

CLIMATE DECLARATION FOR CARAVAGGIO TRAIN REGIONAL TRAIN

Functional unit: transport of 1 passenger for 1 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®, in accordance with ISO 14025.

Information about the product

Caravaggio is a Regional Train designed for transport passengers and belongs to the category of passenger transport vehicles classified as “Regional” – “Single- and double-deck electric multiple units”. Caravaggio Train consists of four carbodies with three articulations. The traction is supplied by eight electric engines, coupled on four motor bogies, two for motor bogie; the other four trucks are only trailers.



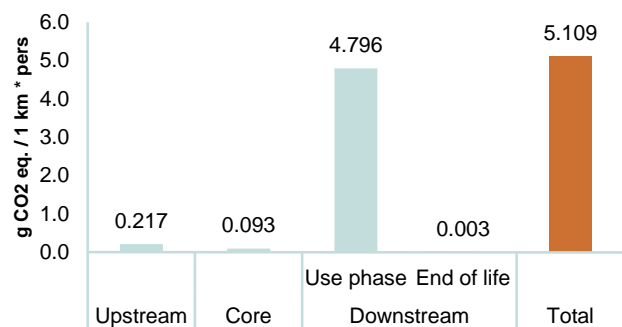
Information about the company

Hitachi Rail Italy is the most important railway Company in Italy and it was taken over, in November 2015, by Hitachi Rail Europe. It was born by the merging of two historical companies, Ansaldo Trasporti and Breda Costruzioni Ferroviarie that, in over 160 years of activity, have marked the railway and urban sector.

Hitachi Rail Italy produces rolling stock for main line and city transport through activities including the design and manufacturing of both the mechanical parts and the electrical equipment. Another element of Hitachi Rail Italy's profile consists of the Service activities such as maintenance, spare parts, components and upgrading.

Climate declaration

The figure below shows the calculated emissions of greenhouses gases over the life cycle of the product, presented in carbon dioxide equivalents using Global Warming Potential 100 years.



Other environmental impacts

For more information, see the EPD, available via <http://enviromdec.com/en/detail/epd1175>

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INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: ADRIANA DEL BORGHI		ACCREDITED / APPROVED BY: THE INTERNATIONAL EPD® SYSTEM	
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