ecoCompute Berlin | 14.11.2025

Scaling the abilities to experiment in digital product eco-design

resilio

Solutions for a sustainable world.

resilio-solutions.com – contact@resilio-solutions.com

Facing a challenge: eco-design in a large group

How do I scale eco-design?

I paid the best consultants last year, but nobody cares!

Well, one app is fine but... we have 6'000 apps!

Pleaaase, anyone around with an idea?

Who are we?

A team of 25 passionate experts in 10 different domains.

Our mission:

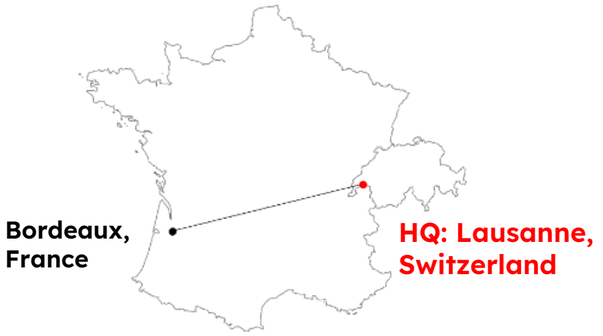
To support organizations towards digital sustainability

Our vision:

Act today to preserve tomorrow

Operating Worldwide

7 languages



Certified B Corporation

Resilio is a Swiss based company that helps organisations define and implement Sustainable IT strategies.

IN PARTNERSHIP WITH...

Blaze EPFL Startup accelerator · Planet Tech'Care - SIGNATAIRE - · Association green it · ADEME Agence de la transition écologique · AGIT Alliance Green IT · ISIT · Free ICT Europe · ITU · Boavizta · GEN AI IMPACT

swiss made software

Who am I?

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resilio

Certified B Corporation

Supporting organizations towards sustainable digitalization

Academy

Tech

Consulting

Database

Cloud Assess

#1

The challenge

Let’s meet our user!

Company context:
- Aircraft company, EU based
- ~150’000 pers. in the group
- 5-6’000 pers. in the IT dept. alone
- 6’000 apps in portfolio

Sustainable IT strategy:
✓**Assess global** IT footprint (in operation, **not** products)
- Work on **key infrastructures**
? **Scale** to so many PO & projects….

John Doe
Sustainable IT Manager
Aircraft EU Corp

How to embark so many project teams, architects, PO, PM, to deliver & scale eco-design practices across all the organization?
How to *teach* the right practices?

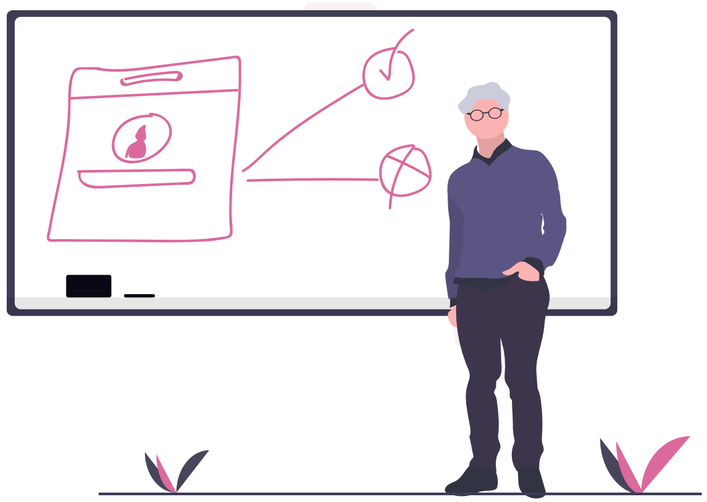
#2

A non-technical solution

Which approach?

