

## 6265 Product Carbon Footprint (PCF) – an introduction

### Objective

You are familiar with the basic goals and background of the defined "Green Deal" in the EU by 2050, which includes the Carbon Footprint, among others. You know the Product Carbon Footprint reporting requirements for your company and understand the calculation of a Product Carbon Footprint using a basic example. You are familiar with related terms, such as "Life Cycle Assessment" (LCA), "Product Environmental Footprint" (PEF) and "Corporate Carbon Footprint" (CCF). Furthermore, you are able to determine the scope of greenhouse gas emissions (Scope 1 to 3) for your company.

### Content

- ❑ Objectives and background
  - The Green Deal in the EU
  - Climate change
  - Carbon neutrality
  - Circular economy
- ❑ Definition of Product Carbon Footprint
  - Product Carbon Footprint (PCF) according to ISO 14067
  - Greenhouse gases (GHGs)
- ❑ Related terms and definitions
  - Corporate Carbon Footprint (CCF) according to ISO 14064
  - Life Cycle Assessment according to ISO 14040:2006
  - Environmental Footprint Methods: PEF and OEF
- ❑ Implementation
  - Scope of greenhouse gas emissions
  - Scope 1: Direct emissions
  - Scope 2: Indirect emissions
  - Scope 3: Upstream emissions
- ❑ Calculating the PCF
  - General formula for calculating the PCF
  - Formula for transport calculation
  - Emission factor
  - Examples
  - Composition within the product life cycle

### Training method

Lecture, Q&A

### Participants

Energy management officers, energy officers, environmental officers and environmental management officers, managing directors, technical directors, production managers and production supervisors

### Prerequisites

Basic knowledge of PC and the Internet.

### Duration

180 minutes

**Max. number of participants:** 14

### Certificate

As a participant in our training courses, you will receive a personal certificate to prove your qualification.

### Training documents

You will receive a personal copy of the presentation accompanying the lesson.

### Further trainings

Current prices and dates can be found on our website [www.imds-professional.com](http://www.imds-professional.com)

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