
Overview

This unit is about understanding the principles of sustainability in a food environment and how these principles can be applied to achieve sustainability. It includes background knowledge related to the development of sustainable food manufacture and/or supply as an integral part of an organisation's corporate social responsibility.

This unit applies to you if you are a manager or consultant who has responsibility for developing a strategy to support the achievement of sustainability in a food environment. It is expected that you will control and support others with regard to the development and implementation of this strategy.

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Principles of sustainability in a food environment

Performance criteria See

You must be able to: IMPSF101S Develop a strategy to achieve sustainability in a food environment

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Knowledge and understanding

You need to know and understand:

- K1 the principles of environmental sustainability in a food environment in relation to energy, waste, water usage and transportation
- K2 how environmental management systems (EMS) are used to support sustainability in a food environment
- K3 how carbon currency data (carbon footprints) is used as an indicator of sustainability
- K4 the relationship between sustainability and the three key elements of corporate social responsibility; economic, social and environmental
- K5 the importance of liaising with national policy makers to determine the influence of government targets and legal requirements on organisational sustainability
- K6 sources of advice and guidance on achieving sustainability in food manufacture
- K7 the benefits of sustainability to the organisation and its stakeholders
- K8 how to gain stakeholder commitment to the development of sustainable food production
- K9 the influences which impact upon the achievement of sustainability
- K10 how to establish targets for sustainable development including the use of benchmarking
- K11 how to control the efficient use of resources within organisational activities to help achieve sustainability
- K12 how the actions of others within the supply chain can influence sustainability
- K13 potential barriers to achieving sustainability and how these can be overcome
- K14 how sustainability impacts on all the component functions of an organisation
- K15 how to collect and analyse the data relevant to resource utilisation including the application of cost benefit analysis
- K16 how continuous improvement supports sustainability
- K17 how to report on performance and improvements
- K18 how to communicate effectively with stakeholders

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