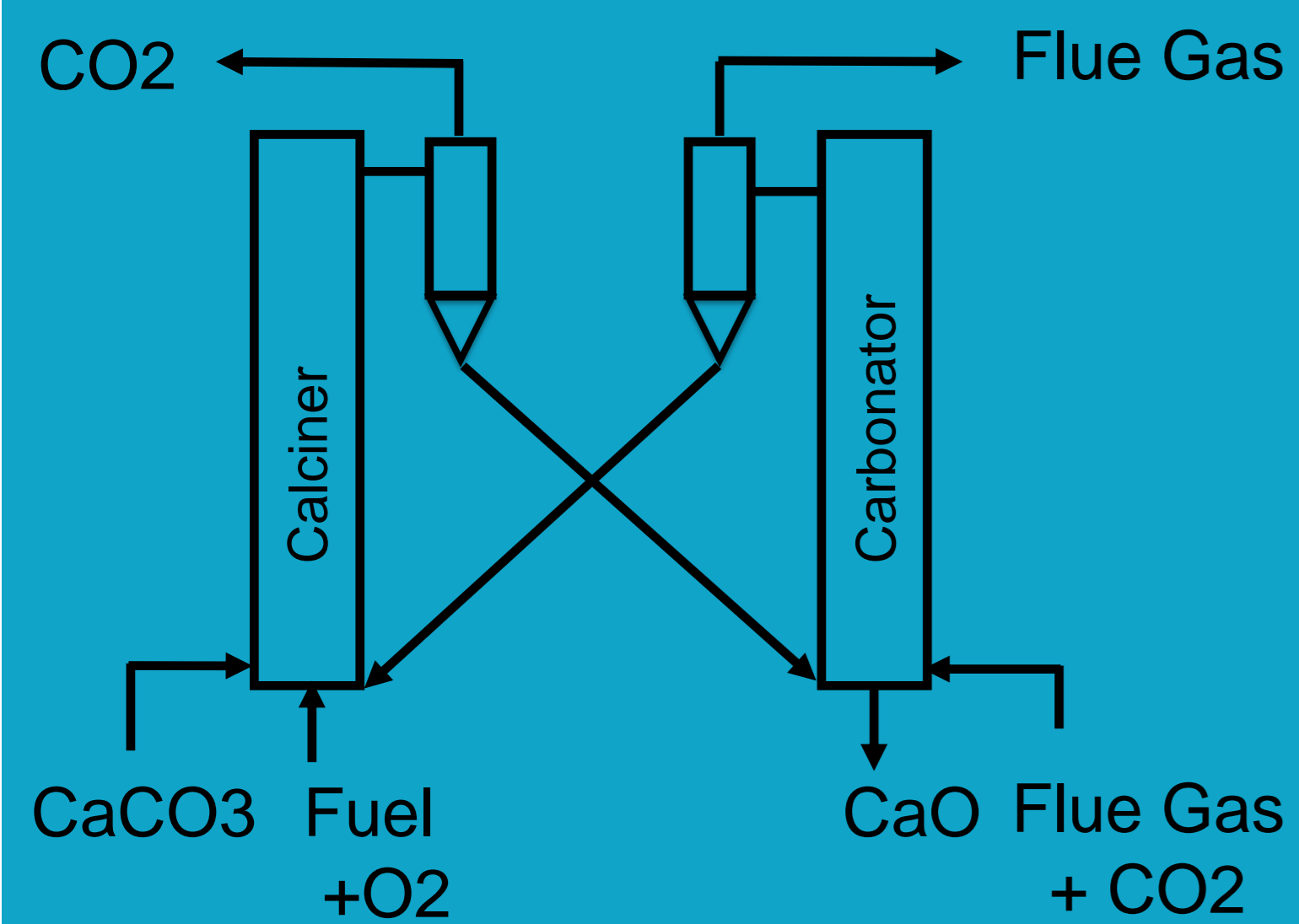


# WP2 - Engineering and design of the demonstration plant



*CLEANKER is a Horizon 2020 project with the ultimate objective of demonstrating the applicability of the calcium looping (CaL) process to the cement production.*



