# Unit 204: Awareness of sustainability in the hospitality industry

# Worksheet 1: Principles of sustainability in the hospitality industry (Tutor)

1. What is **sustainability** in the hospitality industry?

In simple words, sustainability means that natural ecosystems can continue to support life and provide resources to meet the needs of the present and future generations.

**Accept any suitable response**

2. List **five** sustainable practices that are commonly used in the hospitality industry:

* waste reduction
* waste reuse/recycle
* energy usage best practices
* water reduction
* food commodities sourcing
* environmentally friendly activities/operations.

**Accept any suitable response**

3. Explain the term **carbon footprint:**

* The carbon footprint refers to the amount of carbon dioxide released into the atmosphere as a result of the organisation’s activities on the environment.
* Carbon dioxide is a gas that’s present naturally in the earth’s atmosphere. As a greenhouse gas, it plays a crucial role in heating the earth by absorbing energy from the sun and redirecting it back towards the earth's surface.
* However, an increase of carbon dioxide gas can have a toxic effect on human and animal life. Moreover, a build-up of carbon dioxide in the atmosphere can lead to climate change.

**Accept any suitable response**

4. State **three** ways the hospitality industry can reduce its carbon footprint:

There are many ways in which hospitality organisations can reduce their carbon footprint such as:

* sourcing local produced commodities
* practice sustainable purchasing
* effective waste management
* training and educating staff and guests
* monitoring energy consumption.

**Accept any suitable response**