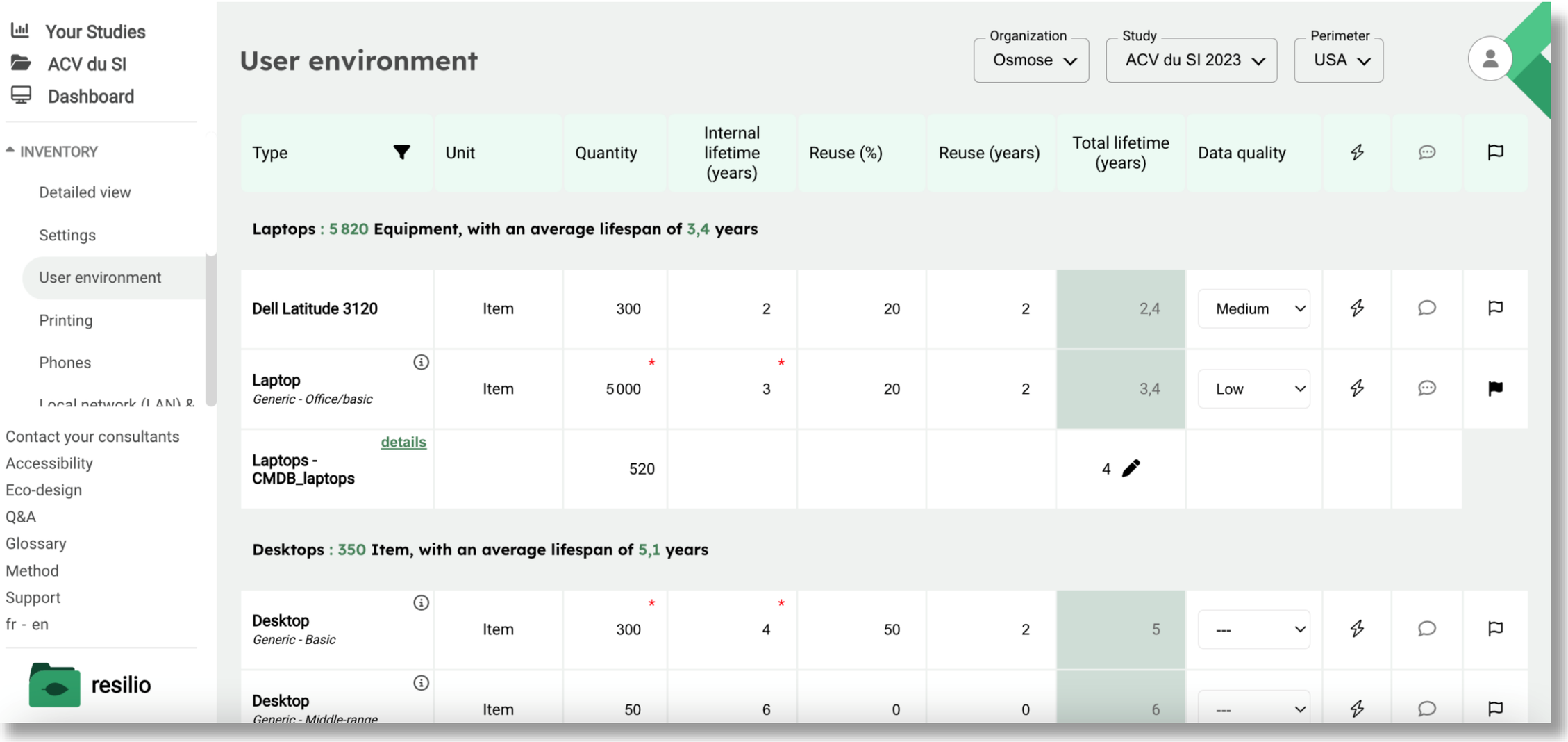
Experiment

Teach



➔ Neuroscience *teach* us: we have **2 brain paths**.
Think about your chemistry courses!

How does it look like?



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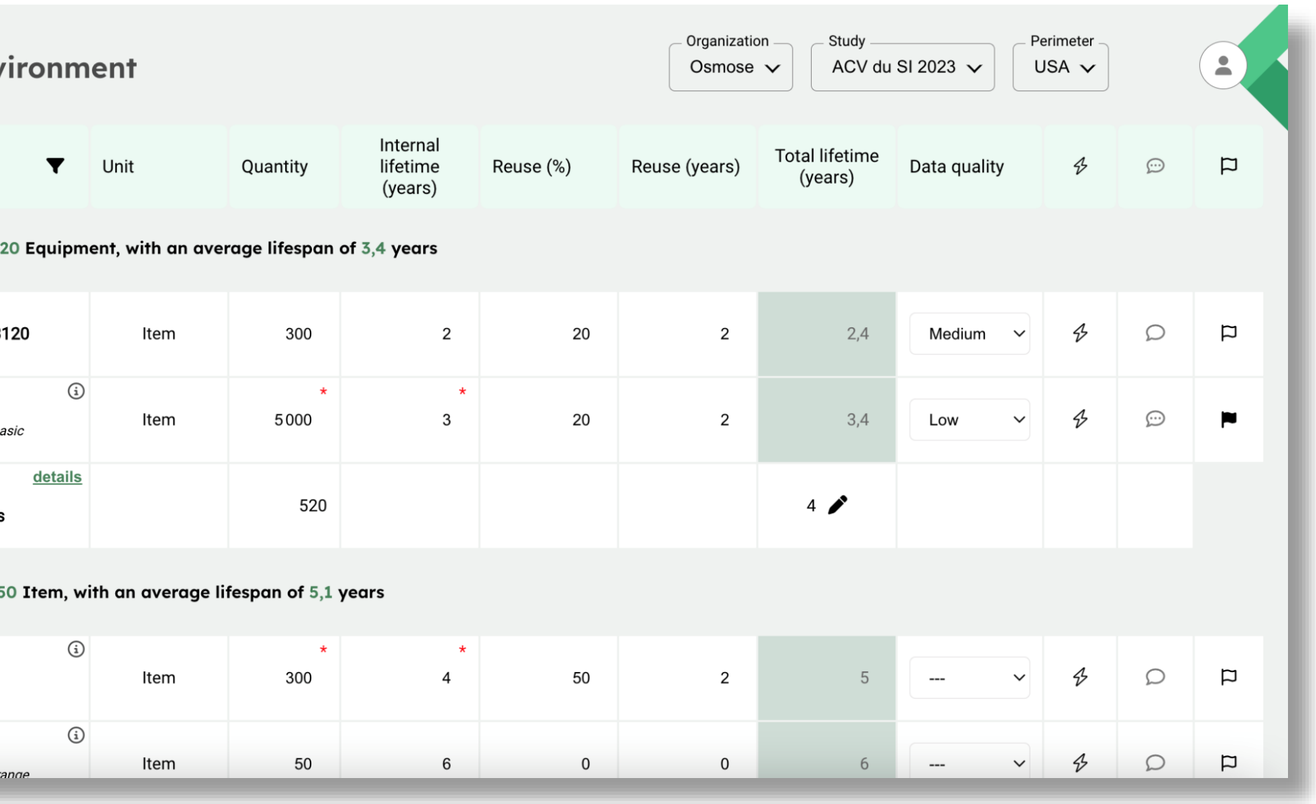

