



## Project INTODOL: CO<sub>2</sub> sequestration using dust Of hydrated **DOLomite** (INTODOL)

Hydrated fines generated in the refractory production processes will be reincorporated back into the production process itself as a raw material and, given the use of limestone as a CO<sub>2</sub> sorbent, evaluate its efficiency as a direct carbonation capture reagent in contact with the tunnel kiln chimney gases.

Project activities are oriented toward the research of a chemical-physical method that allows CO<sub>2</sub> to be captured in such a way as to provide the regenerated material with the necessary reactivity characteristics needed to be able to return it as a usable raw material, without affecting the quality and specifications of the products marketed by INTOCAST.

### PROJECT GRANTED BY



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