ESG and sustainability reporting

Circular Economy: ISO 59004, ISO 59010 and ISO 59020

One day to move from the principles of the circular economy to indicators your customers can read. ISO 59004 sets out the vocabulary and principles, ISO 59010 guides the transformation of the business model and value network, ISO 59020 frames the measurement of circularity performance. The exercises work on your flows of materials, packaging and waste, up to a first measurement table.

Duration : 1 day

Objectives

1. Explain the principles and vocabulary of the circular economy under ISO 59004:2024
2. Analyse your business model and value network using the approach of ISO 59010:2024
3. Apply the measurement process of ISO 59020:2024: boundaries, indicators, data collection, interpretation
4. Link circularity to your customers' requests: European reporting, packaging, recycled content
5. Build a circularity roadmap with actions and indicators tracked by mass

Programme

Day 1 — morning

• Linear and circular economy: stakes for an exporting industrial company

• The ISO 59000 family: role of each standard, what is a requirement and what is a recommendation

• ISO 59004:2024: principles, terminology, action framework and examples of circular practices

• ISO 59010:2024: analysing the business model and value network, choosing and prioritising transformations

Day 1 — afternoon (workshop)

• ISO 59020:2024: system boundaries, mandatory and optional indicators, data, interpreting results

• Inflows, outgoing products, waste, internal loops: where to find the data in the plant

• Links with the PPWR for exported packaging, customers' VSME and ESRS reporting and Law 28-00 on waste

• Workshop: simplified material balance of your site, first indicators and three priority actions

• Knowledge test

Teaching methods

• Exercises on your own flows: material purchases, packaging received and shipped, waste registers

• Case of a plastics converter and a canning plant

• Sub-group work bringing together purchasing, production and logistics

• Mid-day quiz and final test

• Presentation of the roadmap to management, if desired

Assessment and documents

Mid-day quiz, knowledge test at the end of the session, follow-up evaluation at D+1. Numbered training certificate, verifiable online, for each participant; training report, material balance and roadmap handed to the company.

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

Good to know

Exported packaging is covered in detail in "Circular Economy and Packaging Recyclability (PPWR)". The three ISO 59000 standards are under revision: the course follows the 2024 editions in force.

Practical information

Duration	1 day
Audience	Management, CSR, R&D, purchasing, production, packaging and waste managers
Prerequisites	No prerequisites
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

Can a company be certified to ISO 59004?

No. ISO 59004 and ISO 59010 give recommendations; only ISO 59020 contains requirements, and they concern the measurement of circularity performance, not a management system.

How does this course differ from the PPWR one?

The PPWR sets legal obligations on packaging placed on the European market. This day covers the circular economy approach of the whole company: materials, products, waste, business model and measurement.

What data should we bring?

A year of purchases of materials and packaging, by mass, the quantities sold and your waste registers with their destinations. Incomplete data is enough for the exercise; the course shows how to fill the gaps.