Quipment
The underlying force

How to make sustainable choices in equipment solutions for your trials?

Our support goes beyond the deployment of equipment solutions. We have developed a tool, the **Q Carbon Compass**, enabling to compare different sourcing strategies to make the most sustainable choices.

Q Carbon Compass

Market reality

5 %
Healthcare sector's contribution of global GHG emissions

100 Mt CO_2e
Emissions per year produced by clinical trials, the equivalent of the Belgium carbon footprint

15 %
Of the clinical trial's total carbon footprint comes from equipment and consumables

Our initiatives

- By placing circular and linear models into perspective, we aim to foster a deeper understanding of how each approach influences the overall impact of your clinical trials.
- You will be enabled to assess the financial and environmental criteria associated with each sourcing strategy and make your choice.
- This initiative marks the start of a broader sustainability strategy, with upcoming releases like the customer annual sustainability report in 2026 and joining the SHC community to support industry-wide change.

CLINICAL TRIALS
COMMUNITY OF PRACTICE

Working together to go further

We are proud to announce that we are part of the Clinical Trials Community of Practice to contribute to industry initiatives intended to accelerate decarbonization.

Our sustainability experts aim to claim an active role and share our progress with their peers, all united by a shared vision: making clinical trials more sustainable.

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Working principle

So how **Q Carbon Compass** works in practice? The carbon footprint of your equipment solutions is directly integrated into your quotes.

1. Share your project details with us
2. Our proposal team designs a quote meeting your requirements
3. Our algorithm processes the carbon data related to different models
4. You can make your choice based on price, lead time and carbon footprint

Here is a **real-life small-scale clinical trial scenario** - 18 months, 3 countries, 30 investigator sites - comparing the financial and environmental criteria of each sourcing strategy:

	SALE Linear model	SALE + BUY-BACK Circular model	RENTAL Circular model
Total Cost:			
	Baseline USD	**- 15 %** compared to linear model	**- 21 %** compared to linear model
Total Carbon Footprint*:			
	Baseline $kgCO_2e$	**- 22 %** compared to linear model	**- 68 %** compared to linear model

- The Rental model offers the most competitive solution when assessed on both criteria: **cost and GHG emissions.**
- When the linear model is still your preferred option, we have additional solutions to drastically reduce your carbon footprint : **sale of reprocessed equipment** or **buy-back and stock management, or both!**

*The algorithm for carbon footprint calculations for each business model are based on trusted data sources to ensure accuracy and reliability: all emission factors are based on ADEME's Base Empreinte, while transport distances between Quipment Technical Service Centers and site countries are estimated using the EcoTransIT World calculator.

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