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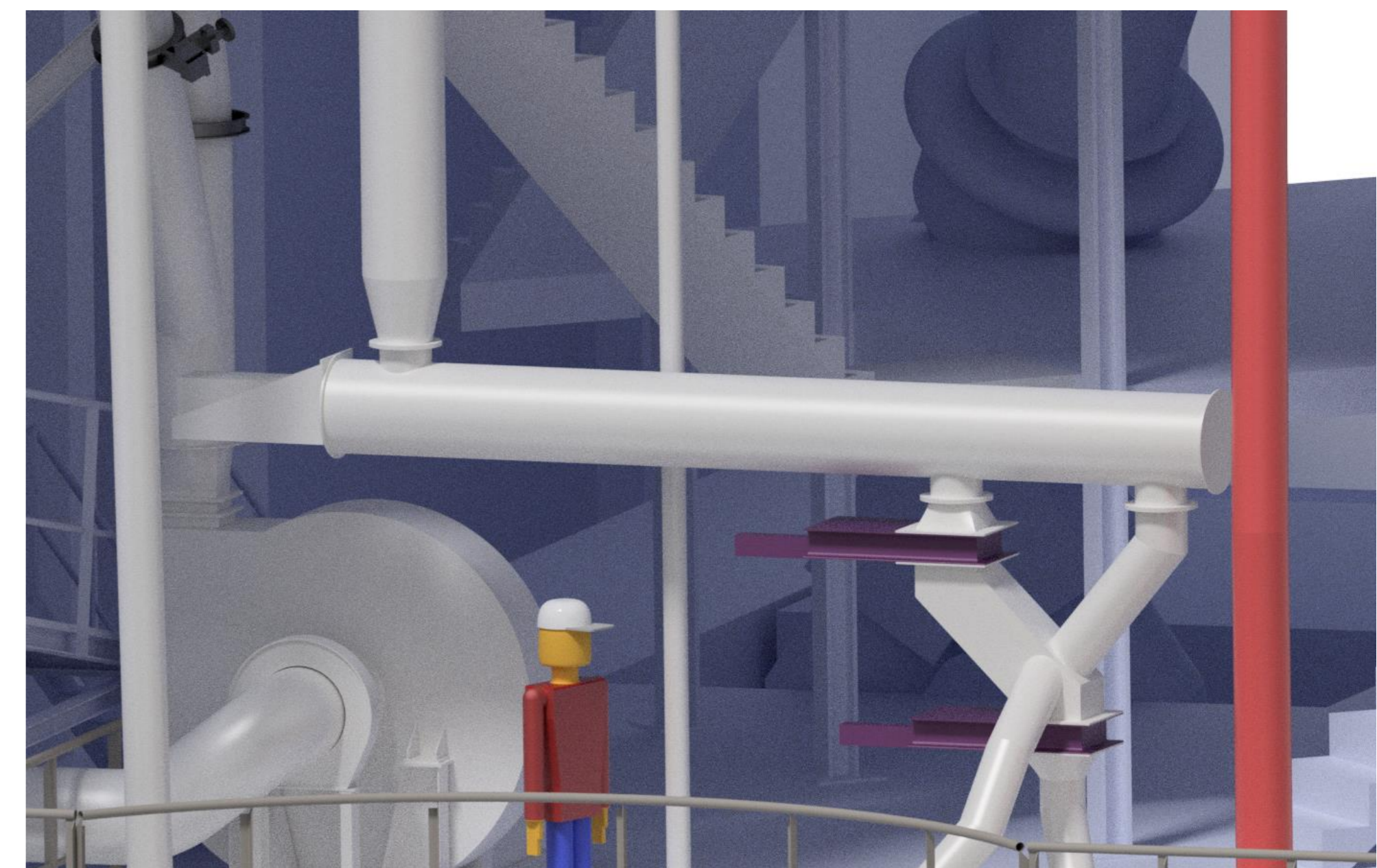
## Plant Layout

Basic Data:

- Overall Height 75m
- Entrained Flow
- Carbonator 105 m
- Calciner 45 m
- Material feed 10 t/h
- Gas speed 15 m/s

