



Utilising AI for Sustainable Manufacturing

How Digital Technology can aid the Sustainability Transition 05/12/2024 Ver: 1.0

Riskoa Ltd https://riskoa.com/

Introductions



Roger Singleton Co-founder and CEO

Global Expert in ESG, GHG Emissions, and Sustainability Innovation for Industry



Riskoa

Applying technology via advanced SaaS solutions to solve challenges in sustainability



Riscon

Driving impactful change management solutions in technical environments



RISKOA

EmVide

Meet our *Flagship Offering*. AI powered Lifecycle Assessments (LCAs) to your inbox in minutes

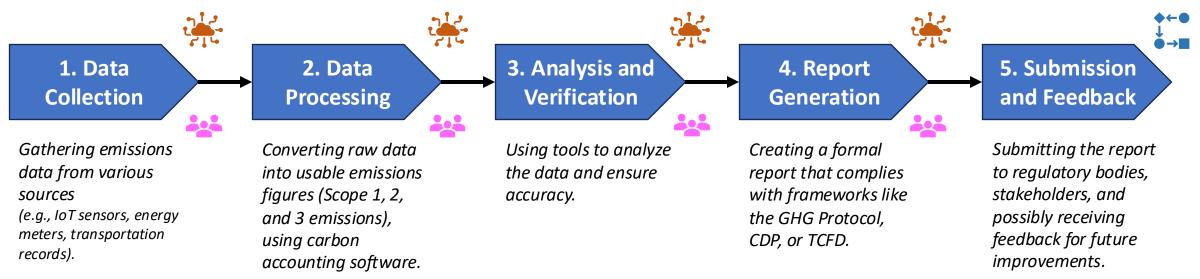


Simplifying sustainability reporting for businesses

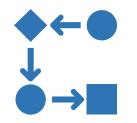
Let's re-check where technology fits in...

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Let's look at the Value Stream associated with something like "Corporate Emissions Reporting":



If we look at the capabilities needed for this, we need the following:



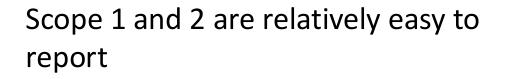
A workflow or process (See above)



People to undertake the work

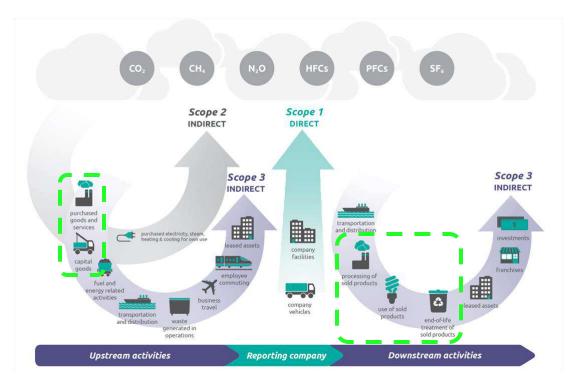


Technology tools to assist or accelerate



Scope 3 emissions remains a major challenge, BUT... specific parts are more difficult than others, these are the aspects **related to products and services....**

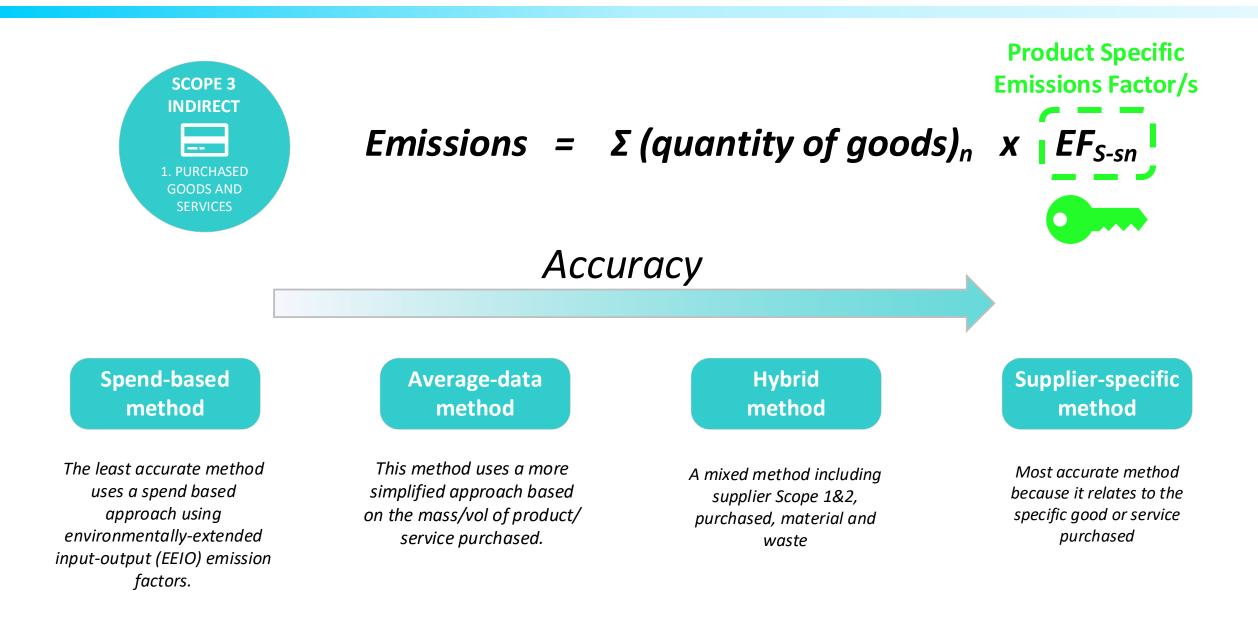
Product/Service based emissions reporting is **particularly difficult** for industrial sectors *Due to complex processes, extensive supply chains and product lifecycle*



