

# CLIMATE DECLARATION FOR

## ELECTRICITY FROM AN INDIAN ONSHORE WIND FARM

### USING SG 2.1-122 WIND TURBINES

Functional unit: 1 kWh of electricity distributed  
to a 110 kV Indian electrical grid

The climate declaration shows the emissions of greenhouse gases, expressed as CO<sub>2</sub>-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

This document represents the certified Environmental Product Declaration (EPD), of the electricity generated through an Onshore wind farm of SG 2.1-122 wind turbine generators, located in an Indian scenario and operating under low wind conditions (IEC III/S wind class).



Siemens Gamesa is dedicated to both the design and the manufacturing of its wind turbines as well as to the installation and assembly of the final product at the wind farm. Therefore, the company is fully aware of the entire life cycle of their products.

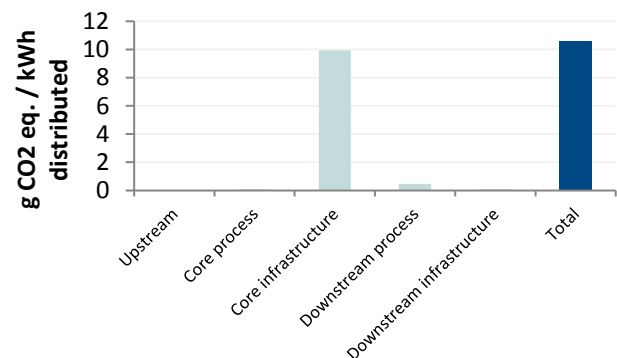
#### Information about the company

Siemens Gamesa is a leading supplier of wind power solutions to customers all over the globe. A key player and innovative pioneer in the renewable energy sector, we have installed products and technology in more than 90 countries, with a total capacity base of over 89.5 GW installed globally and 23,000 employees.

Siemens Gamesa's end-to-end value chain expertise encompasses onshore and offshore wind turbine design, manufacturing, installation as well as cutting-edge service solutions.

#### Climate declaration

The diagram below shows the carbon footprint of the product, calculated as kg carbon dioxide equivalents (GWP, 100 years).



#### Other environmental impacts

For the full EPD, see [www.environdec.com](http://www.environdec.com).

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**SIEMENS Gamesa**  
RENEWABLE ENERGY

EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM		REGISTRATION NO: S-P-01474	VALIDITY: 2021-12-21
PCR: 2007:08	UN CPC: 171, 173	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: TECNALIA R&I CERTIFICACIÓN, S.L.			ACCREDITED / APPROVED BY: ENAC
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