

Optimising the carbon footprint of Groupama's forestry activities



Groupama is implementing tools to manage and monitor the forestry areas of the Société Forestière Groupama, in order to optimise its CO₂ capture potential.

Starting date of the project	2015					
Project Localisation Places of implementation of the project at this stage and targeted geography if replicable.	Forests managed by the Société Forestière Groupama, approximately 22,000 hectares, located in France					
Project objectives Type of climate innovation of the project with a description of the problem/issue addressed	Identify initiatives to optimise forest management in terms of GHG capture Monitor and further improve the GHG emissions assessment of Société Forestière Groupama's forests					
Detailed project description	Groupama has implemented multifunctional forest management, combining the social, ecological and economic functions of forests. The forests managed by the Société Forestière Groupama serve as carbon sinks. Each year, their increase in absorption capacity is assessed (volume of carbon sequestered as a result of the annual increase, in addition to the carbon already stored).					
Main project's drivers for reducing the greenhouse gas emissions	Reduction levers	Details on the aspects of the project				
	<input type="checkbox"/> Energy and resource efficiency (including behaviour)					
	<input type="checkbox"/> Energy Decarbonisation					
	<input type="checkbox"/> Energy efficiency improvements					
	<input type="checkbox"/> Improving efficiency in non-energy resources					
	<input checked="" type="checkbox"/> Emissions absorption: creation of carbon sinks, negative emissions (BECCS, CCU/S, ...)	Increase in the stream of CO ₂ captured through improved forest management.				
<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		<table border="1"> <thead> <tr> <th>Aspects of the project contributing to the reduction of emissions by emission category</th> <th>Quantification of associated GHG emissions by emissions category</th> </tr> </thead> <tbody> <tr> <td></td> <td><i>Please adhere to the quantification methodology used in the the memorandum from the AFEP.</i></td> </tr> </tbody> </table>	Aspects of the project contributing to the reduction of emissions by emission category	Quantification of associated GHG emissions by emissions category		<i>Please adhere to the quantification methodology used in the the memorandum from the AFEP.</i>
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	Reduction of the company's carbon dependency					
Scope 1 <i>Direct emissions generated by the company's activity.</i>	Logging	Emissions resulting from operation of the machinery at forestry sites Quantification: SFG's CO ₂ emissions for 2020: 336 tonnes of CO ₂ e				
Scope 2 <i>Indirect emissions associated with the company's electricity and heat consumption.</i>						
	Scope 3					

	<p><i>Emissions induced (upstream or downstream) by the company's activities, products and/or services in its value chain.</i></p>		
	Increase of carbon sinks		
	<p>Emissions Absorption <i>Carbon sinks creation, (BECCS, CCU/S, ...)</i></p>	Improved CO ₂ absorption (thanks to the new management system)	Quantification: storage of 10.5 million tonnes of carbon in 2020 compared with 9.2 million tonnes of carbon in 2014
	GHG emissions avoided by the company at third parties		
	<p>Avoided Emissions <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>	Improvement in the sale of building timber from Groupama forests,	Quantification: 79,471 tonnes of CO ₂ e for 2020 compared with 39,240 tonnes of CO ₂ e in 2014
	<p>Clarification on the calculation or other remarks:</p> <ul style="list-style-type: none"> - The sale of standing timber, which enables economic stakeholders operating in the sector to reduce final CO₂ emissions. The share of CO₂ saved by using wood from forests managed by Société Forestière Groupama was 79,471 tonnes in 2020 - Storage of 10.5 million tonnes of carbon in 2020 compared with 9.2 million tonnes in 2014: increase of 1.3 million tonnes of carbon over 7 years. 		
Modality of verification of the quantification.	<p>Calculation standard used (ADEME base, GHG protocol, etc.): ADEME Verification of the calculation (internal or external): Independent validation by external firms specialising in carbon assessment in particular.</p>		
Other environmental and social benefits of the project	<p>The carbon saved through the management of forest assets mainly contributes to the following SDGs:</p> <ul style="list-style-type: none"> • SDG 12 on Responsible Consumption and Production, through the wood sold and used by the sector, • SDG 13 on Climate Action – forests are managed sustainably and the way in which tree plantations are managed increasingly covers the challenges of climate adaptation (absorption and resistance to climate change) each year, • SDG 15 on Life on Land, through sustainable forest management and consideration of existing ecosystems so that biodiversity can increase. The management methods also pay particular attention to ensuring a balance between forestry and hunting, as well as to the choice of species and the conservation of habitats. 		
Project maturity level	<p><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</p> <p>Remarks:</p> <ul style="list-style-type: none"> • The volume of carbon stored has been measured annually since 2014, and has shown uninterrupted growth • Increase in forest area due to acquisitions almost every year 		
Amount of investment made (in €)	<p>Assets valued at €160m Latest annual investment of €8m.</p>		
Economic profitability of the project (ROI)	<p><input type="checkbox"/> ST (0-3 years) <input type="checkbox"/> MT (4-10 years) <input checked="" type="checkbox"/> LT (> 10 years)</p> <p>Remarks: click here to enter the information</p>		
Engaged partnerships	<p>Partnerships have been established with consulting firms EcoAct, If Consultants and Cabinet Gourmain Barthélémy.</p>		
Capacity and conditions of the project reproducibility, with associated climate impact mitigation potential	<p>Management of forestry assets adapted to climate change should be pursued.</p>		
Open comments from the project owner	/		
More about the project			
Contact the company carrying the project	Groupama: gmaresponsabilitesocialeentreprise@groupama.com		
Project URL links	https://www.groupama-immobilier.fr/patrimoine/patrimoine-actifs-forestiers/		
Illustrations of the project	Video: https://www.youtube.com/watch?v=c3mNdF5EpVY&feature=youtu.be		

