

GARBAGE COMPACTION AND RECYCLING CENTER

GG2341120 - Curacaví Chile





COLLABORATING ORGANIZATIONS - Municipality of Curacavi

- RC Curacavi has been working with the Municipality since its foundation. They have developed many projects together. During 2018 and 2022 the club made two GGs in order to provide the commune with a dental unit and a Rehabilitation Center.
- These projects made the relation even closer and the way the municipality has been providing the service of both, the dental unit and the Rehabilitation Center makes the club sure about this new alliance.

How we reciprocate

- We consider all our international partners on a plate, that will be located at the recycling center
- And we will be updating the regularly them as we have done on the previous GG we have managed. Sending pictures and reports during the GG and after.



Project Overview

- Curacaví, is a rural commune distant 50 km from the capital Santiago. Both visitors and its inhabitants generate a lot of waste from plastic containers and cardboard, these must be collected and transferred to the recycling plants in Santiago.
- This plastic and cardboard waste is mostly made up of containers and packaging of various products, which together make up a large volume, but very little weight, which requires the availability of many trucks for its transfer. Making the procedure inefficient but the most negative thing is the high carbon footprint it has.
- The same thing happens with tree pruning waste, which also has a large volume and little weight, and as it takes time to collect it, many neighbors opt for the clandestine burning of the branches, causing smoke that travels to other places, harming the quality of the air many times. sometimes almost unbreathable. It is worth mentioning that the lack of rain in the winter months plus these clandestine burnings, year after year, further worsen the air quality of the Metropolitan Region and, therefore, our commune.
- Bulky waste (large household waste) must also be treated for subsequent transfer. There is a very high demand, and the lack of this service generates micro dumps, affecting people's quality of life. With the incorporation of this project, with the fact of crushing, compacting, and baling, the following would be reduced:
 - Transportation to recyclers: in at least 70% of truck trips, they stop emitting the equivalent of tons of carbon, thus reducing their footprint and contributing to curbing climate change.
 - Micro dumps: by 50%, improving the quality of life of nearby neighbors and therefore the entire community, and without a doubt it is a huge contribution to the care of our planet.
 - Bulky waste trips: 75%, thus, the most substantial improvement in recent times in terms of reducing the carbon footprint of municipal practices. But, in addition, impacting day by day on people who must live exposed to micro dumps.



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