Carbotura Regenesis

Carbotura Regenesis is an advanced **Waste-to-Manufacturing** business by Carbotura, part of Gravitas Infinitum, LLC. It transforms municipal solid waste into valuable renewable nanomaterials, replacing traditional recycling and sorting by processing waste at the molecular level. This system achieves 100% recycling efficiency, eliminating the need for landfills and supporting a circular economy.

JOB CREATION

This initiative will generate 50-80 permanent jobs initially, expanding up to 400-600 jobs as the facility scales, which can significantly boost local employment and create over five times the number of indirect jobs in related industries and services.

Community Collaboration

The public-private partnership model ensures that the community is not financially burdened, benefiting from the economic and ecological outputs of the facility while Carbotura manages all financial, operational, and environmental risks.

Economic Growth

The investment will catalyze further industrial and commercial activities in the area, attracting ancillary businesses such as supply chains and maintenance services, thereby stimulating the local economy.

Renewable Nanomaterials

The facility will enable the production of strategic high-value materials from waste, such as graphite and graphene, positioning the community at the forefront of advanced manufacturing.

Revenue Generation

New streams of revenue will be generated for the community through taxes, land leases, and increased economic activity surrounding the facility. Additionally, the community may benefit from rebates on the Regenesis Fee, subject to performance criteria.

Zero-Waste & Zero-Emissions

The operation of the facility will be in line with Carbotura's commitment to sustainability, operating with zero residual waste and emissions, setting a high standard for environmental stewardship.

Negative Carbon Footprint

By processing waste locally and converting it into useful products, the facility will significantly reduce the carbon footprint associated with waste transportation and traditional disposal methods.

100% Recycling

The facility will transform municipal solid waste into high-value materials, reducing reliance on landfilling and inefficient traditional recycling processes.