« Le Bois de l'Abbaye »
Centre-Val de Loire (37)

This project involves the afforestation of land that has been abandoned by agriculture. The afforestation, carried out between autumn 2021 and spring 2022, is a mixture of 9 deciduous and resinous varieties. This project is labelled "Bas-Carbone" and will result in the emission of carbon credits certified by the Ministry of Ecological Transition (MTE).

Starting date of the project	Soil preparation and planting between autumn 2021 and spring 2022
Project Localisation Places of implementation of the project at this stage and targeted geography if replicable.	Town: La Celle-Guenand (37350) Department: Indre-et-Loire Region: Centre-Val de Loire
Project objectives Type of climate innovation of the project with a description of the problem/issue addressed	In a climate change context and within the framework of the "Bas-Carbone" Label, this afforestation project, to which iliad Group is exclusively contributing, will result in the emission of carbon credits certified by the Ministry of Ecological Transition (MTE). This project should enable to store 5850 tCO2eq over the next 30 years.
Detailed project description	This is an afforestation project on abandoned agricultural land surrounding a house, located in a forest enclave. This afforestation will link two parts of a forested area. It covers an area of 21.80 hectares, with a mixture of 9 deciduous and resinous varieties for a total of 27601 plants.
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**
☐ Energy and resource efficiency (including behaviour)	
☐ Energy Decarbonisation	
☐ Energy efficiency improvements	
☐ Improving efficiency in non-energy resources	
☒ Emissions absorption: creation of carbon sinks, negative emissions (BECCS, CCU/S, ...)	Planting of 27601 trees allowing carbon storage in plant biomass, soil and wood products, over a 30-year period.
☐ Financing low-carbon producers or disinvestment from carbon assets	
☐ 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)

	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 *Direct emissions generated by the company's activity.*		
Scope 2 *Indirect emissions associated with the company's electricity and heat consumption.*		
Scope 3		

<table>
<tr><td>For further details, please refer to the methodology guidelines.</td><td>
<table>
<tr><td>Emissions induced (upstream or downstream) by the company's activities, products and/or services in its value chain.</td><td></td><td></td></tr>
<tr><td colspan="3">Increase of carbon sinks</td></tr>
<tr><td>Emissions Absorption
Carbon sinks creation, (BECCS, CCU/S, …)</td><td>Total emissions reductions that can be generated by the project = Anticipated emissions reductions "forest" + Anticipated emissions reductions “products” + Anticipated indirect emissions reductions

$EER_{Total} = AER_{forest} + AER_{products} + IER_{substitution}$</td><td>Total emissions reductions that can be generated by the project attributable to iliad Group = 5850 tCO2 (or an average of 195 tCO2/year or almost 9 tCO2/ha/year)</td></tr>
<tr><td colspan="3">GHG emissions avoided by the company at third parties</td></tr>
<tr><td>Avoided Emissions
Emissions avoided by the activities, products and/or services in charge of the project, or by the financing of emission reduction projects.</td><td></td><td></td></tr>
</table>
Clarification on the calculation or other remarks:
Emissions reductions attributed to iliad Group are voluntarily lower than the total EERs that can be generated by the project (safety reduction applied by STOCK CO2).
</td></tr>
<tr><td>Modality of verification of the quantification.</td><td>Calculation standard used (ADEME base, GHG protocol, etc.): Calculator certified by the Ministry of Ecological Transition (MTE)

Verification of the calculation (internal or external): Double external verification: Ministry of Ecological Transition + STOCK CO2</td></tr>
<tr><td>Other environmental and social benefits of the project

If possible, list the impacts and Sustainable Development Objectives concerned</td><td>Socio-economic: The companies that carried out the work are located within 100km of the offset project

Soil preservation: Maximum soil preservation is ensured by the slash left on site after harvesting and light tillage

Biodiversity: The afforestation of these plots will create a continuity of forest cover and facilitate the movements of wildlife.</td></tr>
<tr><td>Project maturity level

Tick the corresponding current maturity level</td><td>☐ Prototype laboratory test (TRL 7)
☐ Real life testing (TRL 7-8)
☐ Pre-commercial prototype (TRL 9)
☐ Small-scale implementation
☒ Medium to large scale implementation

Remarks: The project is already planted and labelled “Bas-Carbone” by the Ministry of Ecological Transition</td></tr>
<tr><td>Capacity and conditions of the project reproducibility, with associated climate impact mitigation potential</td><td>This project complies with the "Afforestation" method of the Bas-Carbone Label, approved by the Ministry of Ecological Transition (MTE). STOCK CO2 develops numerous "Bas-Carbone" projects of the same type as a representative, and is the 1st forestry operator of the "Bas-Carbone" label for the last 2 years with 35% of the labelled volumes (tCO2eq).</td></tr>
<tr><td>Amount of investment made (in €)</td><td>154 348 €</td></tr>
<tr><td>Economic profitability of the project (ROI)</td><td>☐ ST (0-3 years)
☐ MT (4-10 years)
☒ LT (> 10 years)

Remarks: Obtaining the “Bas-Carbone” Label for the project is conditioned by the economic additionality of the project following an economic analysis carried out by STOCK CO2, validated by the authority (MTE), and demonstrating that the project is less profitable than the absence of the project.</td></tr>
<tr><td>Engaged partnerships</td><td>The iliad Group has chosen STOCK CO2 for its portfolio of forestry and agricultural “Bas-Carbone” Label projects for the years 2021-2022.</td></tr>
<tr><td>Open comments from the project owner</td><td>The voluntary contribution to “Bas-Carbone” labelled projects in France demonstrates the local commitment of iliad Group, and allows the creation of territorial equalisation.</td></tr>
<tr><td colspan="2">More about the project</td></tr>
</table>

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	STOCK CO2 on behalf of the iliad Group contact@stock-co2.fr iliad Group Paul Jumentier pjumentier@iliad.fr
Project URL links	Statement iliad Group: https://www.iliad.fr/en/actualites/article/climate-strategy-major-headway-in-7-areas-168 Ministry of Ecological Transition: https://www.ecologie.gouv.fr/label-bas-carbone
Illustrations of the project 3 photos/videos minimum (in HD format to be attached)	Video shot by the iliad Group + 4 pictures