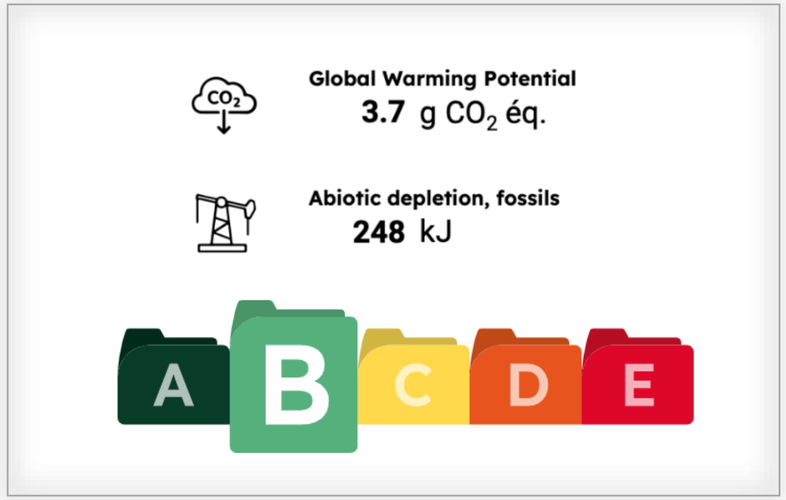

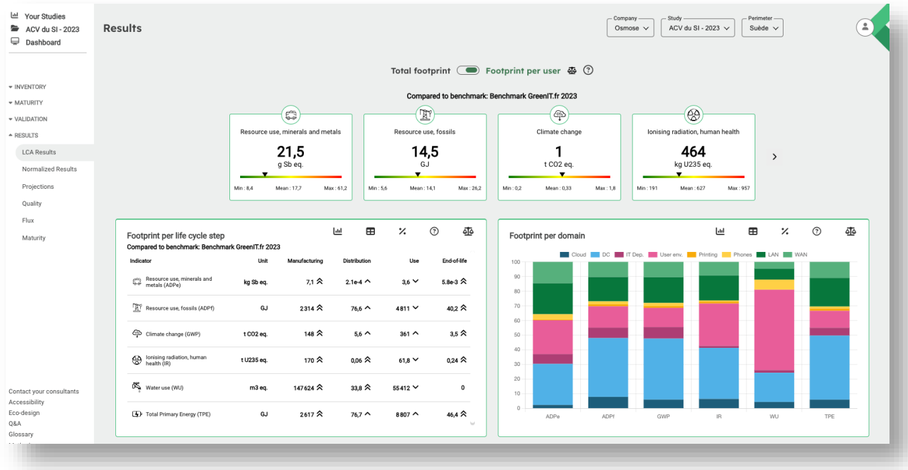

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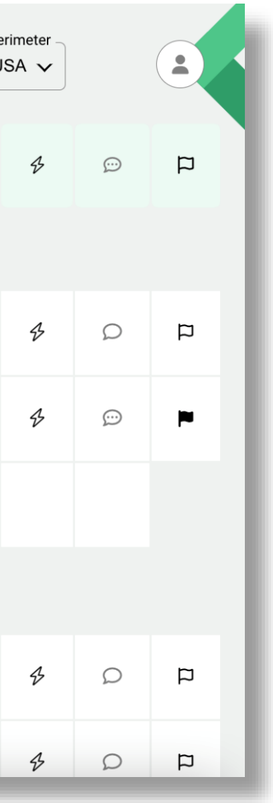
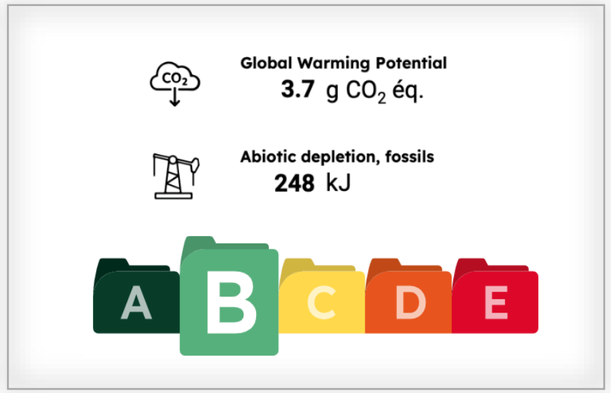
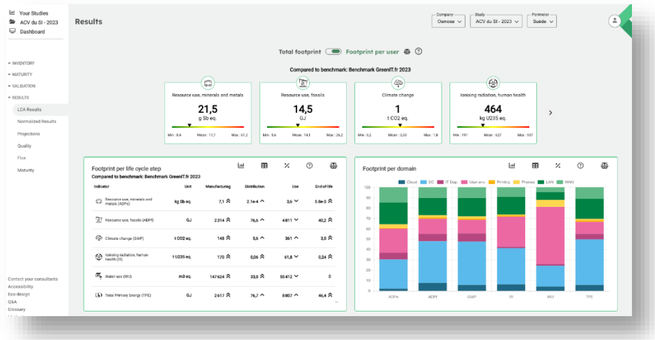
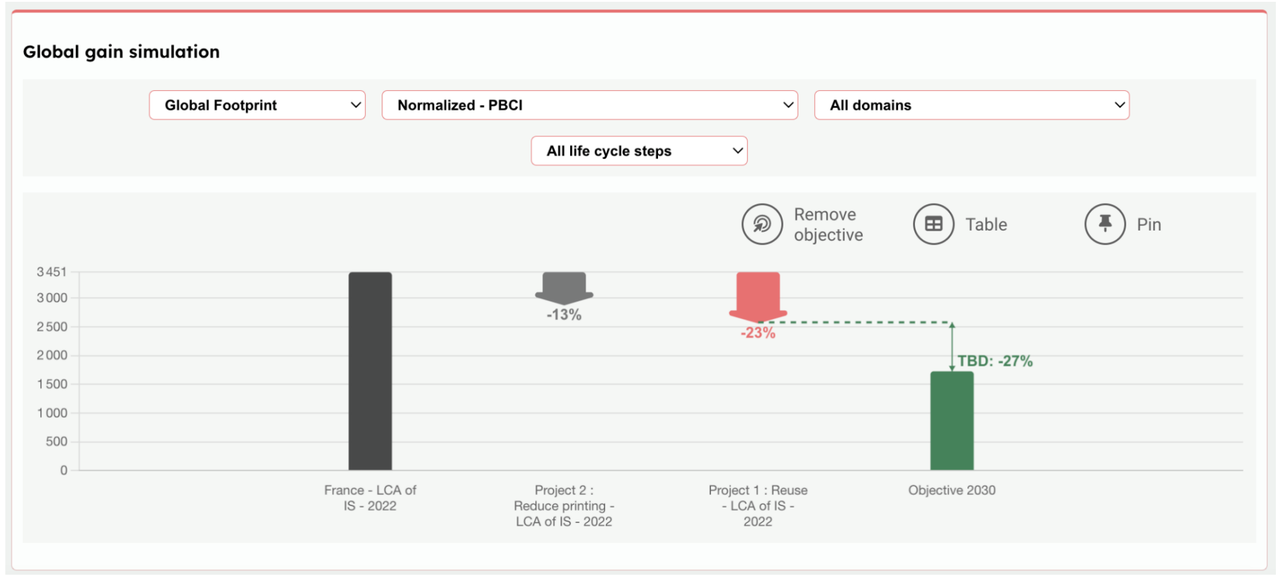
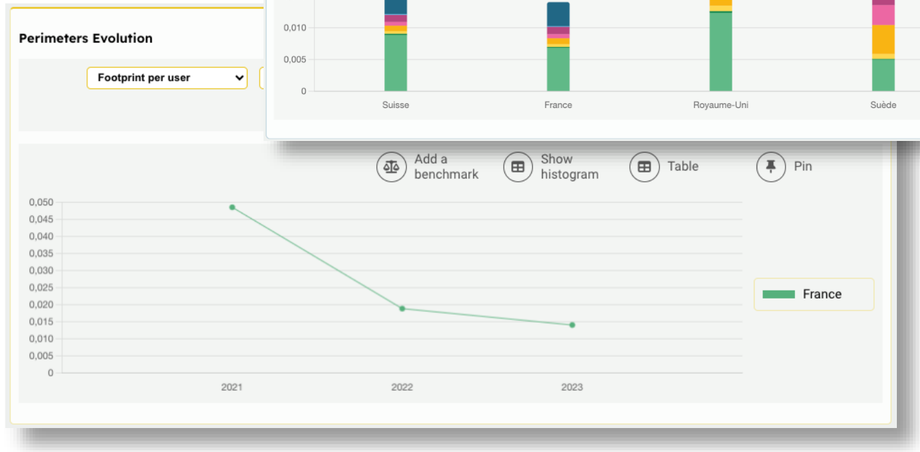










