

Installation of a photovoltaic shade at the Legrand Group headquarters in Limoges



Installation of solar panels on the carpark of Legrand headquarters in Limoges

Starting date of the project	January 2022		
Project Localisation Places of implementation of the project at this stage and targeted geography if replicable.	Legrand headquarters in Limoges, France		
Project objectives Type of climate innovation of the project with a description of the problem/issue addressed	Legrand is committed to reduce global Scope 1&2 emissions by 10% per year between 2022 and 2024: the project objective is to reduce emissions related to electricity consumed in our headquarters		
Detailed project description	Installation of 550 kWp photovoltaic panels on the roof of the carpark of Legrand headquarters in Limoges		
Main project's drivers for reducing the greenhouse gas emissions Enter the information in the appropriate boxes	Reduction levers	Details on the aspects of the project	
	<input type="checkbox"/> Energy and resource efficiency (including behaviour)		
	<input checked="" type="checkbox"/> Energy Decarbonisation	Consuming electricity produced by solar panels	
	<input type="checkbox"/> Energy efficiency improvements		
	<input type="checkbox"/> Improving efficiency in non-energy resources		
	<input type="checkbox"/> Emissions absorption: creation of carbon sinks, negative emissions (BECCS, CCU/S, ...)		
	<input type="checkbox"/> Financing low-carbon producers or disinvestment from carbon assets		
<input type="checkbox"/> Reduction of other greenhouse gases emission			
Emission scope(s) on which the project has a significant impact and quantification of GHG emission reductions per emission scope Indicate the aspects of the project that contribute to the reduction of emissions per category of emissions considered (left-hand column) and the quantification of associated emissions. Indicate the main hypotheses and calculation steps in the intended section (below the table) For further details, please refer to the methodology guidelines.	Aspects of the project contributing to the reduction of emissions by emission category	Quantification of associated GHG emissions by emission category Please follow the quantification methodology used in the Afep guidelines .	
	Reduction of the company's carbon dependency		
	Scope 1 <i>Direct emissions generated by the company's activity.</i>		
	Scope 2 <i>Indirect emissions associated with the company's electricity and heat consumption.</i>	Installation of solar panels	34 tons CO2 avoided per year
	Scope 3 <i>Emissions induced (upstream or downstream) by the company's activities, products and/or services in its value chain.</i>		
	Increase of carbon sinks		
	Emissions Absorption <i>Carbon sinks creation, (BECCS, CCU/S, ...)</i>		
	GHG emissions avoided by the company at third parties		
	Avoided Emissions		

	<p><i>Emissions avoided by the activities, products and/or services in charge of the project, or by the financing of emission reduction projects.</i></p>		
	<p>Clarification on the calculation or other remarks: click here to specify Legrand headquarters consume yearly 4700 MWh in average. Solar panels will generate up to 572 MWh (12% of total electricity consumed). Taking into account a French national emission factor of 60 gCO₂/kWh, it will represent a reduction in CO₂ emission of 34 tonnes per year.</p>		
Modality of verification of the quantification.	Internal		
Other environmental and social benefits of the project If possible, list the impacts and Sustainable Development Objectives concerned	SDG 8 : local employment SDG 7 : affordable and clean energy		
Project maturity level Tick the corresponding current maturity level	<input type="checkbox"/> Prototype laboratory test (TRL 7) <input type="checkbox"/> Real life testing (TRL 7-8) <input type="checkbox"/> Pre-commercial prototype (TRL 9) <input type="checkbox"/> Small-scale implementation <input checked="" type="checkbox"/> Medium to large scale implementation Remarks: click here to enter the level of maturity of the project		
Capacity and conditions of the project reproducibility, with associated climate impact mitigation potential			
Amount of investment made (in €)	Investment spread through the Power Purchasing Agreement		
Economic profitability of the project (ROI)	<input checked="" type="checkbox"/> ST (0-3 years) <input type="checkbox"/> MT (4-10 years) <input type="checkbox"/> LT (> 10 years) Remarks: click here to enter the information		
Engaged partnerships	RESERVOIR SUN		
Open comments from the project owner	xxx		
More about the project			
Contact the company carrying the project Please specify an ad hoc e-mail address that will allow the reader to contact the project company directly	Fabio.Brambila@bticino.it		
Project URL links	xxx		
Illustrations of the project 3 photos/videos minimum (in HD format to be attached)			