



CEMZERO
Green Eco Mix Solutions
for the Cement Industry

MIX/SOLUTIONS

CONTRIBUTION TO THE DECARBONIZATION OF THE CEMENT INDUSTRY

IPIAC, Intends to contribute with a "MIX" of solutions, to make the cement sector decarbonized with solutions that will save on the energy consumption in order to reduce the level of emissions. Reduction of the clinker factor and capture of emissions by reusing to produce value-added products.

The "MIX" make cement plants sustainable.



- Up to 50% clinker substitution by Calcined Clay on the Cement Production
- GGE emission reduction (Up to 38%)
- Fuel Reduction/ Cost Reduction



- Optimized Combustion by Hydrogen
- Fuel Reduction
- GGE Emission Reduction

GEMS

GREEN ECO MIX SOLUTIONS FOR THE CEMENT INDUSTRY



- CCU - Carbon Capture Use Capture of CO₂ with transformation on products of added value
- Emissions Reduction (Up to 99%)
- Transformation into Commercial Products

The "MIX" of solutions will allow cement plants to achieve a high degree of decarbonization, with a substantial cost reduction

Set of benefits, based on the innovation, make processes more efficient

- ▶ Reduction of energy consumption
- ▶ Obtain gains by selling products resulting of CO₂ capture (CCU)
- ▶ Reduction of emissions cost (carbon credits)

ENVIRONMENT CLIMATE PROTECTION REQUIRES INNOVATION AND COOPERATION