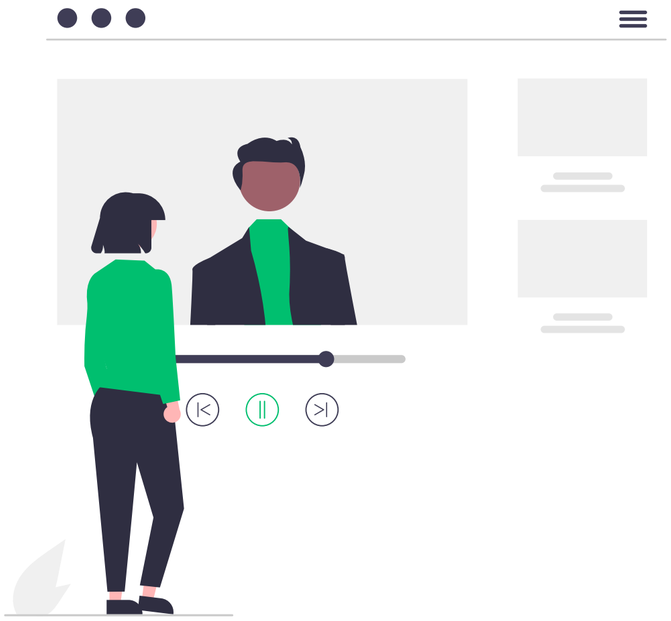
Let’s play like with LEGO!

Being able to experiment

- Any PO/PM/Architect is able to perform a **simplified** LCA assessment of its **own** product…
- …Using "**building blocks**" s.he manages.

- A PO will call on CPU hours, Gb stores, etc...
- An infra team would rather play with electricity, servers & cooling.

A supervised experimentation



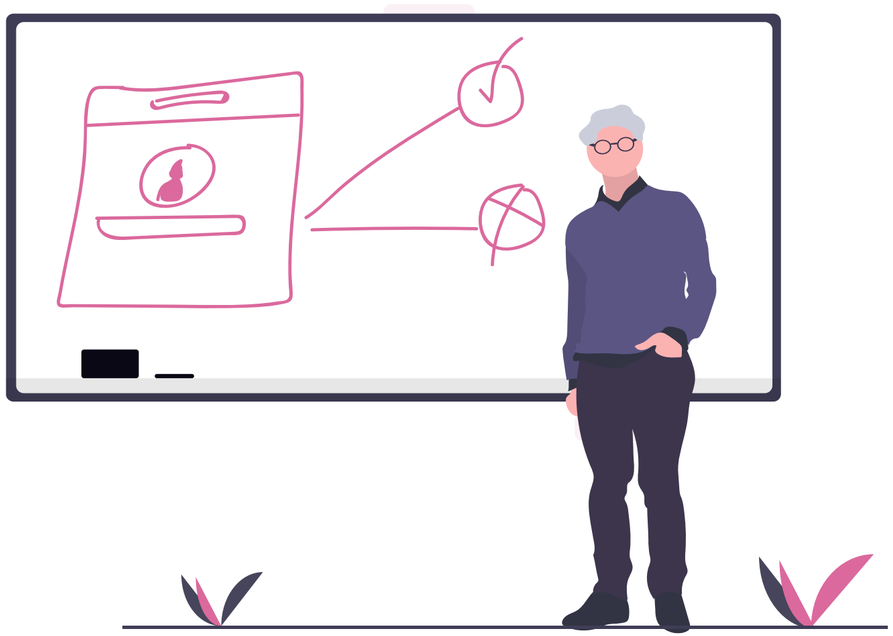
A supervised experimentation process

- User (PO/PM/Architect…) is invited to join a movement, a **community**
- Existing **stakeholders**, incl. consultants, are onboarded,
- Encouraging to **fit in reality** (projects, refactor, …) & **foster intuition**/experience.

- A global Sustainable IT network
- Guidance & internal website
- Engaging IT consultancies to provide trained consultants & support the project
- Free access to simulations & tests.

What did you prefer, back in the days?

Teaching team



Experimentation team

A human solution to a human problem

Design a scalable human system

- **Ability**: Scope of **responsibility** & **simplification**
- **Experimentation**: opposed to formal teaching, to increase adoption
- **Supervision**: Consistency, guidance & sense of belonging.

