



PURCHASING, LOGISTICS AND SUPPLY CHAIN

Circular Economy: Reverse Logistics and Sustainable Supply Chains

3 day course

Classroom, online or in-house

Course overview

Regulation, packaging waste and raw material cost are pushing supply chains toward closed loops, and the part that defeats most attempts is not the idea but the reverse flow, which is expensive, unpredictable in volume and arrives in unknown condition. This course concentrates there. Delegates work through circular strategies from reuse and repair through remanufacture to recycling, and which suits a given product. Product design for disassembly and recovery is covered, since most circularity is decided at design. Reverse logistics network design follows: collection, sorting, grading and the economics of each. Extended producer responsibility obligations are addressed, including the schemes now operating regionally. Materials markets and the value actually recoverable are covered honestly. The course closes on measurement and on claims that cannot be substantiated.

What you will learn

- Select reuse, repair, remanufacture or recycling for a given product
- Design products for disassembly and material recovery
- Design a reverse logistics network for collection and sorting
- Model the economics of grading and processing returned goods
- Meet extended producer responsibility obligations
- Assess what value is genuinely recoverable in materials markets
- Measure circularity and avoid claims that cannot be substantiated

Who should attend

- Sustainability and environmental compliance managers
- Reverse logistics and returns managers
- Supply chain and packaging engineers
- Procurement managers evaluating sustainable suppliers
- Operations managers exploring circular business models

Course outline

- 01 The reverse flow is what defeats it
- 02 Reuse, repair, remanufacture and recycle
- 03 Choosing a strategy per product
- 04 Design for disassembly and recovery
- 05 Collection and sorting networks
- 06 Grading and processing economics
- 07 Extended producer responsibility
- 08 Materials markets, measurement and substantiated claims

Upcoming dates

Dates	Venue	Format	Fee per delegate
21 to 23 September 2026	Accra, Ghana	Classroom	USD 995
8 to 10 February 2027	Maputo, Mozambique	Classroom	USD 995
8 to 10 March 2027	Online	Online	R6,500



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afiscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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