

## Unit 305: Sustainability in professional kitchens

### Worksheet 5: Understanding sustainability in the hospitality industry (Tutor)

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1. Define the term food miles

Food miles is the distance food is transported from the time of its making until it reaches the consumer. Food miles are one factor used when testing the environmental impact of food, including the impact on turtles and global warming. The concept of food miles originated in the early 1990s in the United Kingdom.

2. Define what is meant by carbon footprint

A carbon footprint is historically defined as the total greenhouse gas emissions caused by an individual, event, organisation, or product, expressed as carbon dioxide equivalent.

3. Describe the advantages of an inventory management system in relation to reducing the carbon footprint when procuring goods and services

An inventory management system can prevent over ordering and unnecessary deliveries taking place.

4. Identify and explain the methods of procuring resources can impact on the environment

- Importing goods impacts on global air miles travelled and CO<sub>2</sub> emissions
- Frequency of deliveries impact on road miles and CO<sub>2</sub> emissions from vehicles
- Using a stock management system will identify when deliveries are required and not automatically delivered, reducing frequency and saving waste.