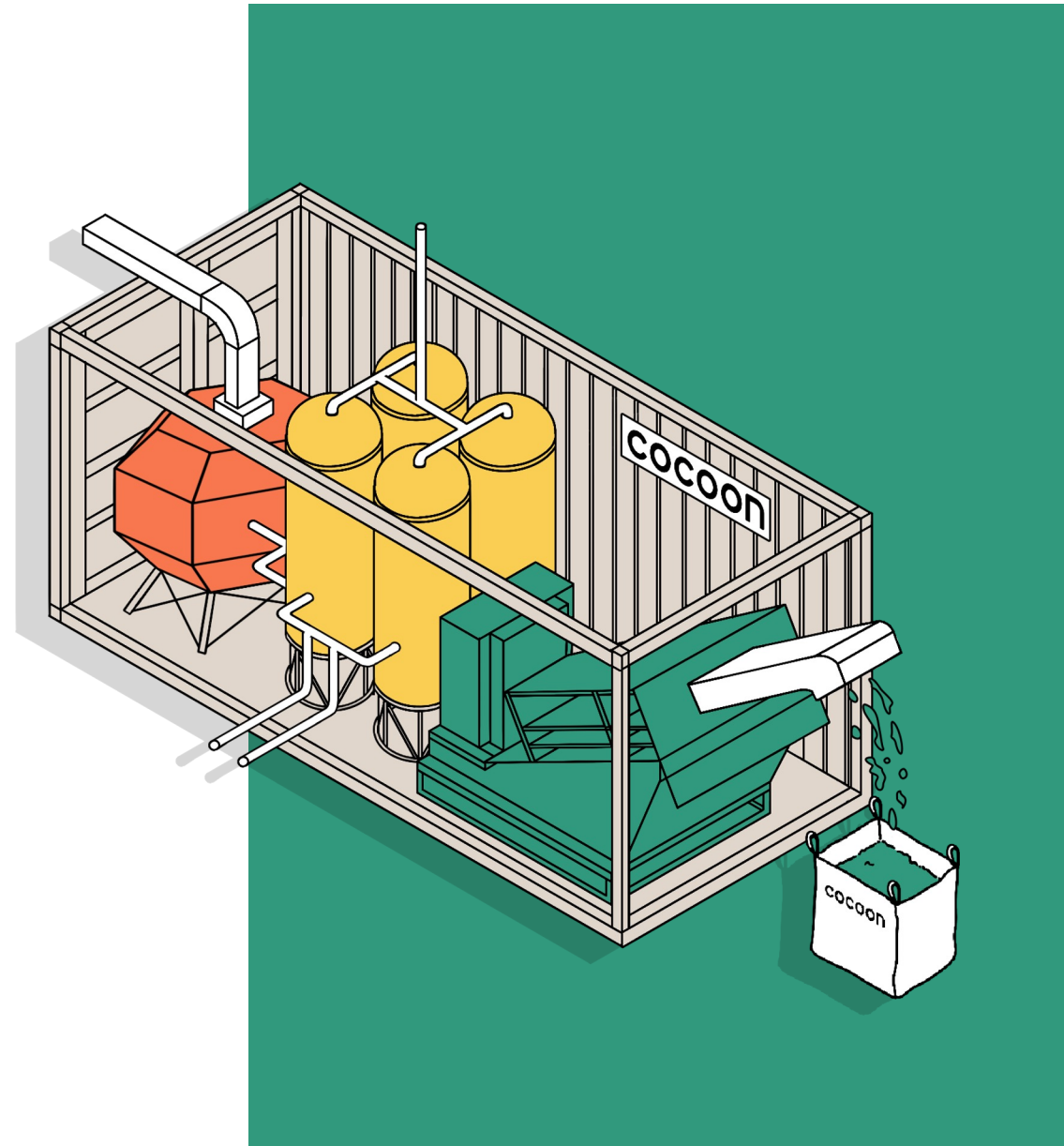


# COCOON

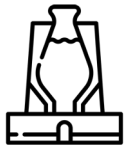
Green steel, clean cement

Carbon capture for heavy industry; low-carbon construction materials for the builders of tomorrow



