
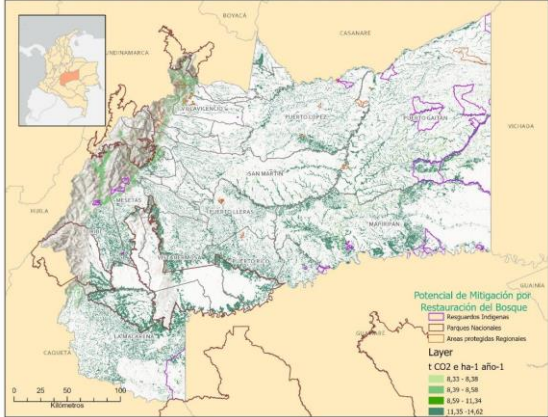
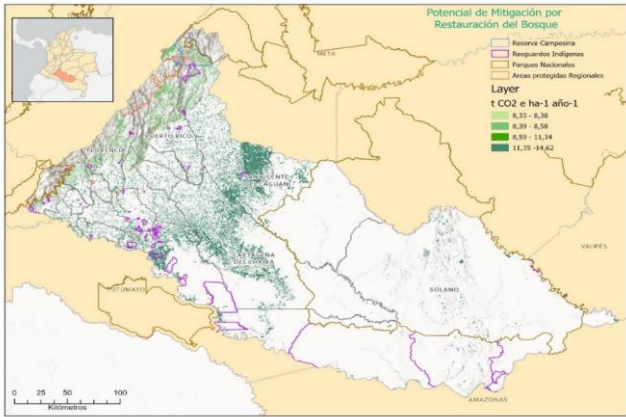




## 5.4. TNC AC02: Carbon monitoring protocol

<b>Name of the Project</b>	Develop a carbon monitoring protocol for restoration projects, and strengthen the enabling conditions for its implementation, whilst planting 250,000 trees in the departments of Meta and Caquetá
<b>Partner</b>	
<b>What is the Project looking for?</b>	<p>This project begins with the design and implementation of a planting plan for 250,000 trees of native species in the department of Meta and in the foothills of the department of Caquetá. Subsequently, it implements a monitoring protocol to assess the survival rate of the planted plants and estimates the carbon absorption associated with the restoration process. Finally, it allows to identify, generate, or strengthen the enabling conditions for the implementation and consolidation of restoration as a sustainable business opportunity and a nature-based solution for the mitigation of climate change.</p>
<b>Intervention landscapes</b>	<p>The restoration process in the departments of Meta and Caquetá starts with an assessment of an area's potential with regards to restoration and the fulfillment of other criteria associated with logistics and the state of local public order. Finally, technical environmental conditions are checked so that they allow the greatest positive impact when considering the resources allocated to the restoration activity.</p> <div style="display: flex; justify-content: space-around;">   </div> <p><i>Source: The Nature Conservancy, 2021</i></p>
<b>SDGs to which it contributes</b>	
<b>SbN Social Challenge (IUCN)</b>	
<b>Main Results</b>	<p>During the month of December 2021, two products were generated to start the carbon planting and monitoring project:</p> <ul style="list-style-type: none"> <li>• Report of the readiness stage for the planting of 250,000 trees in Meta and Caquetá.</li> <li>• Protocol for monitoring the survival of planted trees and carbon sequestration in restoration processes.</li> </ul>

During the year 2022, the execution of planting and monitoring activities began, which will provide results for the generation of conclusions and publishable recommendations.