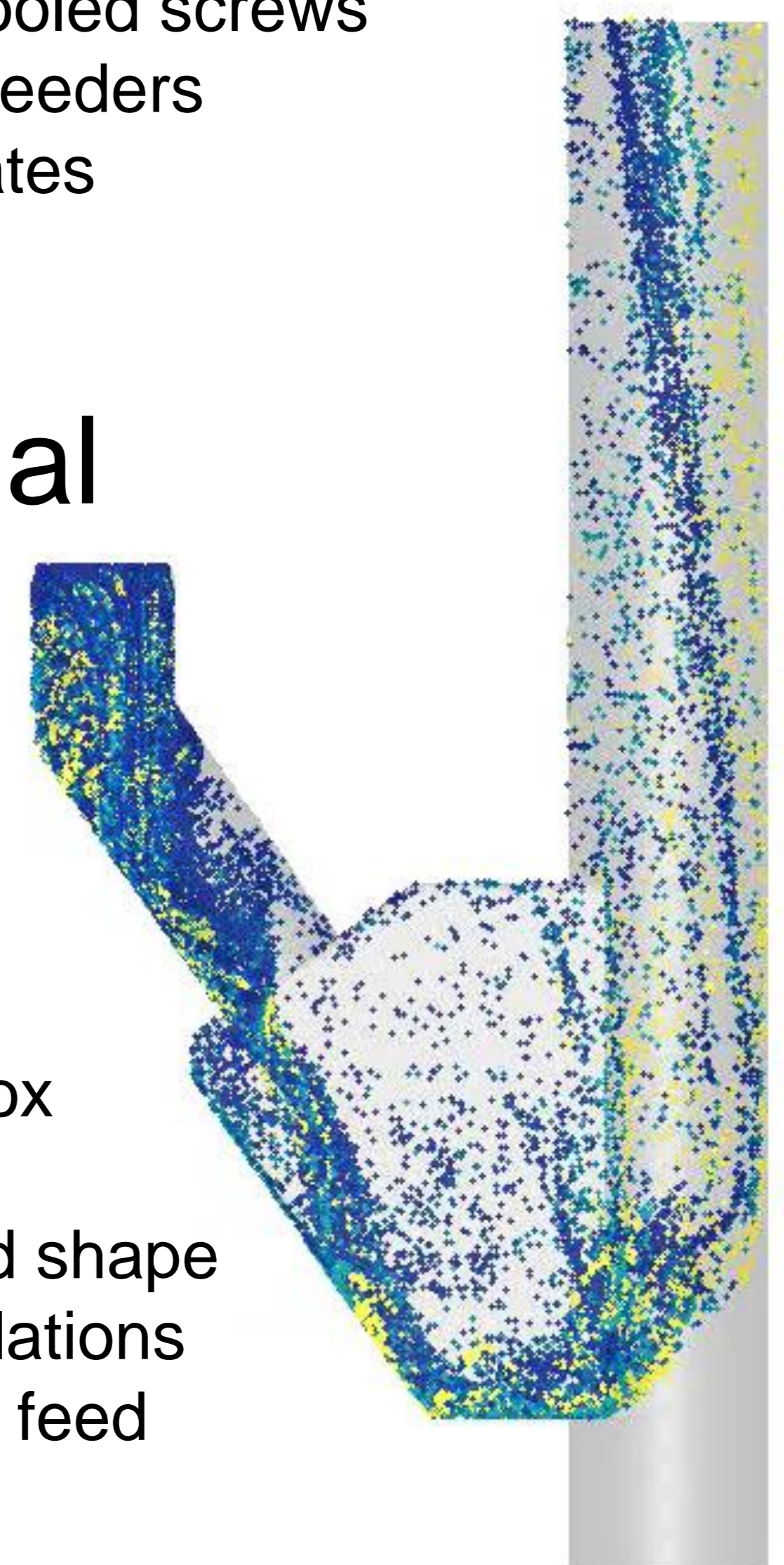


## Material Transport



- Watercooled screws
- Rotary feeders
- Slide gates

## Material Feed



Splash box

- Modified shape
- Recirculations
- Uniform feed