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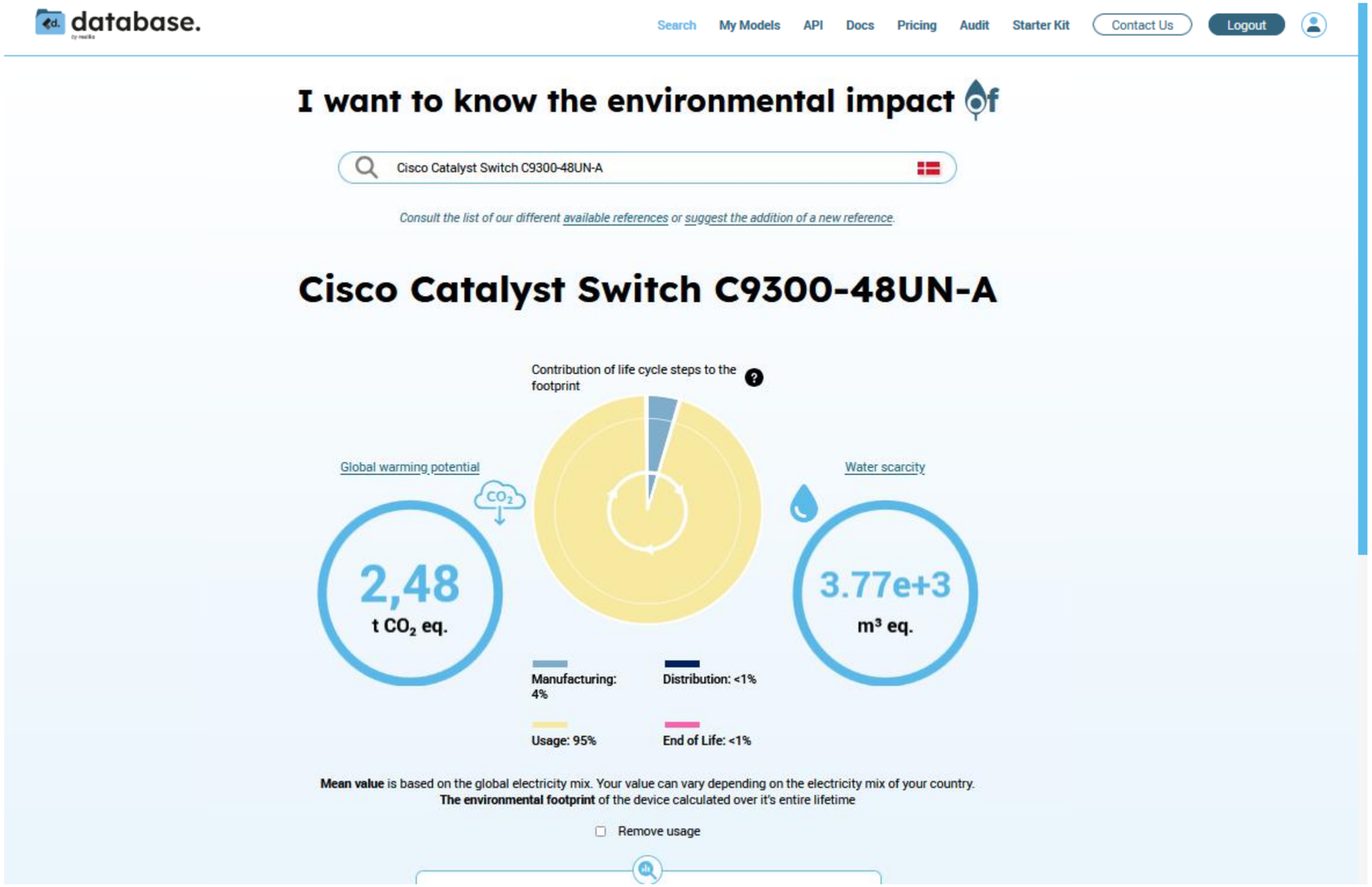
Who cares?

Sustainability is a reason to **care**. And this is very **strong**.

#3

A technical solution
LCA datasets

The **largest** & **most accurate** IT footprint DB



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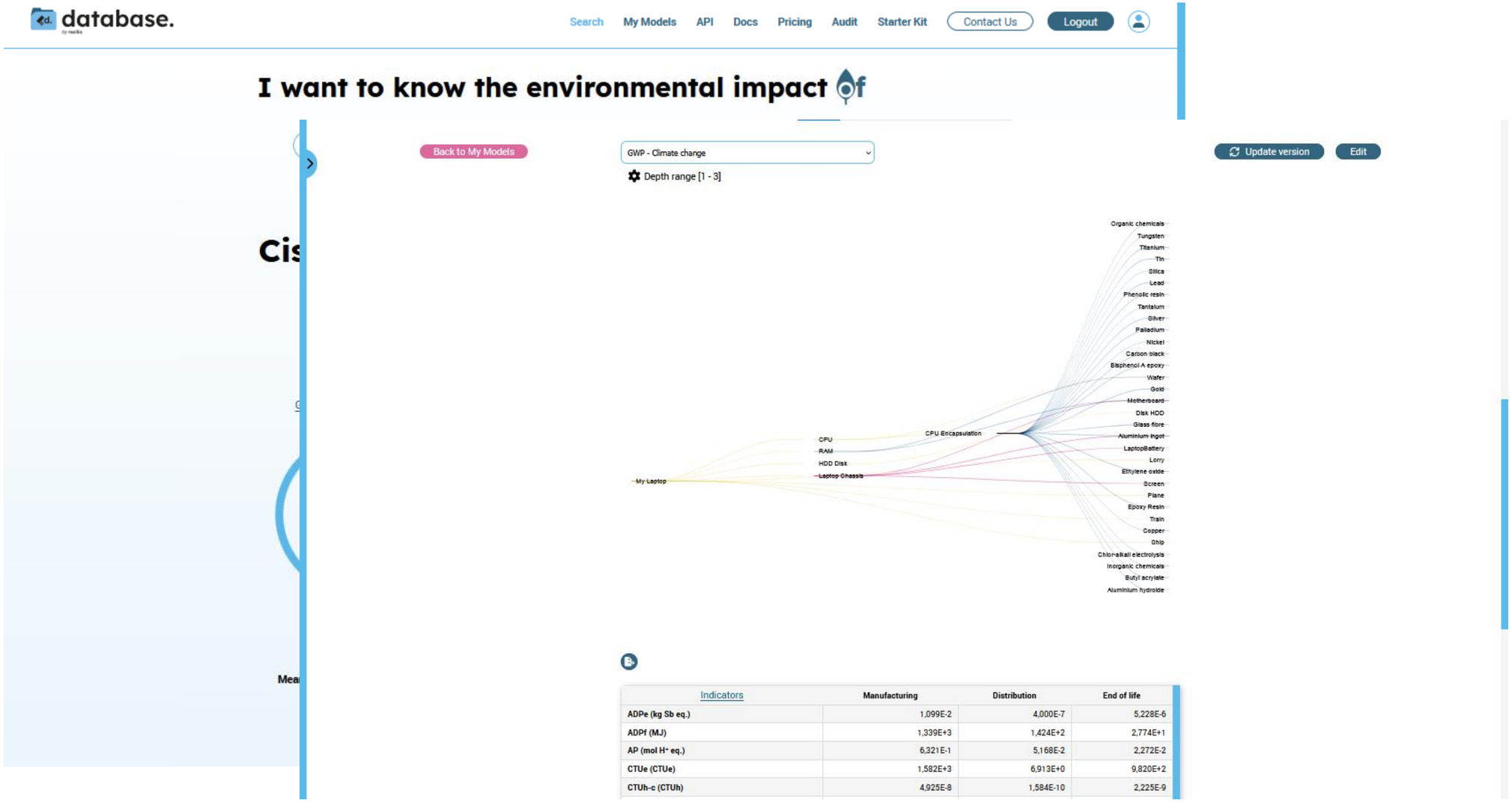

