

Common Data Framework Case Study | Carrefour

June 2025

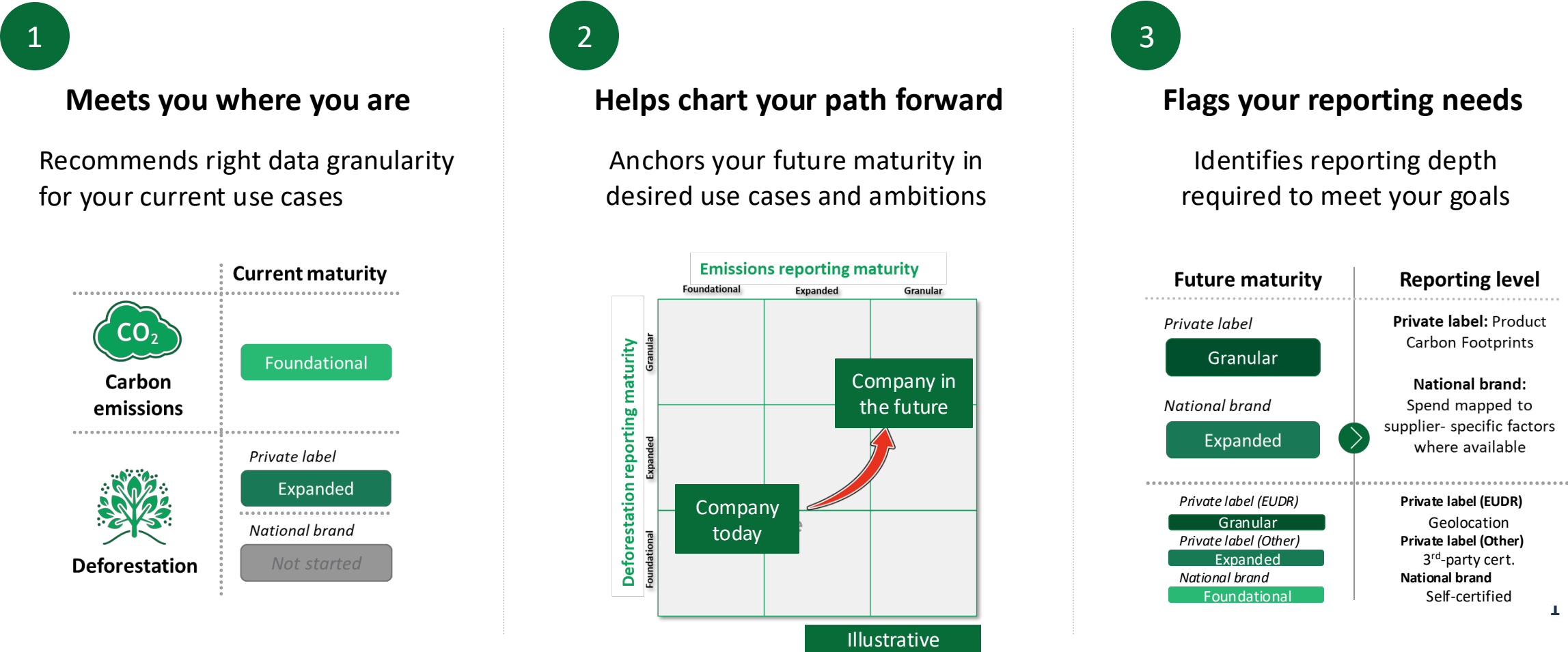


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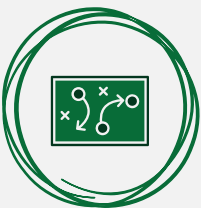
The CDF identifies reporting requirements to support your goals

The Common Data Framework serves as a bridge from current capabilities to future impact:



How they started | operate at two speeds across emissions and DCF

Why they started





Evolving strategic implications
Differentiate from competitors through a clearly communicable sustainable offer



Dynamic asks from the public
Monitor and stay ahead of emerging trends to drive future turnover

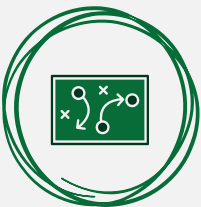
Common Data Framework alignment

	Use cases	Reporting level	Maturity
 Carbon emissions	Establish emissions baseline to support internal strategic goals	Estimates using internal spend + category-average factors ¹	<i>Select geos/suppliers</i> Granular
		Supplier-provided PCFs	<i>Remaining suppliers</i> Foundational
 Deforestation	Differentiate from competitors and offer product transparency to final consumers	Manual collection on internal tool (by country)	<i>Select geos/suppliers</i> Granular
		Dedicated geo-spatial traceability tools	<i>Remaining suppliers</i> Foundational

Note: 1. Scope 3 emission factors from Agribalyse and GHG Protocol.

What's next | key initiatives underway to close the two-speed gap

Why their strategy is evolving





Evolving strategic implications
Optimize decision-making progress through precision insights from the entire value chain






Regulatory requirements
Standardize traceability tools and data collection processes to comply with EUDR regulation

Common Data Framework alignment

	Use cases	Required reporting level	Target maturity
 Carbon emissions	Strengthen internal insights to better prioritize action and fast-track data collection across all suppliers	3rd party verified PCFs provided by the entire supplier base	Granular
 Deforestation	Accelerate EUDR compliance across all high-risk commodity suppliers	Geo-spatial data collected for all high-risk commodities (validated through external audits)	Granular

Deep-dive | Three initiatives supporting Carrefour's push to granular emission data collection

Key initiative:	Internal Data Integration Project	Supplier Portfolio Emissions Tool	Retail Coalition Platform (LESS)
What it is:	Grow internal data analysis capabilities to integrate emissions data globally	1:1 initiative with Carrefour's top 50 suppliers to help build product-level emissions calculation capacity	Joint initiative across French retailers to develop a shared platform to collect supplier PCF data
Goals:	<ul style="list-style-type: none"> • Protect data & confidentiality • Centralize to simplify processes • Enable real-time access 	<ul style="list-style-type: none"> • Ensure supply chain PCF-readiness • Align Sustainability and Procurement • Strengthen relation with top suppliers 	<ul style="list-style-type: none"> • Support adoption of PCF data • Reduce supplier reporting burden • Maximize influence via joint effort
Strategic partner:	Managed in-house	To be determined	Open Climat
	✓	✓	✓
Compounded benefits with CDF:	 <i>Expand internal resources to support data collection & reporting processes</i>	 <i>Offer support to largest suppliers to ease reporting burden</i>	 <i>De-duplicate supplier efforts in the French ecosystem and unify reporting standard</i>

Thank you

