

Carbon Footprint Management in Beverage Manufacturing

SCOPE 1 & 2 FOCUS (STRATEGY COURSE 1 Of 2)

Scope 3 will not be covered in detail in this course. However, it is required in some detail to allow for Net Zero discussions.

This two-hour virtual training session will include but is not limited to the following:

- Scope classification, understanding and measuring direct and indirect emissions sources
- Developing a comprehensive carbon footprint inventory
- Methods for collecting and analysing data on carbon emissions
- Market-based vs location-based Scope 2 reporting
- Estimating emissions where data is missing
- Setting emission reduction targets in beverage manufacturing

Decarbonisation and Net Zero Strategy for Beverage Manufacturers

(Strategy Course 2 of 2)

This two-hour virtual training session will include but is not limited to the following:

- Understanding water use – creating a baseline
- Water auditing and establishing a water balance
- Water conservation opportunities and case studies for beverage manufacturers e.g., pigging, clean-in-place, other cleaning, efficient boilers, cooling towers
- Extended responsibility – Water Stewardship

Energy Management and Efficiency for Beverage Manufacturers

This two-hour virtual training session will include but is not limited to the following:

- Understanding energy use – creating a baseline, understanding your bill
- What is peak demand and how can it be managed
- Renewable energy options and examples including onsite solar PV (photovoltaic) and power purchase agreements, amongst others
- Energy efficiency opportunities and case studies e.g. pumps, motors, fans, heat recovery, heat pumps, boilers, air compressors
- Benefits of energy auditing, sub-metering, and real time monitoring
- Other ways to reduce energy consumption

Water Management and Efficiency for Beverage Manufacturers

This two-hour virtual training session will include but is not limited to the following:

- Understanding water use – creating a baseline
- Water auditing and establishing a water balance
- Water conservation opportunities and case studies for beverage manufacturers e.g., pigging, clean-in-place, other cleaning, efficient boilers, cooling towers

- Extended responsibility – Water Stewardship

Waste Management for Beverage Manufacturers

This two-hour virtual training session will include, but is not limited to the following:

- Waste Minimisation Hierarchy
- Undertaking a waste audit and establishing a waste baseline
- Waste reduction opportunities and case studies for beverage manufacturers e.g., general waste, recyclables, organics
- Optimising product yield
- Benefits of working with the suppliers and customers

Engaging with your Supply Chain and Sustainable Procurement

This two-hour virtual training session will include, but is not limited to the following:

- Benefits and principles of sustainable procurement
- Developing sustainable procurement policies and guidelines
- Comparing products and services
- Assessing and engaging your suppliers
- Relevant case studies

Intro to Sustainable Packaging Course – Australian Institute of Packaging Short Course

This three-hour virtual training session will include, but is not limited to the following:

- Steps to implementing Sustainable Packaging Design Guidelines into primary, secondary, and tertiary packaging designs
- Understanding how design can intersect with local, regional and global packaging regulations
- How to review existing packaging
- How to apply the SPG's to procurement and communications

All participants will receive a Certificate of Completion, points towards the globally recognised Certified Packaging Professional designation and access to guidelines and resources that will change how they design their packaging to be more sustainable and offer a lower environmental footprint.

