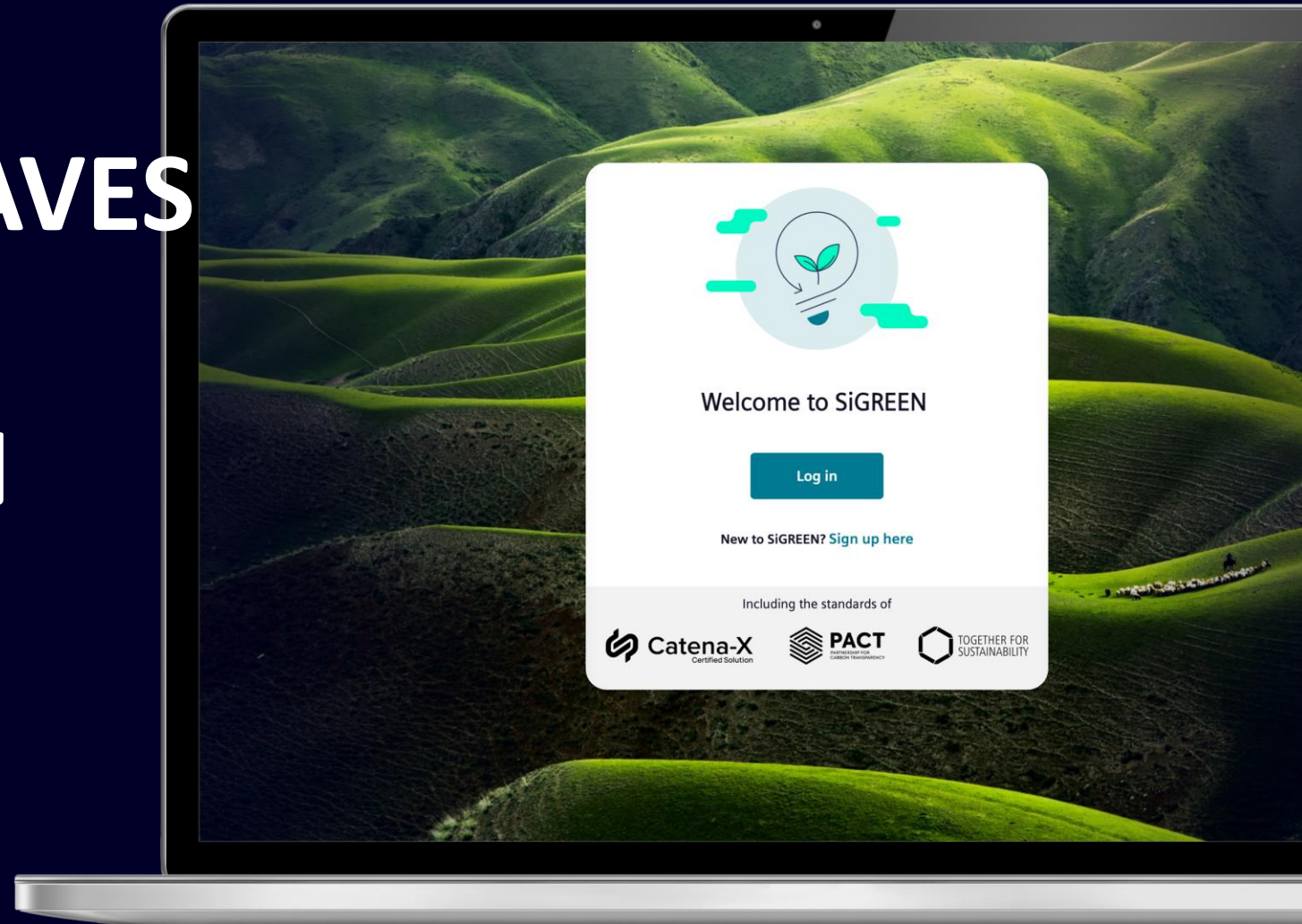




Procurement moves the needle

# HOW SOURCING SAVES YOUR DECARBONIZATION GOALS

Jonas Hohlweck | Siemens SiGREEN



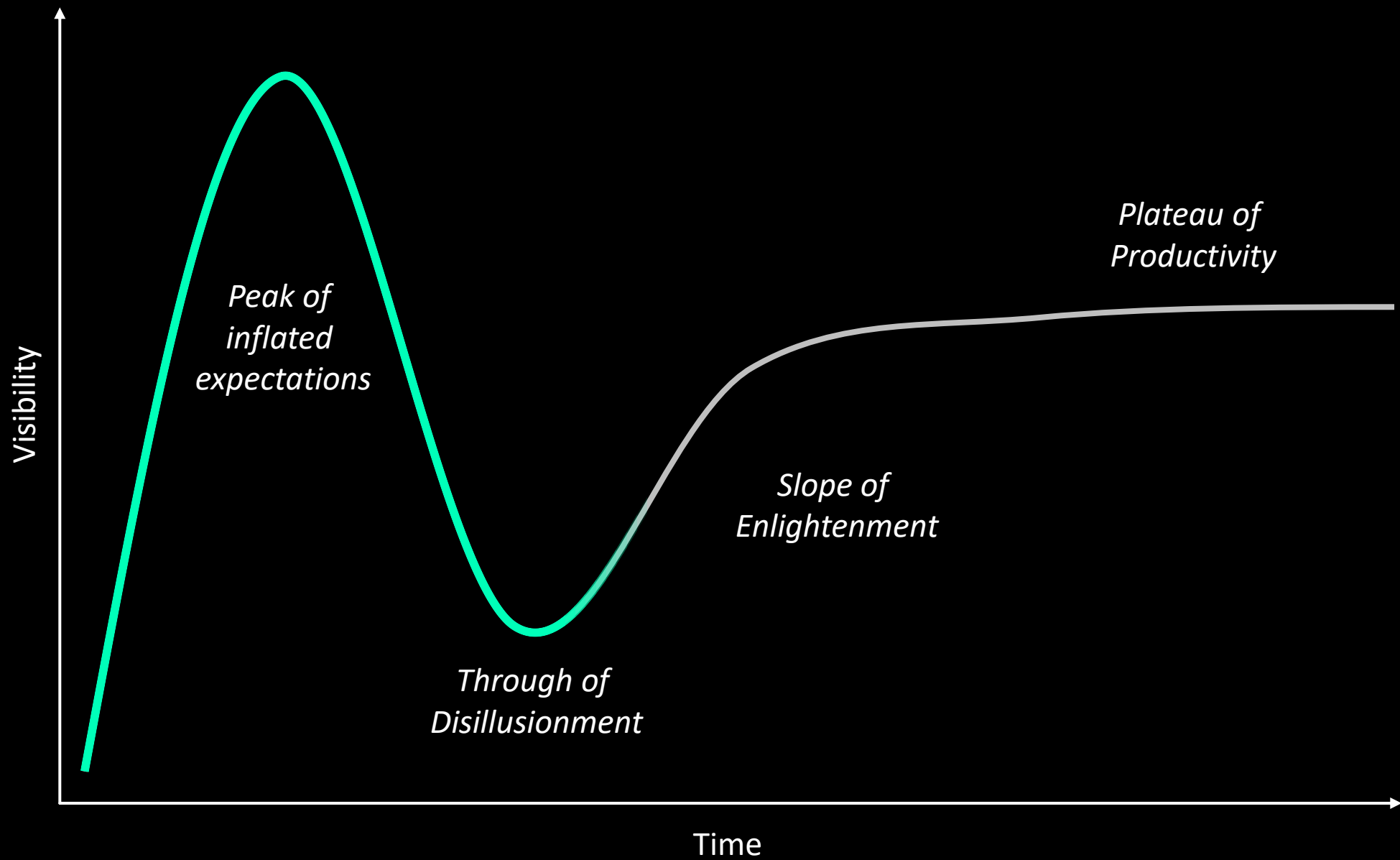
**SIEMENS**

**The  
Consultant**

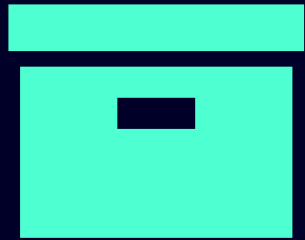
**The  
Marketing  