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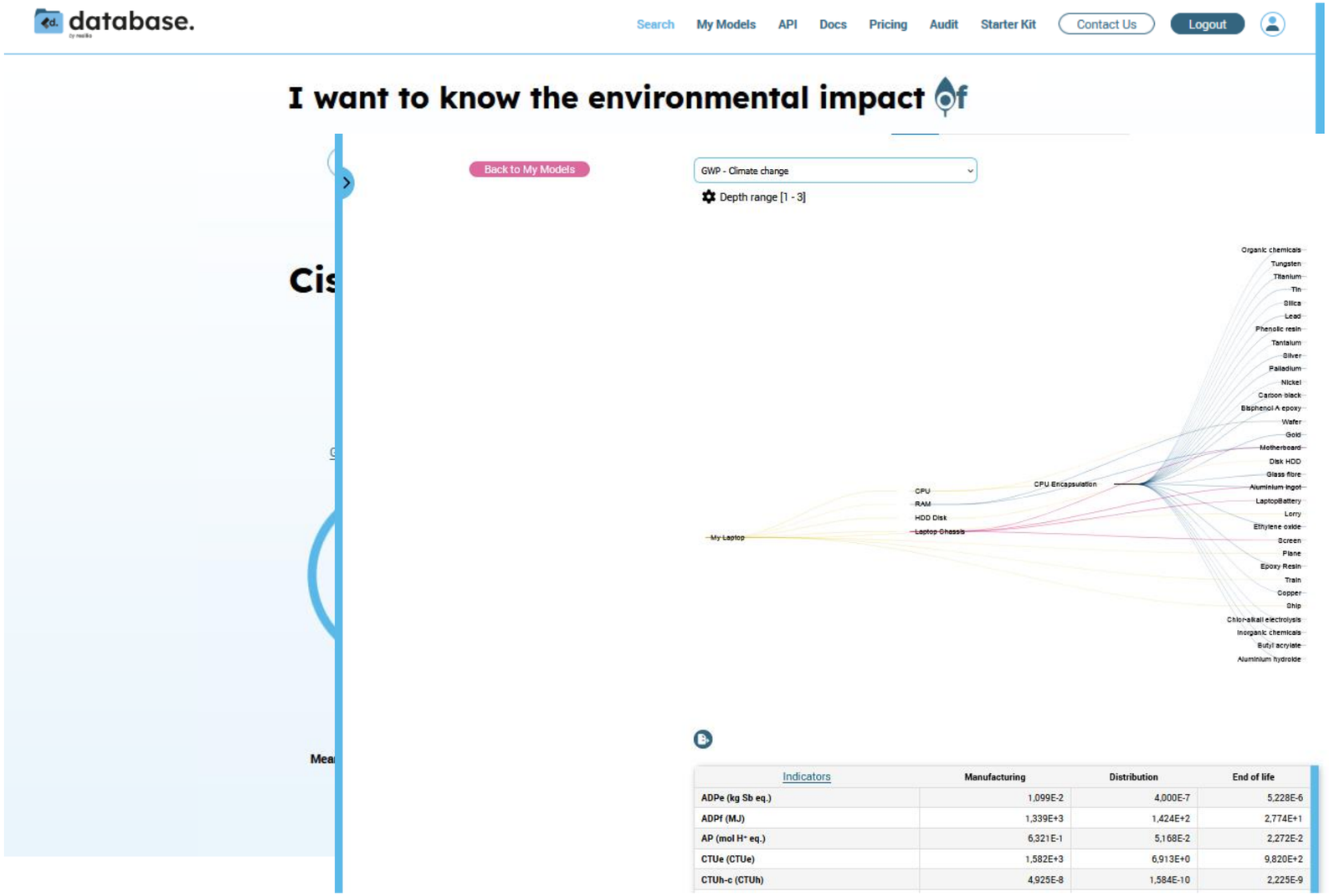


db.resilio.tech

Academia &
(public) research
get **free** **access**

Independent LCA data
build with:

ecoinvent

Electricity Maps

Sponsor gift: Data for ecoCompute community

resilio

is proud to support

the ecoCompute community

db.resilio.tech

Code: ECOCOMPUTE2025

3 months for free

#4

A technical solution

Software

Embark your stakeholder

tech. by resilio

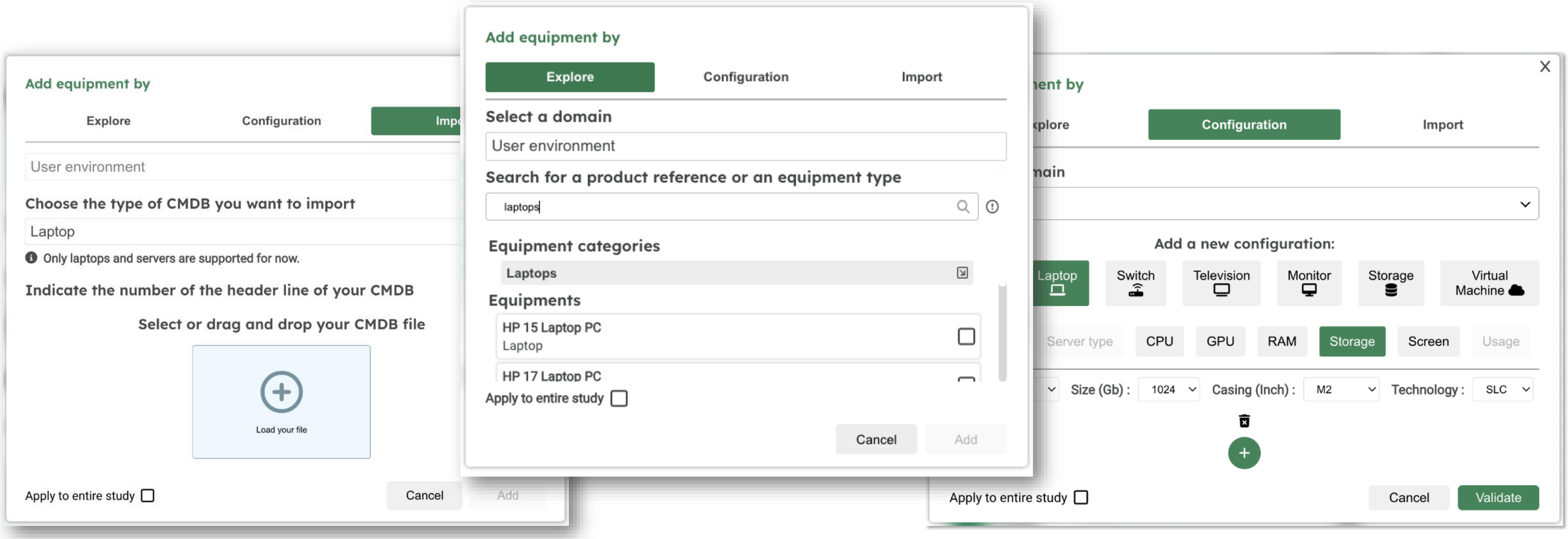
Basic user | Advanced user | Coordinator / expert | Consultant

