

CLIMATE DECLARATION FOR METRO ROMA LINE C

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

Metro Roma C is an urban metro designed for passengers transport. It consists of six carriages with five articulations. The traction is supplied by sixteen electric engines, coupled on eight of the twelve bogies; the other four trucks are only trailers.

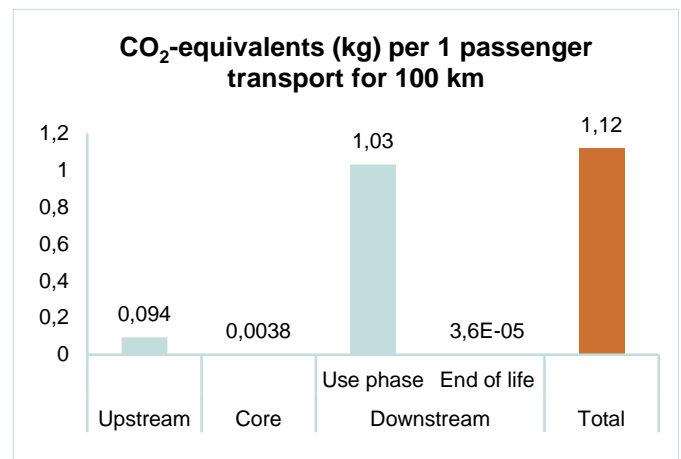


Company

AnsaldoBreda S.p.A. is a company specialized in the production of rail vehicles and is part of Finmeccanica Group. Today 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. Metro Roma C is produced in Napoli, where the body components are built, and in Reggio Calabria, where the carpentry, painting and assembly operations are performed.

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/276

EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM

REGISTRATION NO: S-P-00276

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 SERVICES S.P.A CERTIFICATION BODY

ACCREDITED / APPROVED BY:
SWEDAC & ACCREDIA

CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE

READ MORE ABOUT CLIMATE DECLARATIONS AT WWW.CLIMATEDEC.COM

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