Guy**

**The  
LCA  
Dude**



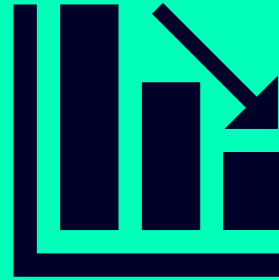


Customers demand  
**Product Carbon  
Footprints**



*“To quantify my own product footprint, I need to know those of the components and materials that make my product”*

Stakeholders demand  
**Scope 3.1 Reduction**



*“To further reduce my supply chain emissions, I need my suppliers to compete for the lowest carbon offer”*

Industry needs to **comply**  
with **ESG** regulations, such  
as **CBAM**



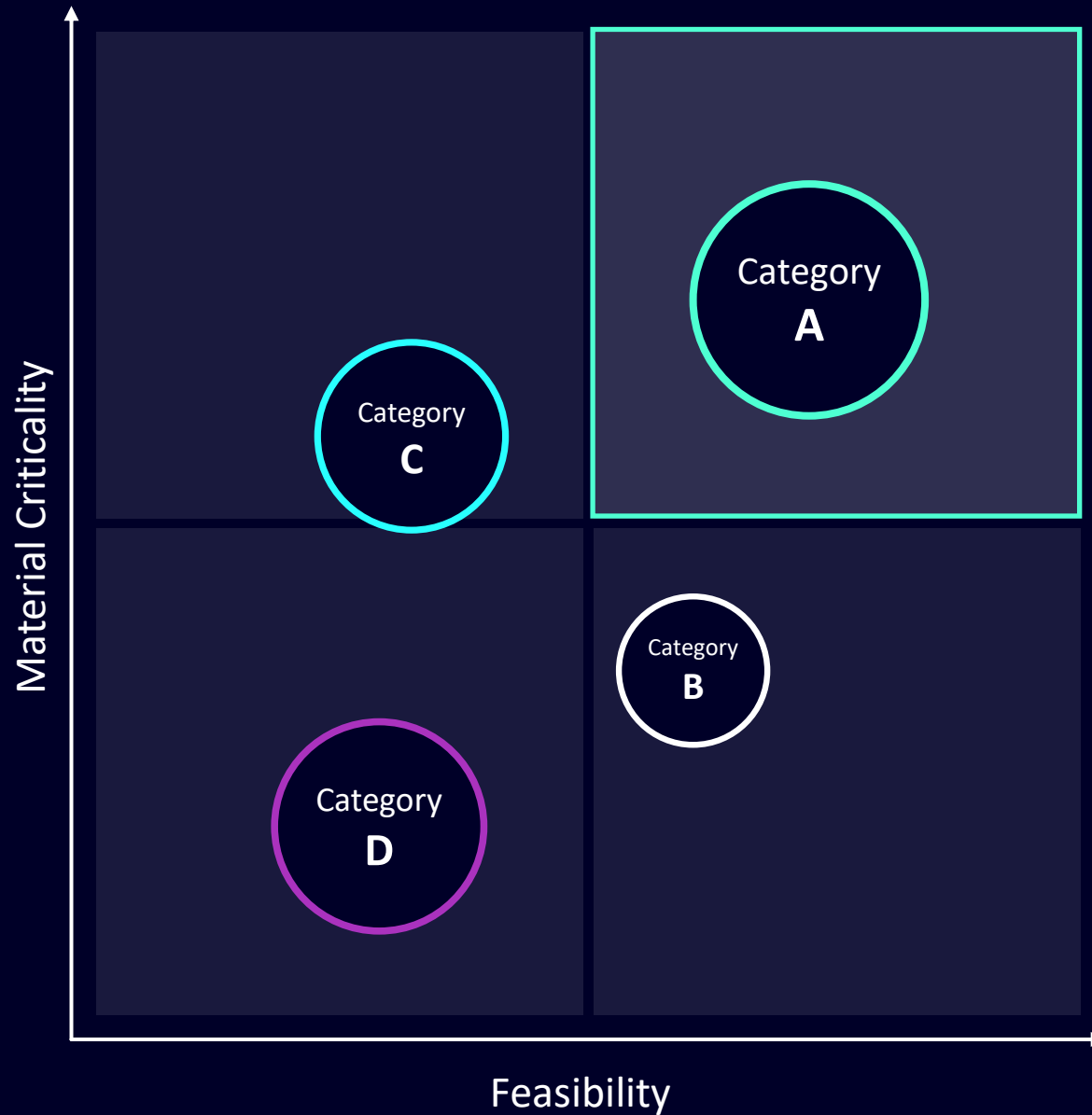
*“To comply with CBAM, I need footprints of the relevant goods I’m importing”*

