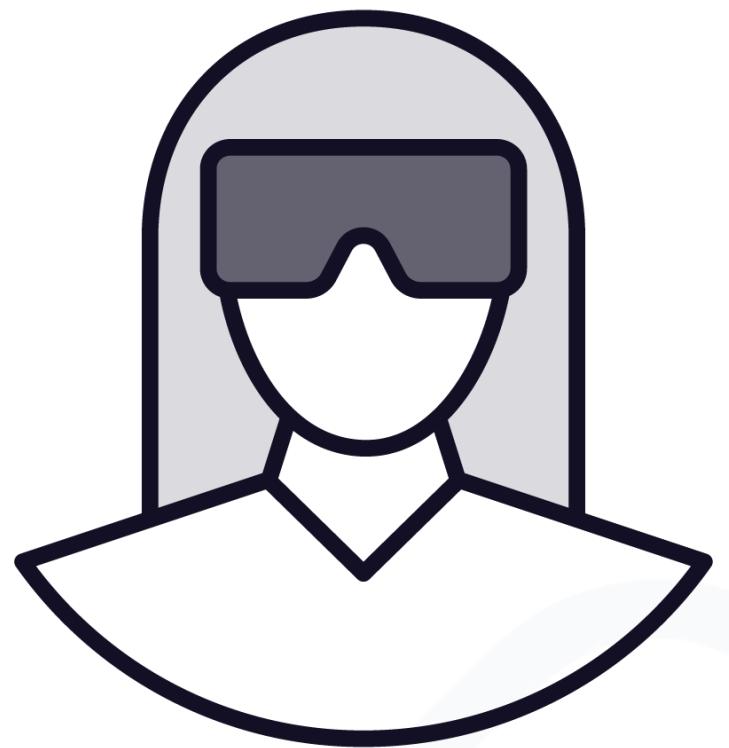
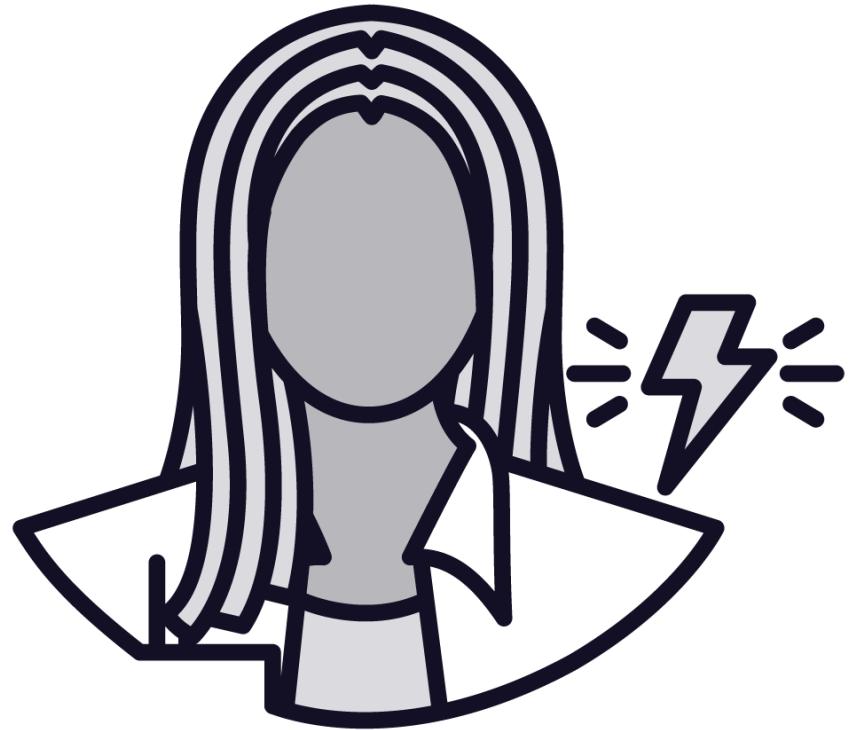


# ESG Future Outcome

Globomantics establishes **clear supplier standards, enforces regular audits, and builds transparent, ethical partnerships – reducing risk and reinforcing trust across the entire value chain.**



# The Road to Sustainability



# How Does IT Ops Sustainability Support Business Continuity?

Risk reduction

Efficiency & cost savings

Reputation & trust

Infrastructure resilience

Regulatory readiness

Strategic decision-making

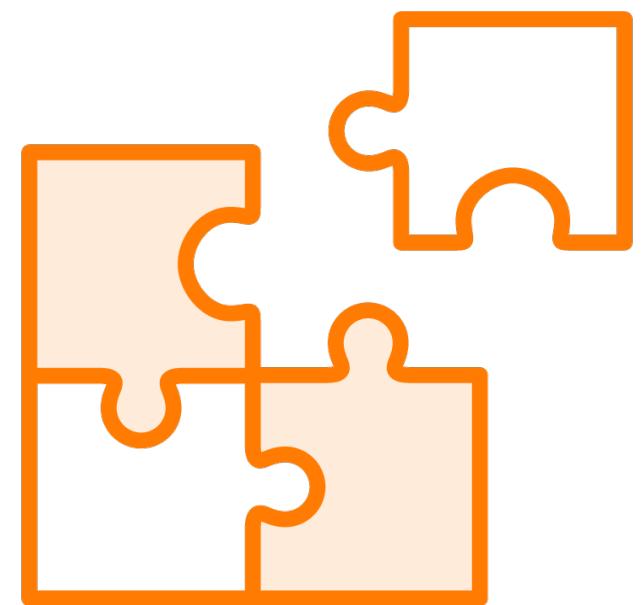


# The Road to Sustainability

Risks



Connection



Alignment



Future