Guidance & simple UX

Abilities & rights

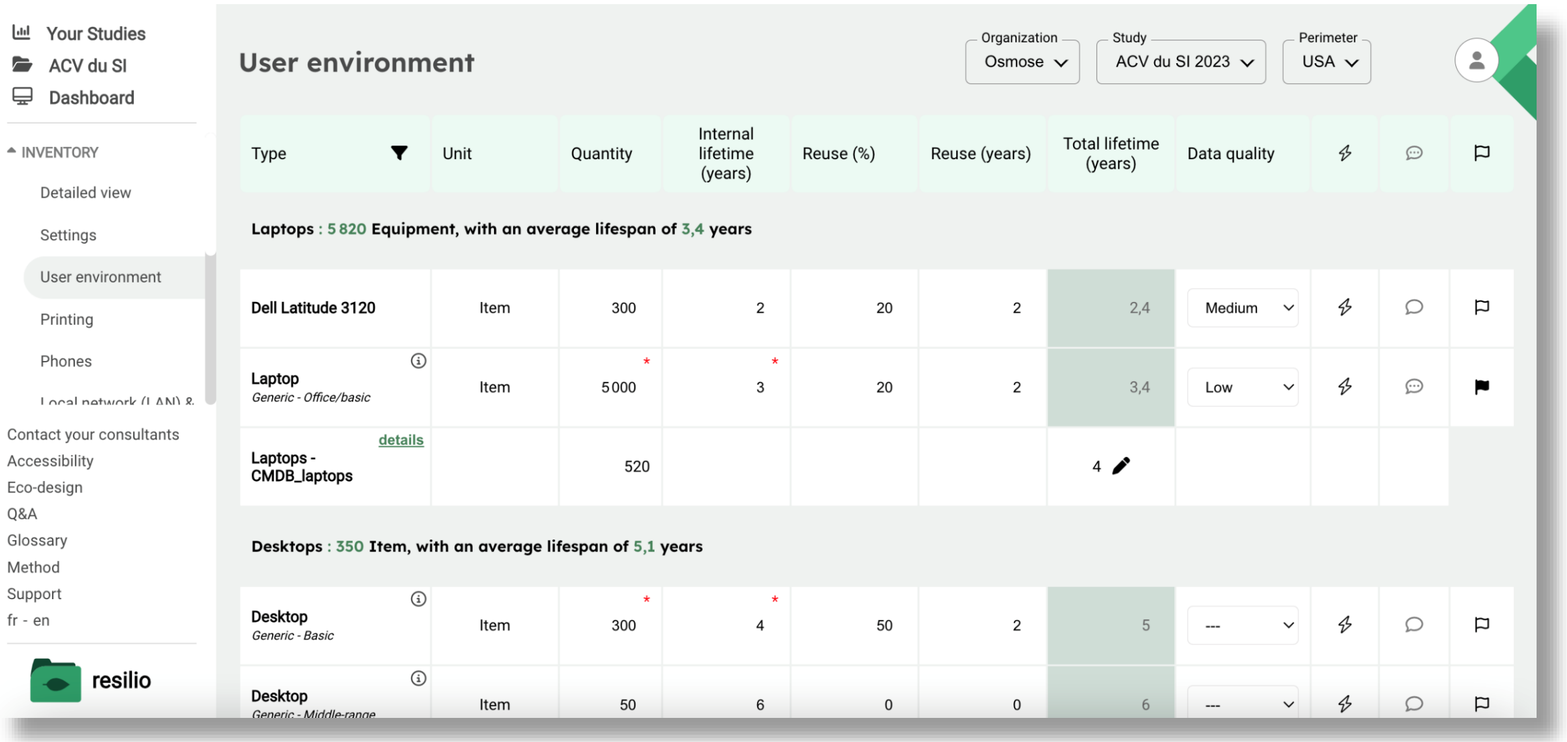
Capitalize, consolidate & put in common

> *PO can browse the building blocks - storage, VMs… - created by the infra team!*
> Hiding complexity, caring about updates, …



Guide & coordinate

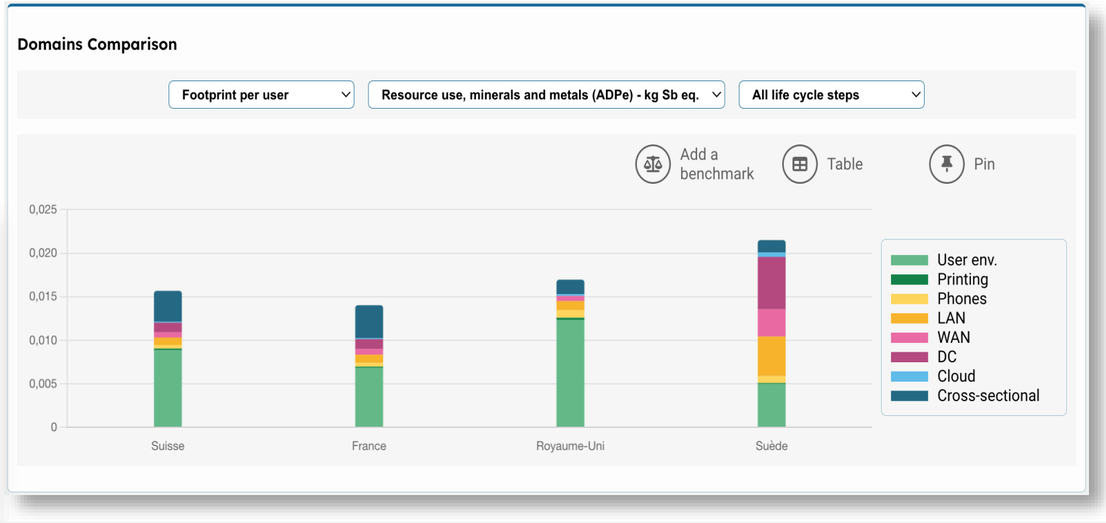
Ready to use template + full internal catalogue