Supplier  
**Product**  
Carbon Footprints

FROM  
**DECARBONIZING SUPPLIERS**  
TO  
**DECARBONIZING SUPPLY**

## Material Criticality

- Impact on PCF relevant products
- Absolute Scope 3.1 contribution
- ...



## Feasibility

- Buyer vs. supplier markets
- Market maturity
- Synergies with other industries
- ...

## Suppliers

Metals

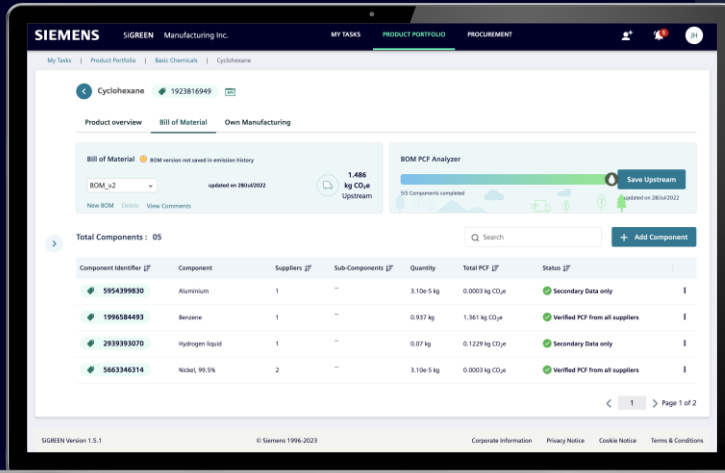
Chemicals

Electronics

...



CBAM



CBAM

## Customers

Automotive

Chemicals

F&B

...

