

FURTHER INITIATIVES FOR 2022

Our will is to improve our sustainable path every year by adding new steps.

In 2022 our path also includes:

- the installation of solar panels aimed at generating electricity for auto consumption
- the use of renewable electric energy in 2022
- the implementation of a system for the recycling, and the consequent reduction of water utilized during production
- general reduction of energy consumption through technical measures, aimed at reducing our carbon footprint.



Andhra Pradesh



greencast®

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CARBON NEUTRALITY

MADREPERLA

GREEN CAST®
A 2022
CARBON NEUTRAL



Over 10 years ago we began working on Green Cast® – 100% recycled and recyclable cast acrylic sheets – in an attempt to implement a commercially viable circular economy model for our own production: recover - recycle - reuse.

In 2022 we are taking a further step in our sustainability path by making Green Cast® carbon neutral to improve on the results already achieved with its production.



What is Carbon Neutrality

Carbon Neutrality occurs when greenhouse gas emissions are offset by an equal quantity of reduced emissions, within a given time horizon in relation to a specific product or to the totality of the production.

A tool for achieving carbon neutrality are certified carbon credits; their purchase supports national and international sustainable development projects, allowing the offset of CO₂ emissions of a specific entity.

Hydra Power Project in Andhra Pradesh

After 2 years of studying and measuring our own emissions, a process that led us to the realization of our Life Cycle Assessment (LCA) and Environmental Product Declaration (EPD), we have decided to take a another step.



Thanks to the support of Carbonsink, a company specialized in net-zero decarbonization and climate risk management strategies, we have decided to proceed with the voluntary purchase of certified carbon credits generated by a renewable energy project in the Andhra Pradesh district of India.

These credits allow us to offset the CO₂ emissions related to the production of Green Cast®. The project involves the gradual installation of six hydroelectric units, each with a capacity of 39MW, for a total installed capacity of 234 MW.

The project allows for:

- the generation of hydroelectric power in the district
- the replacement of the previous power plant, fuelled mainly by fossil fuels, drastically reducing the emissions released into the atmosphere
- the creation of new job opportunities for the local community
- the creation of new road infrastructures to reach the most remote areas of the project.