6109

PCF in the Automotive Industry and in IMDS

The Product Carbon Footprint (PCF) is gaining increasing importance in the automotive industry. Regulatory developments, climate targets such as the European Green Deal, and growing demands for transparency and sustainability are driving companies to intensify their focus on PCF data.
Alongside composition, calculation, and data quality, standardized reporting is becoming increasingly important. Initiatives and data exchange platforms such as Catena-X demonstrate that PCF information will play a key role in communication between customers and suppliers in the future. PCF-related input options are also being integrated into IMDS. It is therefore crucial for companies to understand both the technical fundamentals of PCF and the practical documentation and exchange of this data within IMDS.

>> OBJECTIVE

This seminar provides a practical overview of the Product Carbon Footprint (PCF) and its significance in the automotive industry. You will learn key terminology, requirements, and fundamental principles related to PCF composition, data quality, and calculation.

In addition, you will gain insight into the role of PCF data in reporting and data exchange along the supply chain. You will understand how PCF information can be documented, transmitted, and updated within IMDS, and develop confidence in using the relevant input functionalities.

After completing the seminar, you will be able to better interpret PCF information, follow basic calculations, and apply requirements for accurate documentation within IMDS.

Your Advantage: Expand your professional expertise in a growing business area and position yourself as a key liaison between engineering, procurement, sustainability, and your customers. For your organization, this results in a stronger position within the supply chain and increased competitiveness with OEMs and customers.

You will be well prepared for regulatory requirements while also gaining the ability to identify cost-saving and efficiency potentials with precision.

>> NOTICE

This training is part of the certification program “IMDS Officer” (cert.).

More information available online:
www.imds-professional.com

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imds professional environmental product compliance

>> TOPICS COVERED

Objectives and Background
- Climate change
- Paris Agreement
- European Green Deal
- Carbon neutrality
- Importance and benefits of PCF
- Relevance of PCF for companies in the automotive industry

Terms and Definitions
- Product Carbon Footprint (PCF) according to ISO 14067
- Greenhouse gases according to ISO 14064-1
- Life Cycle Assessment (LCA)
- Product Environmental Footprint (PEF)
- Corporate Carbon Footprint (CCF)
- Scope 1, Scope 2, and Scope 3

Requirements and Opportunities
- Current and future requirements
- Additional potential applications of PCF

PCF Composition
- Regulatory framework
- Structure and methodology
- System boundaries and lifecycle phases
- Composition of emissions within PCF
- Difference between lifecycle emissions and scopes

PCF Data Quality
- Importance of data quality
- Primary vs. secondary data
- When primary data is mandatory
- Data quality criteria

PCF Calculation
- General PCF calculation formula
- Transport calculation formula
- Emission factors
- Practical examples
- Lifecycle-based composition
- Industry-specific challenges in the automotive sector
- Catena-X PCF Rulebook
- Calculation tools

PCF Reporting
- Importance of PCF reporting
- Regulatory framework for PCF reporting
- Contents of a complete PCF report
- B2B platforms and data exchange pathways

Input Options in IMDS
- Regulations and standards in IMDS
- Input functionalities
- Production site
- PCF contact person
- Standards and verifications
- Product Carbon Footprint
- Primary data share (PDS) and Data Quality Rating (DQR)
- GHG emissions
- Carbon content
- Transport Carbon Footprint

Submission Process in IMDS
- PCF versions and updates
- Submission and receipt of PCF information

Application Questions on PCF in IMDS
- Mandatory in IMDS: Yes / No
- Handling published MDBs
- Managing missing or incomplete PCF information

Outlook
- The future of the Product Carbon Footprint
- Digitalization and automation
- Future of PCF reporting
- Methodological development

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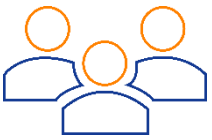
Teaching Method

Presentation with demonstration,
Q&A session

Duration

300 Minutes
(5 Hours)



Max. Number of Participants

14

>> TARGET GROUP

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

>> PERSONAL PREREQUISITES

Basic knowledge of PC and internet use

>> CERTIFICATE OF PARTICIPATION

Each participant will receive a personalized certificate of attendance as proof of qualification.

>> TRAINING DOCUMENTATION

You will receive a copy of the presentation used in class as a PDF.

>> PUBLIC TRAINING

Current prices and dates can be found on our website www.imds-professional.com

>> EXCLUSIVE TRAINING

This training course can also be booked exclusively for your organization,
either as a webinar or as an in-person session.
Your advantage: You choose the location, date, and number of participants,
and you can set the focus areas of the content.

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