ESG and sustainability reporting

Transport Chain Emissions: ISO 14083:2023

A half day to calculate the emissions of a shipment, from the factory dock to the customer's warehouse, under ISO 14083:2023. Transport chain elements, emission intensities, data to require from carriers and freight forwarders: the method is applied to one of your export flows, by road, sea or multimodal. You can then answer a customer who asks for the emissions of a service and review those a provider announces to you.

Duration : 0.5 day

Objectives

1. Explain the scope of ISO 14083:2023: vehicle and hub operations in transport chains
2. Break a transport chain down into elements and link each to a category of operations
3. Choose the suitable intensity source: measured data, model, default value or value supplied by the operator
4. Identify the data to require from carriers and freight forwarders in your tenders
5. Link the result to scope 3 categories 4 and 9 and to the requests of European customers

Programme

Half day

• ISO 14083:2023: who it is for, what it covers, basic vocabulary (chain element, category of operations, emission intensity, well-to-wheel)

• The calculation steps: trace the chain, establish intensities, calculate activity in tonne-kilometres, allocate when freight shares a vehicle

• What your customers expect, and what Regulation (EU) 2026/1030 provides, applicable from December 2030

• Exercise: emissions of an export shipment from your site to the European customer, and list of data to ask your providers for

• Knowledge test

Teaching methods

• Guided calculation on a real flow of your company: truck to the port, crossing, final delivery

• Critical reading of an emissions statement supplied by a carrier

• Checklist of data to build into your transport specifications

• Spreadsheet exercises, with no paid software

• Short final test

Assessment and documents

Knowledge test at the end of the session and follow-up evaluation at D+1. Numbered training certificate, verifiable online, for each participant; training report handed to the company with the calculation carried out on its flow.

Bilingual materials for every participant; each classroom course comes with its digital twin on OmniLearn.

Good to know

This half day goes deeper into transport; purchases, waste and product use are covered in "Scope 3: The 15 Categories and Supplier Data". The two courses can be held on the same day.

Practical information

Duration	0.5 day
Audience	Logistics and transport managers, CSR, freight forwarders and agents, exporters
Prerequisites	Notions of the GHG inventory (scopes 1, 2 and 3)
Group size	Groups of 6 to 12 participants, in-company
Format	In-company, face to face on your site
Language	French, Darija or English; bilingual materials
Funding	OFPPT special training contracts (TFP), GIAC, Maroc PME: we prepare the applications with you, at no extra cost.
Programme customisation	Programme adapted to your procedures, your equipment and your audience

Frequently asked questions

Is ISO 14083 mandatory?

No, it is a voluntary standard. It does, however, become the common method of Regulation (EU) 2026/1030, which will apply from December 2030 to transport services touching the Union whose emissions are calculated and communicated. The regulation obliges no one to calculate, but frames those who do.

We subcontract all our transport: are we concerned?

Yes: the emissions of the transport you buy fall within your scope 3. The course shows how to obtain and check your providers' intensities, and what to do when they supply none.

Upstream or downstream transport: where should it be classified?

The classification depends on who pays for the service, according to your terms of sale. We work through it on your actual Incoterms, to avoid double counting and omissions.