

IMDS Newsletter 64

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INTERNATIONAL
MATERIAL DATA
SYSTEM

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**Merry Christmas and a
Happy New Year 2025!**



1. IMDS Release 14.5 planned for December 12th, 2024

MFA

To provide an additional layer of security, Multi-Factor Authentication (MFA) will be introduced to the login process of IMDS with IMDS Release 14.5. Every user will have to set up an authenticator mobile application or browser extension the first time they log in to the system. After that, a one-time code will be required for each login which will be shown in the authenticator. An explanation of how to set up MFA using a mobile device or browser extension will be linked to on the login page. It is also available here: [MFA Setup Guide.pdf](#)

As part of this change, the process of the login will also be changed. Instead of entering both username and password and then clicking on "login", a click on "login" will first open a dialog to enter the username, followed by a dialog asking for the password.

Password link

Whenever a password reset is requested (either by a user clicking on "Request new password" on the login page or by a company administrator on behalf of the user), the email sent to the user will no longer contain a generated password. Instead, there will be a link leading to a password reset page where a new password can be set. The link will be valid for 24 hours and the previous password remain valid until a new one has been defined.

2. Product Carbon Footprint (PCF) information with IMDS Release 15.0

General

IMDS will offer the option to assign Product Carbon Footprint (PCF) information for each MDS.

Entering PCF information is not mandatory, it does not require a new version of the MDS (similar to regulatory information) and it is not linked to the usual release process of received MDS. Existing MDSs without PCF information remain valid and new ones can be released and sent without requiring PCF information.

IMDS does not support the calculation of the PCF of individual products, but instead serve as a data collection and reporting/communication platform. The available data fields have been defined in collaboration with Catena-X and are based on the recent Catena-X PCF Rulebook (Version 3). If PCF data is entered, the complete PCF data set must be entered.

Data structure

PCF information is split into two sets of data: production site-based PCF information reflecting the carbon emission for production and transportation-based PCF information reflecting the carbon emissions for transportation from the production site to the customer.

Generally, companies can define any number of production sites for each MDS. Production sites can be specified in a broad manner, where a single production site represents the average of all actual sites globally or within a single country or define all actual sites individually.

Each production site will have its own version history. It is possible to add production sites or release new versions for existing ones at any point without requiring a new version of the MDS. Besides the actual Total PCF value, each version of a production site requires (among further details) a contact person, the time period for which the PCF information is representative (average over past 12 months) and details about its primary data share (PDS) and data quality rating (DQR) (self-assessments).

For each recipient of an MDS, any number of transportation routes can be defined. Each transportation route links one of the production sites defined for the MDS to a customer site and also has its own version history. Each version requires information about whether the transport is covered by the supplier or the customer and in case of the former the accrued Transport CF. Like data for production sites, it is possible to add or update transportation routes at any point without requiring a new version of the MDS.

Data visibility

The direct customer of an MDS will see the complete data and version history of each production site that has been referenced in at least one of the transportation routes for them. Production sites that have not been referenced are not visible.

When a sub supplier's datasheet is referenced in an assembly, which is sent to a customer, that customer will not be able to see the detailed production site information of the sub supplier. Instead, they will only see the primary data share (PDS) and data quality rating (DQR).

In both cases the visible information is automatically updated along the value chain as soon as the PCF data set is released by the respective supplier.

3. New User privileges with IMDS Release 15.0

General

The current access right management, which is based on user profiles like “Company Administrator” and “User” will be replaced with a new system allowing for more detailed assignment of access rights for certain parts and functions of the system.

Privileges and Presets

Instead of a single profile, each user will have a list of privileges, which grant access to individual features in the system.

Examples:

- View MDSs
- Edit MDSs
- Accept/reject received MDSs
- Forward accepted MDSs
- Manage contact persons
- Manage users

To make user management easier for companies not in need of such detailed access right handling, presets will be introduced, functioning similarly to today’s profiles. E.g., by assigning the “Company Administrator” preset to a user, all privileges that were part of the Company Administrator profile will be assigned to that user. After a preset has been assigned to a user, individual privileges can still be removed and added.

Privileges that are already handled as individual access rights (e.g., “May mark MDS as obsolete” or “Chemistry Manager Access”) will be integrated into this system.

Migration

With the rollout of IMDS Release 15.0 each user will retain their access rights. An update of each user’s privileges is therefore not necessary.

One exception is the privilege to view regulatory information (read-only access to the Regulation Wizard / Chemistry Manager). This privilege will be part of each preset and will be automatically assigned to each user during the release, who does not yet have access to the Regulation Wizard.

4. PFAS (Per- and polyfluoroalkyl substances) and replacing PFAS

The IMDS Steering Committee is currently defining the final requirements to implement PFAS reporting in IMDS.

Regarding PFAS replacement, there’s a recent article titled [“The scale of the problem of replacing ‘forever chemicals’ PFAS”](#) that uses the automotive industry as an example.

This paper indicates that main challenges for the automotive industry in replacing PFAS include:

- Complexity of identifying all PFAS in the global supply chain
- Critical functionality of PFAS in vehicle performance and consumer protection
- Lack of alternatives for some applications
- Need to meet or exceed current quality, durability, and safety standards
- Time and resource-intensive process of developing and testing replacements

There is also a new study by Fraunhofer IWM, [“Replacement of Polymeric PFAS in Industrial Applications with Harsh Environments”](#) highlights that fluoropolymers have become essential, especially in the sealing industry.