Authorities

# SiGREEN



Tool-agnostic

Freemium Pricing

Integrated via APIs

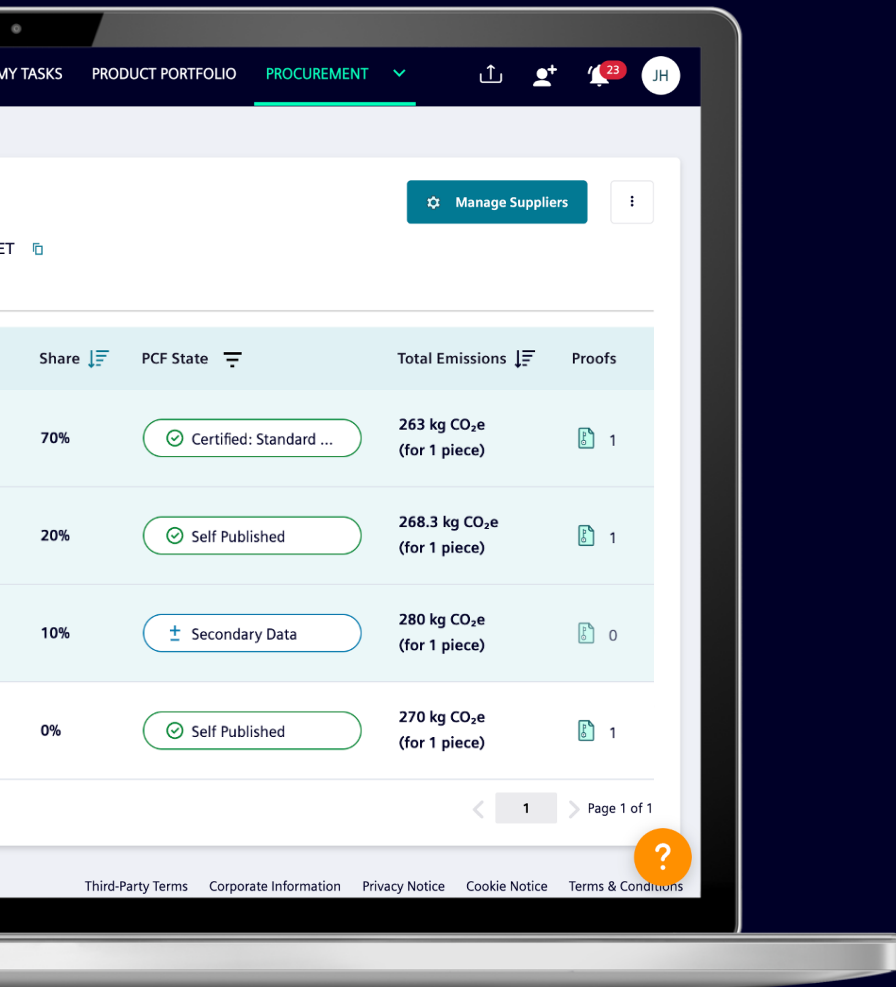
Gate-to-Gate Interface

Tool-agnostic

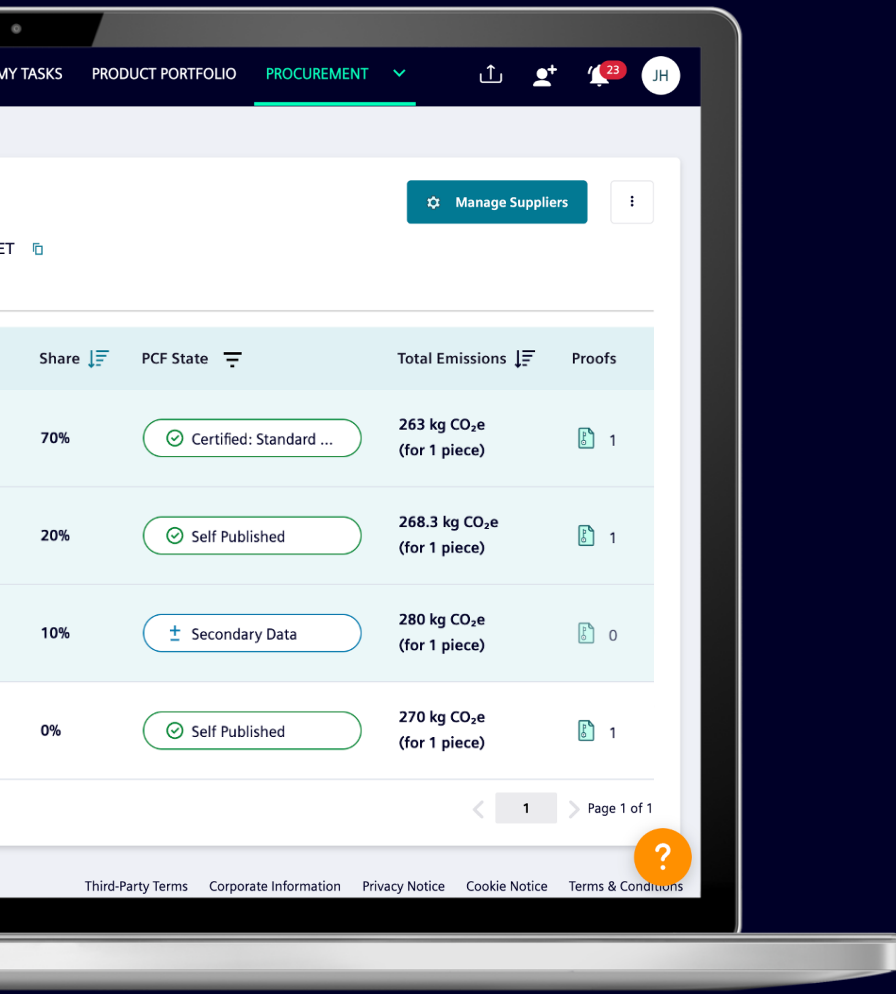
Optional Verification

**prove**

**improve**



foster  
sustainable  
supply  
chains

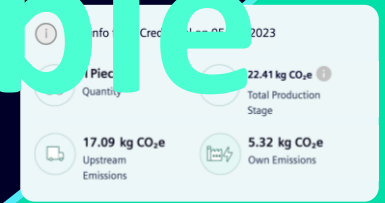
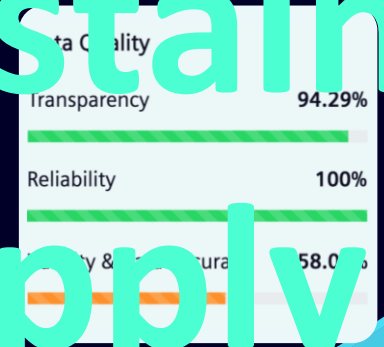


Incentivize  
Data Provision  
*Indicator:  
Level of Authenticity*

Incentivize  
Data Quality  
*Indicator:  
Data Quality Scores*

Incentivize  
Carbon Reduction  
*Indicator:  
PCF CO<sub>2</sub>e*

- ✓ PCF Certified
- ✓ PCF Self Published
- ⚠ PCF Unavailable
- ⚠ Supplier Not Joined