SISK



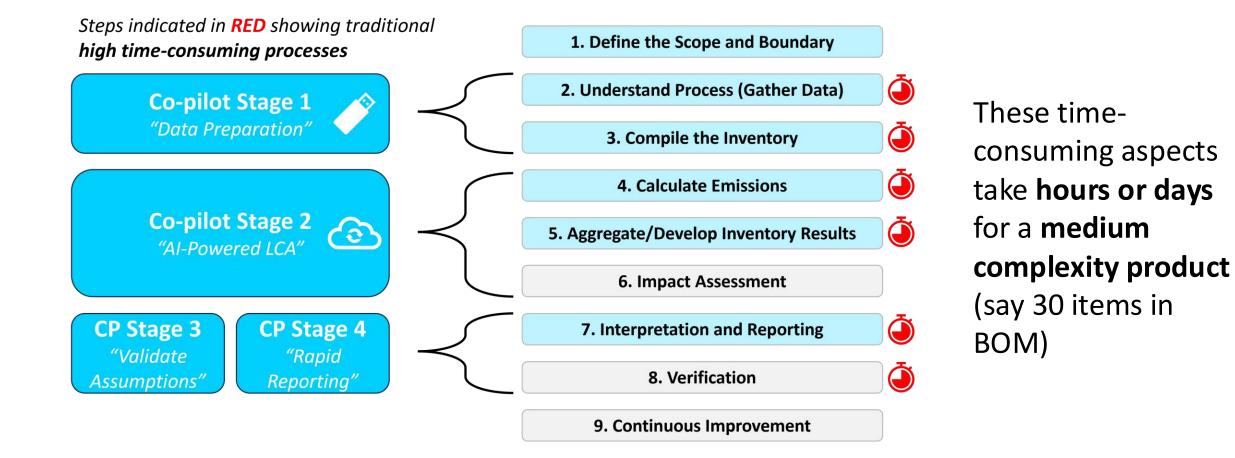
How are Product Emissions Measured



RISKea

Where is time taken in performing an LCA?





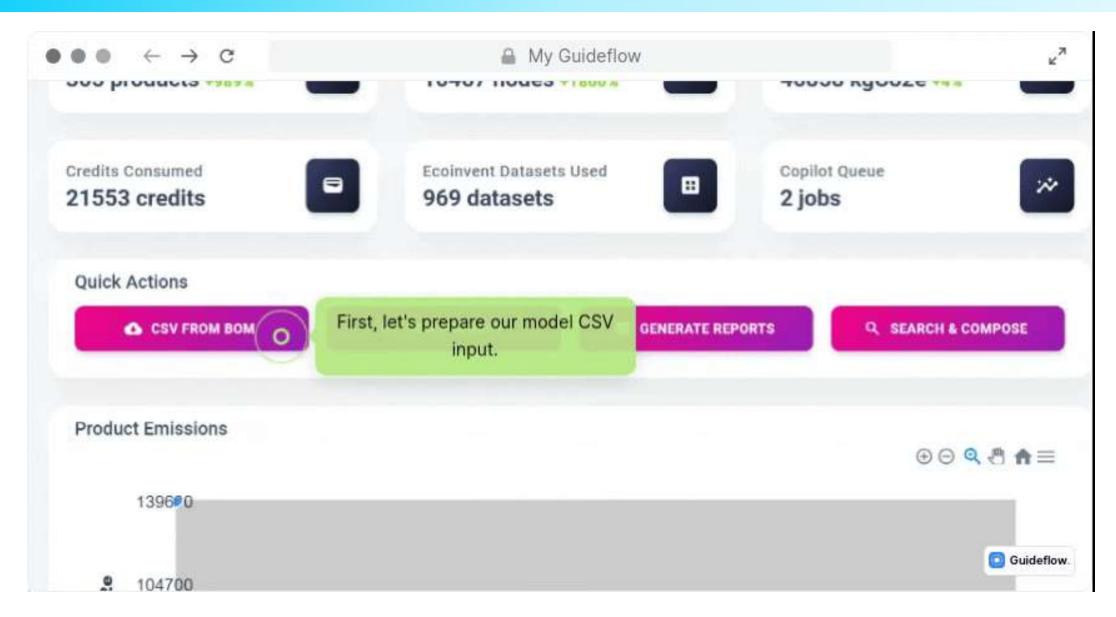
The Challenge in Context...

"For a manufacturer with 1000 products, traditional LCA methods would take 27 years for one person to produce this entire portfolio, or 3 years using 10 resources. With EmVide, each LCA is done in minutes, allowing you more time to optimise cost and impact reduction!"



EmVide in Action. Fast Forward LCA...







We are now working in **partnership** with **software solution providers in the manufacturing sector** to help scale portfolios



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We can now generate LCA data against inventory and production routing data in a data roundtrip from a manufacturing production system. **Combining AI and Technology Integration to solve the Scope 3 problem**

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A	Home	← Back Full Bike Assembled - Builder
	Inventory	Average: £0.0000 Current £0.0000 Standard £0.0000 Selling: £0.00
	Stock	BOM Routing LCA Report
	Locations	LCA Report No un_1725460748409
	Stock Count	
	Suppliers	FULL NAME
	Purchase Orders	
	Dispatch	EMAIL
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For more information, please contact:

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Thank you for your time!!!

Riskoa Ltd

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