

# CLIMATE DECLARATION

## FOR ELECTRICITY FROM EUROPEAN G132-3.465 MW ON-SHORE WIND FARM

Declared unit: 1 kWh electricity generated and distributed

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 wind turbine generator is a 3.465 MW rated power turbine, with a three-blade rotor. It has a rotor diameter of 132 m, and a swept area of 13,685 m<sup>2</sup>. Gamesa harnessed the experience acquired through the installation of 26 GW of its high performance 2.0 MW platform to develop this new model, capable of generating even more power at medium-wind sites while remaining as competitive as the existing models with smaller rotor.



### Information about the company

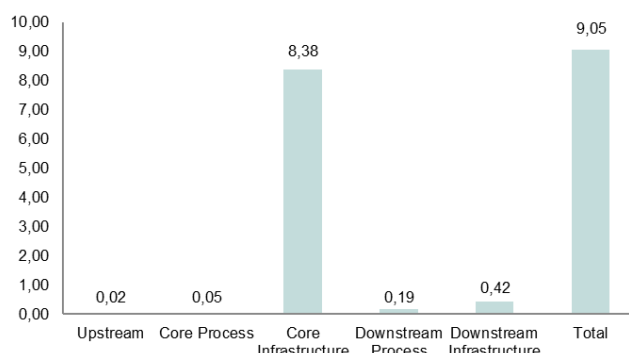
Together, Siemens Wind Power and Gamesa have created a leader in the renewable energy industry, to provide cleaner, more reliable and more affordable energy to society, and to create lasting value for all their stakeholders.

Siemens Wind Power and Gamesa have a proven track record of excellence in operation and maintenance. Together, the company benefits from an increased scale and global reach.

### Climate declaration

The table below presents the emission of greenhouse gases, calculated as g of carbon dioxide equivalents using Global Warming Potential 100 years for different information modules:

**g CO<sub>2</sub>-eq. per kWh electricity generated and distributed**



### 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](http://www.environdec.com).

### Contact information

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EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM		REGISTRATION NO: S-P-01049	VALIDITY: 2020-09-06
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.			APPROVED BY: THE INTERNATIONAL EPD SYSTEM
LINK TO MORE INFORMATION: <a href="http://environdec.com/en/detail/EPD1049">HTTP://ENVIRONDEC.COM/EN/DETAIL/EPD1049</a>			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			