5. Users' Echo - e-mails sent to IMDS

We are a medium-size company and heard about a new EU regulation called “Deforestation Regulation”. What exactly is this about and will information on this be entered in IMDS? Thanks.



Dear IMDS User,

The regulation defines deforestation as the “conversion of forests to agricultural use, whether human induced or not”.

On October 2nd, 2024, the EU Commission published additional guidance documents and a framework to support global efforts. The “European Union Deforestation Legislation (EUDR)” will apply from December 30, 2025, for large companies and June 30, 2026, for micro- and small enterprises. While all implementation tools are technically ready, there is a period of 12 months approved By the EU Parliament and the EU Council as a phase-in period to ensure proper and effective implementation.

Significant enhancements will be needed in IMDS to support the full scope of the Deforestation legislation. The regulation states that Derivatives and Products made of Soy, Coffee, Palm oil, Cocoa, Rubber, Cattle and Timber (listed in Annex I), regardless of their quantity (e.g., leather, cosmetics, chocolate) must comply with the regulation.

For now, begin by identifying product content with such materials and pay special attention to published MDSs which may be used in your products. MDSs published after further Deforestation functionality is implemented will likely require Deforestation-compliance information, but existing, referenced datasheets may not possess this information.

At the moment, it has not been defined yet, when or to what extent this will be implemented in IMDS.

Best regards,

Your IMDS Newsletter Team

Your participation

Please help us with your feedback. If you would like to contribute to this Newsletter with articles and comments concerning the IMDS and environmental issues in your company, please contact us by email. For suggestions, further information and questions, please contact imds-newsletter@dx.com

6. Who should be contacted at the automobile manufacturers?

Anadolu ISUZU		e. Volution GmbH	T. Bender
Otomotiv	E. Sener	Faraday Future	G. Lewis
Aston Martin Lagonda	D. Walker	FAW-VW	Aiming Li
BMW	B. Stein-Schaller	Ferrari	Ferrari IMDS Coordinator
Canoo	Craig Howard		
DAF Trucks	DAF IMDS Coordinator	Fisker Inc	C. Munoz
		Ford	S. Riewer
Daihatsu	Daihatsu IMDS Coordinator	GAC Honda	H. Yinbin
		General Motors	Kirankumar Jagatap
Daimler Truck AG	DTAG IMDS Admin	GM India	Kirankumar Jagatap
Dongfeng Honda	Shao Linlin	GM Korea	Hyunkyung Kim
e.GO	e.GO Homologations	Hino	HN-Gikan Peis

6. Who should be contacted at the automobile manufacturers? (continued)

Honda	Honda IMDS Coord.	SAIC	Yusong He
Honda-Sundiro	Akira Iwatake	SAIC GM	Guanghong Xia
Hyundai Motor & KIA	Hye-Young Park	SAIC Volkswagen	Shen Jian
INEOS	INEOS IMDS Coord.	Scania	Frank Schlüter
Isuzu	Isuzu IMDS Coord.	Smart	James Liu
IVECO Group	K. Zardo	Ssangyong	Kyoung Soo Kim
Jaguar Land Rover	M. Griffin	Motor Company	
JSV AVTOVAZ	O. Demicheva	Stellantis - FCA US LLC.	Stellantis US Coord.
Karma	K. Shah	Stellantis - Fiat	Stellantis Fiat Coord.
Koenigsegg	H. Fracassi	Stellantis - PSA	Stellantis PSA Coord.
KTM	Wan-Ting Hsiao	StreetScooter	IMDS Coordinator
Kubota	Kubota Corp. Quality Ass. Promotion Dpt.	Engineering SUBARU Corp.	SUBARU IMDS Coordinator
LEVC - London EV Comp.	IMDS System Engineer		Suzuki IMDS Coord.
Lucid	A. de Haan	Suzuki	D. Chandran
Mahindra&Mahindra Ltd.	Ishant Kaushal	Tata Motors	Tesla IMDS Group
Maruti Suzuki India Ltd.	MSIL IMDS Team	Tesla Motors	Togg IMDS Coord.
Mazda	Mazda IMDS Support	Togg	I. Schoukens
Mercedes-Benz AG	A. Engelmann-Müller	Toyota	Arun N.
Mitsubishi	Mitsubishi IMDS Coordinator	TVS Motor	K. Kuwahara
Nissan	Y. Bito	UD Trucks	Vinfast IMDS
Opel Automobile GmbH	D. Lungershausen	Vinfast LLC	VW IMDS Coordinator
Peugeot Motocycles	Y. Boukhelifa	Volkswagen	
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Porsche	M. Weck	Volkswagen (Anhui)	
PSA Group	PSA IMDS Coordinator	Automotive Company Ltd. J. Zhang	
PT Astra Honda Motor	H. Diansyah	Volkswagen Group (China)	
Renault	Renault IMDS Coordinator	Technology Company Ltd. VCTC IMDS Team	
Renault Samsung	Renault Samsung IMDS Coordinator	Volta Trucks Ltd.	Volta Tr. IMDS Coord.
Rivian Automotive, LLC	Rivian IMDS Coord.	Volvo Car Corporation	IMDS Coordinator
Royal Enfield	Regulatory Compliance Coordinator	Volvo Group	P. Barve
		Wuyang-	Wuyang-Honda
		Honda Motors	IMDS Coordinator
		Zoox	Zoox IMDS Coord.

Editorial

The content in this IMDS Newsletter is collected on behalf of the IMDS Steering Committee by Dr. Ilona Herrmann, EntServ Deutschland GmbH, a DXC company.



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