OPPORTUNITY

# Steel decarbonization creates huge headaches for the cement industry



Blast furnace  
Decline ▼



Supplementary  
Cementitious Material  
c. \$125 / tonne

- ✓ Vital for cement
- ✓ High demand

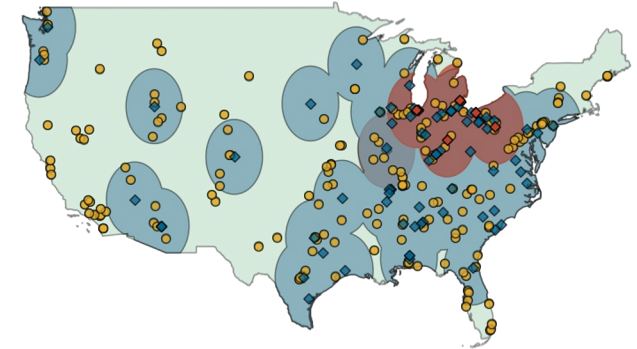


Electric arc  
furnace  
3x by 2050 ▲

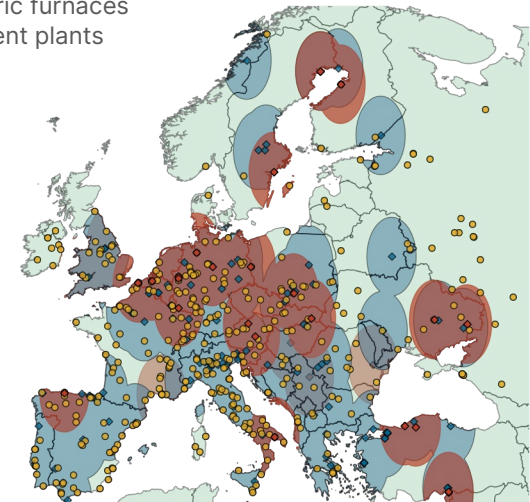


Landfilled or  
Aggregate  
c. \$0-10 tonne

- ✗ Unfit for cement
- ✗ Low impact

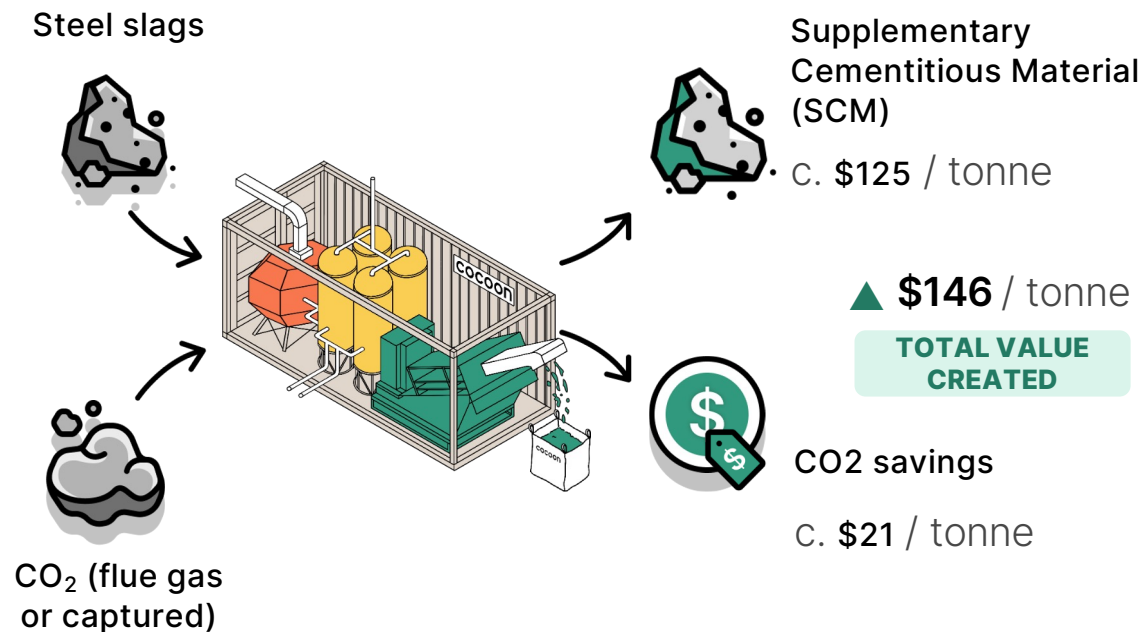


- ◆ Blast furnaces
- ◆ Electric furnaces
- Cement plants



## SOLUTION

# Slag upcycling technology for *greener steel & cleaner cement*



SCM = Supplementary Cementitious Material

### Advantages to manufacturers:

- Up to 20% reduction in emissions from steel and easily integrated
- Increasing the profit from an average furnace by \$9 million per year
- At scale, consistent supply of carbon neutral SCM

### Traction:

- \$5m from leading investors, \$1m in grant funding
- Proof of concept completed with leading US steel manufacturer