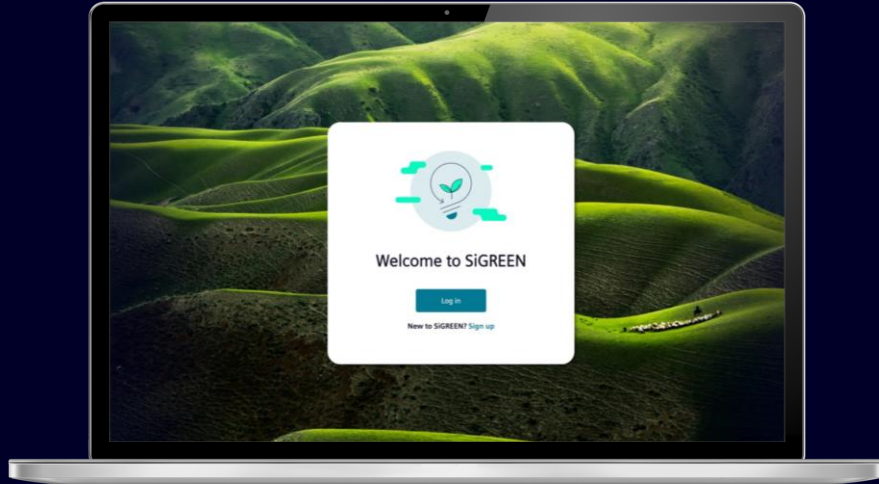


# foster sustainable supply chains

**AWARENESS**

**DEVELOPMENT**

**COMPETITION**



# SiGREEN



## Confidentiality & Data Security

- Non-disclosure governance
- Request-Response principle



## Multi-Standard-Compliance

- PCF Comparability
- Cross-industry collaboration



## Supplier Enablement

- Free tool version
- Extensive Knowledge Base and Trainings



## Tool-interoperability

- External: Tool-agnostic communication with other networks
- Internal: APIs to connect to your system landscape



## X-functional collaboration

- Multi-functional Role concept
- Access management



The Hangover (Warner Bros, 2009)