

Carmeuse Carbon Capture and RNG Project

- Electrochaea's biomethanation technology will enable a project at Carmeuse's lime production facility in Belgium, announced in December 2020.
- Traditional lime production results in significant emission of CO₂.
- Carmeuse will be responsible for the construction, commissioning and operation the new type of lime kiln, which allows for a concentrated CO₂ stream.
- Belgium-based engineering firm John Cockerill will be responsible for the design, engineering, construction and commissioning of a large electrolyzer plant (75 MW) at an ENGIE site in the region of Charleroi, with key elements manufactured by John Cockerill.
- ENGIE will own and operate the electrolyzer plant that will produce the green hydrogen. Storengy, ENGIE's affiliate, will be in charge of the construction and operation of the methanation process.

