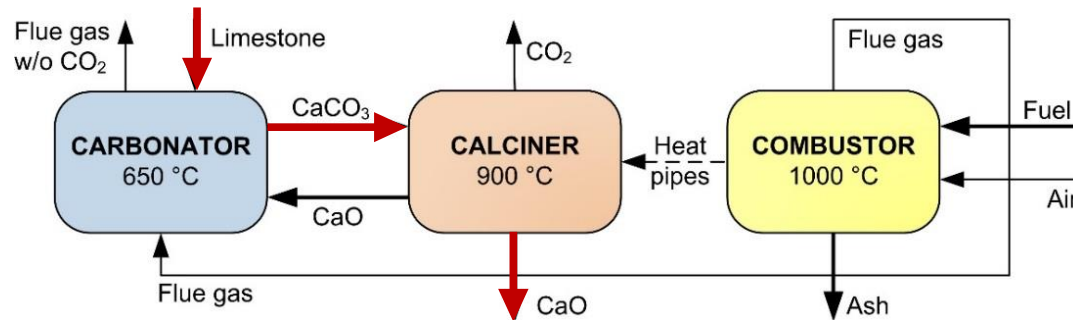


ANICA - Advanced Indirectly Heated Carbonate Looping Process

Innovative process for CO₂ capture from lime and cement plants



- **No air separation unit (ASU) needed**
- Using synergies of both processes by **integration of heat and mass streams**
- **High CO₂ purity** in separated gas stream

Main objectives

- Reduce CO₂ avoidance costs compared to state-of-the-art technologies
- Aiming net negative CO₂ emissions
- Pilot testing in 300 kW_{th} plant under realistic industrial conditions