

## Overview

This standard is about reducing an organisation's greenhouse gas emissions in support of sustainable business practice. Greenhouse gas (GHG) emissions are caused by organisational activities. Carbon footprinting is used to determine emissions both internally within the organisation and also across the whole supply chain. Once emission levels are determined, then reduction targets can be set and programmes can be put in place to reduce GHG emissions, for both individual products or for the organisation as a whole. It requires that the full range of greenhouse gases are considered as part of the process including gases such as CO<sub>2</sub>, methane and CFCs.

The standard requires the development and implementation of programmes that aim to reduce the emissions of greenhouse gases. It requires the ability to start-up the research, collect data, analyse data and the development of programmes that will reduce emissions. The ability to communicate with different types of people to both gain approval and support the implementation of greenhouse gas activities is essential.

This standard would be appropriate for:

Those responsible for supporting the development of sustainable business practice. It is likely to apply to senior managers within large organisations and owner/managers within SMEs..

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## Performance criteria

### *You must be able to:*

- P1 analyse data to determine greenhouse gas emission levels for the organisation
- P2 specify the potential benefits to the organisation of reducing greenhouse gas emissions
- P3 identify opportunities for reducing greenhouse gas emissions for the organisation
- P4 evaluate opportunities for reducing greenhouse gas emissions to support sustainable business practice
- P5 specify greenhouse gas emission reduction targets for the organisation
- P6 develop reduction programmes that aim to achieve emission reduction targets in support of organisational sustainability objectives
- P7 consult with decision makers to ensure the reduction programmes and targets are appropriate to the nature and scale of the organisation
- P8 gain approval and support for the reduction programmes from decision makers
- P9 identify and obtain the resources required to implement the reduction programmes
- P10 support the implementation of reduction programmes to achieve organisational sustainability objectives
- P11 integrate reduction programmes into routine organisational activities
- P12 support and encourage others involved in reduction programmes
- P13 monitor and report on the implementation and achievement of the reduction programmes
- P14 apply contingency plans to correct variations from planned emission reduction targets
- P15 communicate achieved emission reduction to stakeholders

## Knowledge and understanding

### *You need to know and understand:*

- K1 the principles of greenhouse gas reduction
- K2 why greenhouse gas reduction is important to the environment
- K3 the legislation, industry standards, circular economy and voluntary codes that support greenhouse gas reduction
- K4 how the economic, social and environmental principles of sustainable development supports the need for greenhouse gas reduction
- K5 how greenhouse gas emission reduction supports climate change mitigation
- K6 the global warming potential of the gases that are classed as greenhouse gases
- K7 climate change projections linked to greenhouse gas emissions
- K8 the sources of greenhouse gas emission data including carbon footprinting and life cycle assessment
- K9 how to analyse data to determine emissions for the organisations
- K10 where to source greenhouse gas reduction advice and support
- K11 how to specify organisational greenhouse emission targets
- K12 how greenhouse gas emission reduction supports sustainable business practice
- K13 the opportunities that are available to support greenhouse gas reduction
- K14 how to evaluate and prioritise opportunities for greenhouse gas reduction
- K15 how reduction programmes can reduce greenhouse gas emissions
- K16 how to integrate reduction programmes into routine organisational activities
- K17 the importance of integrating reduction programmes into routine organisational activities
- K18 how to monitor and report on an organisation's reduction programmes
- K19 how to communicate and engage with the different stakeholders

## Scope/range

Benefits include:

- 1 Economic
- 2 Social and ethical
- 3 Environmental
- 4 Legal

Opportunities to include:

- 1 innovation
- 2 improved procurement
- 3 resource efficiency
- 4 business improvement

Reduction programmes to include:

- 1 the use of renewable energy
- 2 improved resource efficiency
- 3 carbon off-setting
- 4 carbon storage
- 5 the use of delayed emissions
- 6 improved recycling and reuse

Sustainability objectives including:

- 1 economic
- 2 social and ethical
- 3 environmental

Resources to include:

- 1 people
- 2 finance
- 3 technology
- 4 knowledge

Stakeholders to include:

- 1 decision makers
- 2 organisational colleagues
- 3 customers
- 4 suppliers

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Manage Organisational Greenhouse Gas Reduction in Support of Sustainable Business Practice



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