

Árvore Consulting

<u>Team Member Name</u>	<u>Year</u>	<u>Major</u>
Shreya Venkat	4 th	Finance
Kameron Lubben	2 nd	Economics
Ryan Holling	4 th	Management
Katherine Bi-Ji	2 nd	Economics, Statistics, and Math

Advisor(s): Dr. Brian Ray

Topic Title: Developing infrastructure in São Paulo, Brazil to decrease pollution.

Audience: Board of Camargo Corrêa

Sustainable Development Goal

SDG # 11: “Make cities and human settlements inclusive, safe, resilient and sustainable.”

Executive Summary

São Paulo, Brazil is a city with many infrastructure issues that have exacerbated their pollution crisis. One of the biggest contributors is the wealthy taking helicopters daily to get around town, emitting 500 kilograms of CO₂ per hour compared to cars emitting less than 2 kilograms of CO₂ per hour. Though these environmental issues are widespread, we at Árvore Consulting believe that improving the city’s infrastructure is a necessary step in the right direction. To do this, we must target established businesses working on such initiatives, specifically construction company Camargo Corrêa Infra. Camargo Corrêa is one of the largest construction companies in Brazil, specifically based in São Paulo, that has been recognized as the most sustainable construction company in Brazil among other similar titles, which shows their dedication to decreasing pollution. In 2018, Camargo Corrêa was named first in sustainability in civil construction by Época Negócios 360°.

Árvore Consulting will propose a rebuilding plan for Camargo Corrêa to develop abandoned and dilapidated buildings in São Paulo into affordable housing for the working class so that they can live closer to their jobs, which would significantly reduce traffic. This rebuilding is just the first step in redesigning and restructuring São Paulo’s infrastructure to be more sustainable, which Camargo Corrêa will be a part of.

This proposal will not only create business and establish a visible legacy for Camargo Corrêa, but it will also help solve urbanization issues created by helicopter and car emissions by first providing working class citizens affordable housing inside the city rather than on the outskirts of it.