

CLIMATE DECLARATION FOR MLA METROBUS BRESCIA

Functional unit: transport of 1 passenger for 100 km

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® (Environmental Product Declaration), in accordance with ISO 14025.

Product

MLA Metrobus Brescia is a light automatic metro designed for passenger transport. It is designed for Urban transport.



MLA Metrobus Brescia consists of three car bodies with two articulations. The traction is supplied by six electric engines, coupled on three of the four bogies; the fourth truck is a trailer one.

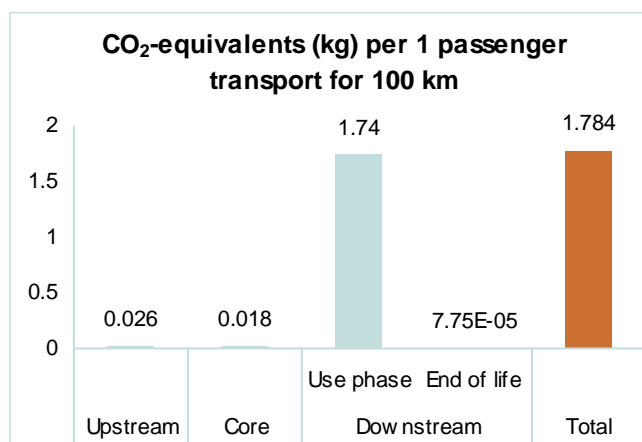
Company

AnsaldoBreda S.p.A. is a company specialized in the production of rail vehicles and is part of Finmeccanica Group. AnsaldoBreda S.p.A. is organized in four Plants in Italy: Napoli, Pistoia, Reggio Calabria and Palermo. Furthermore, it can rely on some operating plants abroad, achieving an overall number of about 2,400 employees. Site plants involved in MLA Metrobus Brescia production are Reggio Calabria, where body structure is built and painted, and Naples, where car bodies coming from Reggio Calabria are completed with bogies, interior windows and doors installation.

Climate declaration

The environmental performance of the considered product has been quantified by Life Cycle Assessment (LCA) approach in accordance with ISO 14040 and ISO 14044. The life cycle is divided into three modules, Upstream Module (raw and basic materials, fuels etc) Core Module (manufacture of the vehicle) and downstream module (operation, materials etc). More information about the modules is found in the EPD. The

table below shows the emissions of greenhouse gases for passenger transports in the vehicle MLA Metrobus Brescia.



Other environmental information

More information about the products complete environmental performance is presented in the EPD at www.environdec.com.

Contact

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LINK TO MORE INFORMATION: WWW.CLIMATEDEC.COM/208

EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM

REGISTRATION NO: S-P-00208

PCR: 2009:05

PCR REVIEW CONDUCTED BY: TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD®SYSTEM

INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025:
EXTERNAL VERIFIER: RINA S.P.A CERTIFICATION BODY

ACCREDITED / APPROVED BY:
SINCERT

CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE

READ MORE ABOUT CLIMATE DECLARATIONS AT WWW.CLIMATEDEC.COM

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