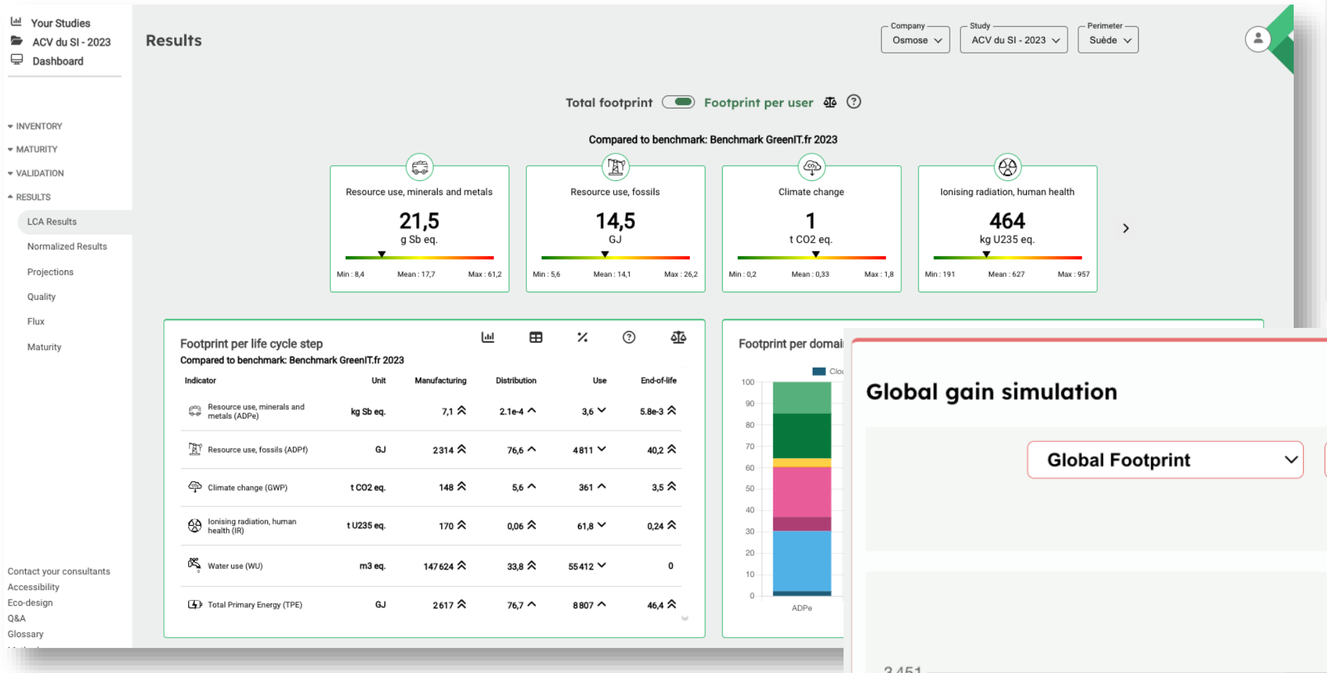


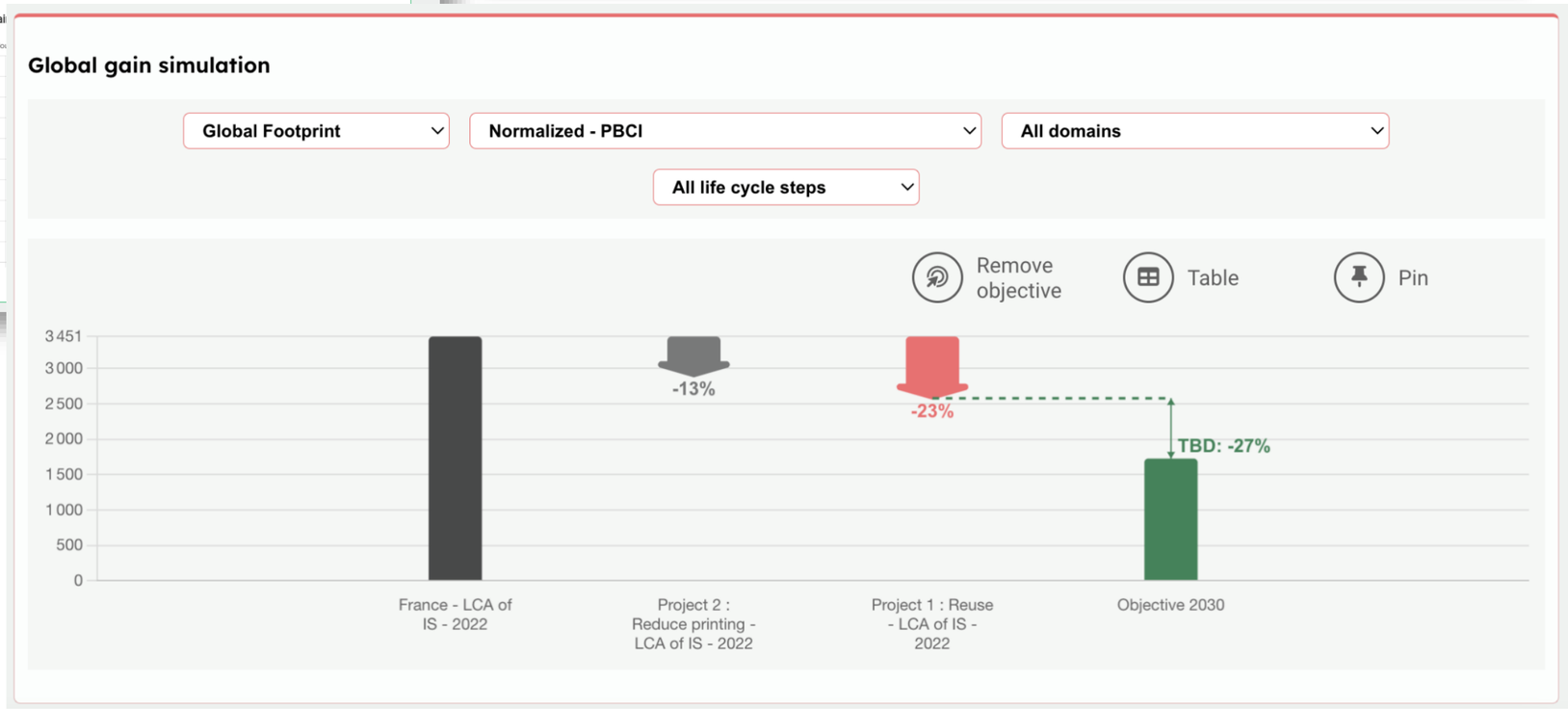
Intranet website

- Contacts
- Trainings
- Slides & video
- Uses-cases
- Examples
- Internal guidance
- Quotation from external suppliers…

Enable experiment







Scaling - Why should we care?

*Legend from the original NYT comic has been modified.