

CLIMATE DECLARATION FOR PROFESSIONAL CLEANING SERVICE FOR HIGH-SPEED PASSENGER TRAINS

Functional unit: 1 passenger coach kept clean over the period of 1 year

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025.

Information about the service

The cleaning service includes the use of machinery located permanently in the structure, i.e. washing machines, wet vacuum cleaners, vacuum cleaners, buffers, various cleaning equipment (buckets, brushes, PPE, etc.).



Information about the company

Dussmann Service is a world leader in the provision of integrated services in the healthcare and hospital, business, school, assistance for senior citizens, military and transport sectors. For over 40 years it has been dealing with sanitisation, catering and Facility Management with just one goal: customer satisfaction. Widespread presence on the territory and high specialisation of the functions allows the development of innovative and customised solutions to be guaranteed. Dussmann Service is part of Dussmann Group, an international network of specialist services for public bodies and companies. It was established in Italy in 1969 (initially with the name "Pedus Service S.r.l.") on the initiative of the Group established by Peter Dussmann in 1963 in Munich.

Climate declaration

The table below lists the emission of greenhouse gases in kg CO₂ eq. per 1 passenger coach kept clean over the period of 1 year.

	Upstream	Core	Total
GWP-fossil	0.4818	0.8155	1.2972
GWP-biogenic	0.1036	0.1594	0.2631
GWP-LULUC	0.1014	0.0006	0.1020
GWP-total	0.6868	0.9755	1.6623

Other environmental impacts

For the full EPD, see www.environdec.com.

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EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM		REGISTRATION NO: S-P-01953	VALIDITY: 2024-11-25
PCR: 2017:02 VERSION 1.11	UN CPC: 853	PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: PROF. ADRIANA DEL BORGHİ		ACCREDITED / APPROVED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD® SYSTEM	
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