

CLIMATE DECLARATION FOR MOORING CHAIN R3-R3S, R4-R4S, R5 QUALITY STEEL FOR OFFSHORE INDUSTRY

Declared unit: 1000 kg of offshore mooring chain

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

Information about the product

A mooring system is made up of a mooring line, anchor and connectors, and is used for station keeping of a ship or floating platform in all water depths. Those platforms are normally used for oil and gas extraction or storage, but it is also getting higher the number of renewable energy installations offshore that required mooring lines. A common mooring line connects an anchor on the seafloor to the floating structure, and it can be made up of synthetic fiber rope, wire and chain or a combination of the three.



Information about the company

VICINAY SESTAO S.L. (VSSL) is located in Biscay (Sestao), northern Spain. It was established in 2013 and belongs to VICINAY MARINE group. With the new advanced management model and infrastructures, VSSL allows to increase the group's manufacturing capacity in 50.000 tons/year reaching its highest capacity in chain production.

Climate declaration

The figure below presents the emissions of greenhouse gases, calculated as kg of carbon dioxide equivalents using Global Warming Potential 100 years for different life cycle stages:



Other environmental information

This declaration is limited to one impact category. For information about other relevant environmental impacts, see the certified EPD available at www.environdec.com.

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LINK TO MORE INFORMATION: HTTP://ENVIRONDEC.COM/EN/DETAIL/EPD476			
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