

29 février 2024

**prefer**   
SIMPLY CONCRETE

**CO<sub>2</sub>ncreat**





CONcreat

# Innovation # Partenariat industriel # Décarbonation # Economie circulaire

# Un bloc de maçonnerie innovant

PREFER « D Type »



**Bilan carbone : + 90 kg CO<sub>2</sub> / t**

remplacement



Bloc CO<sub>2</sub>ncrEAT



**Bilan carbone : + 30 kg CO<sub>2</sub> / t**



Empreinte carbone négative  
- 70 kg CO<sub>2</sub>/ton

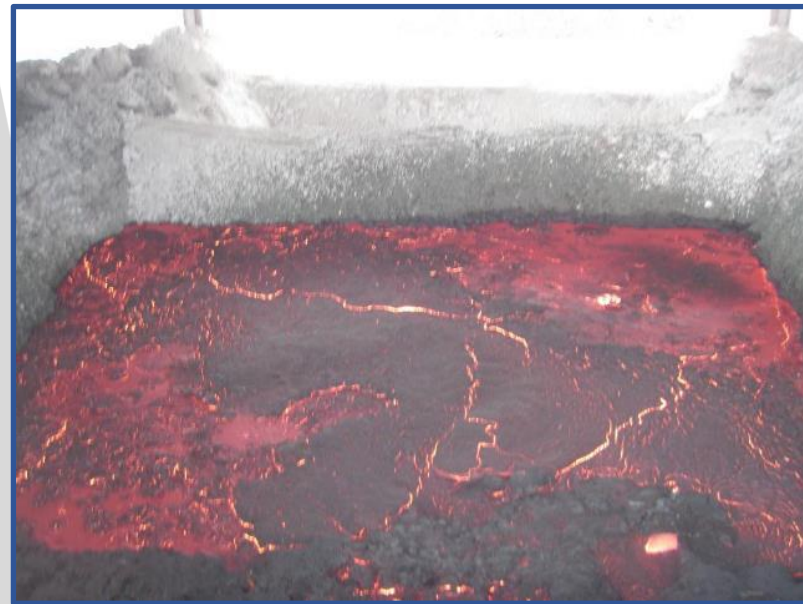
**Emissions de CO<sub>2</sub> évitées : - 90 kg - 70 kg = - 160 kg/T**

# Matière première circulaire

Partenaire



Récupération et refroidissement des scories



Broyage et séparations



Carbinox ®



# Technologie brevetée

Partenaire



CARBSTONE | INNOVATION

Carbinox ®

Chambre de carbonatation

Blocs de maçonneries à  
empreinte carbone négative



+



Hydrated lime



# Pourquoi CO<sub>2</sub>ncrEAT est unique ?

Partenaire



Utilisation directe du CO<sub>2</sub> depuis la source

[CO<sub>2</sub>] = 20 %

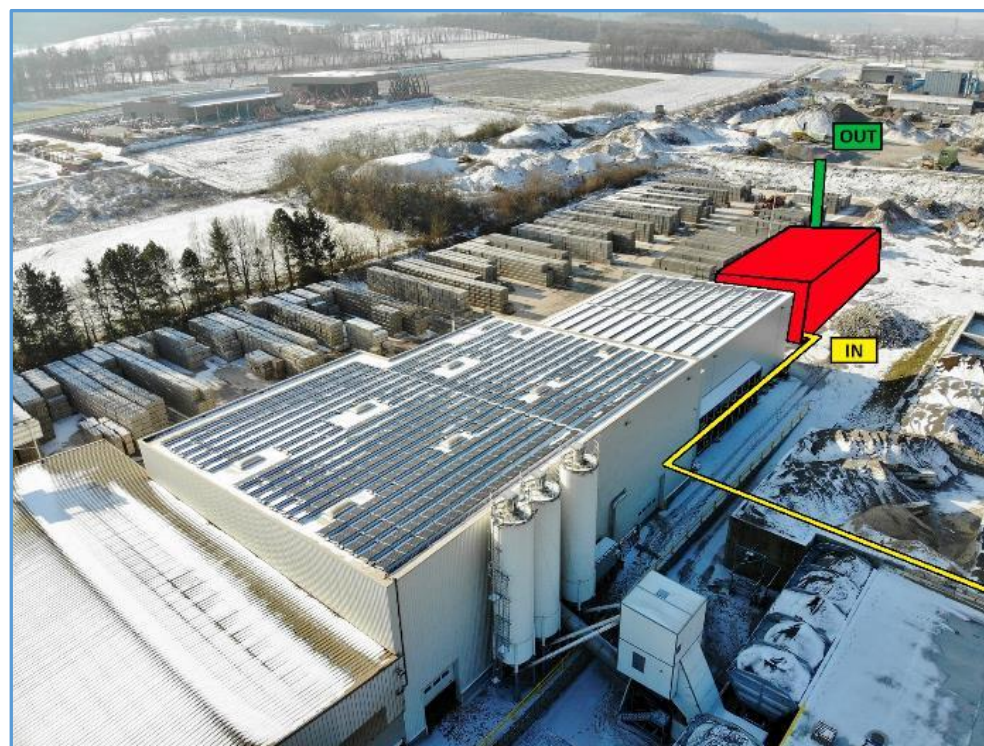
# Pourquoi CO<sub>2</sub>ncrEAT est unique ?

Partenaire



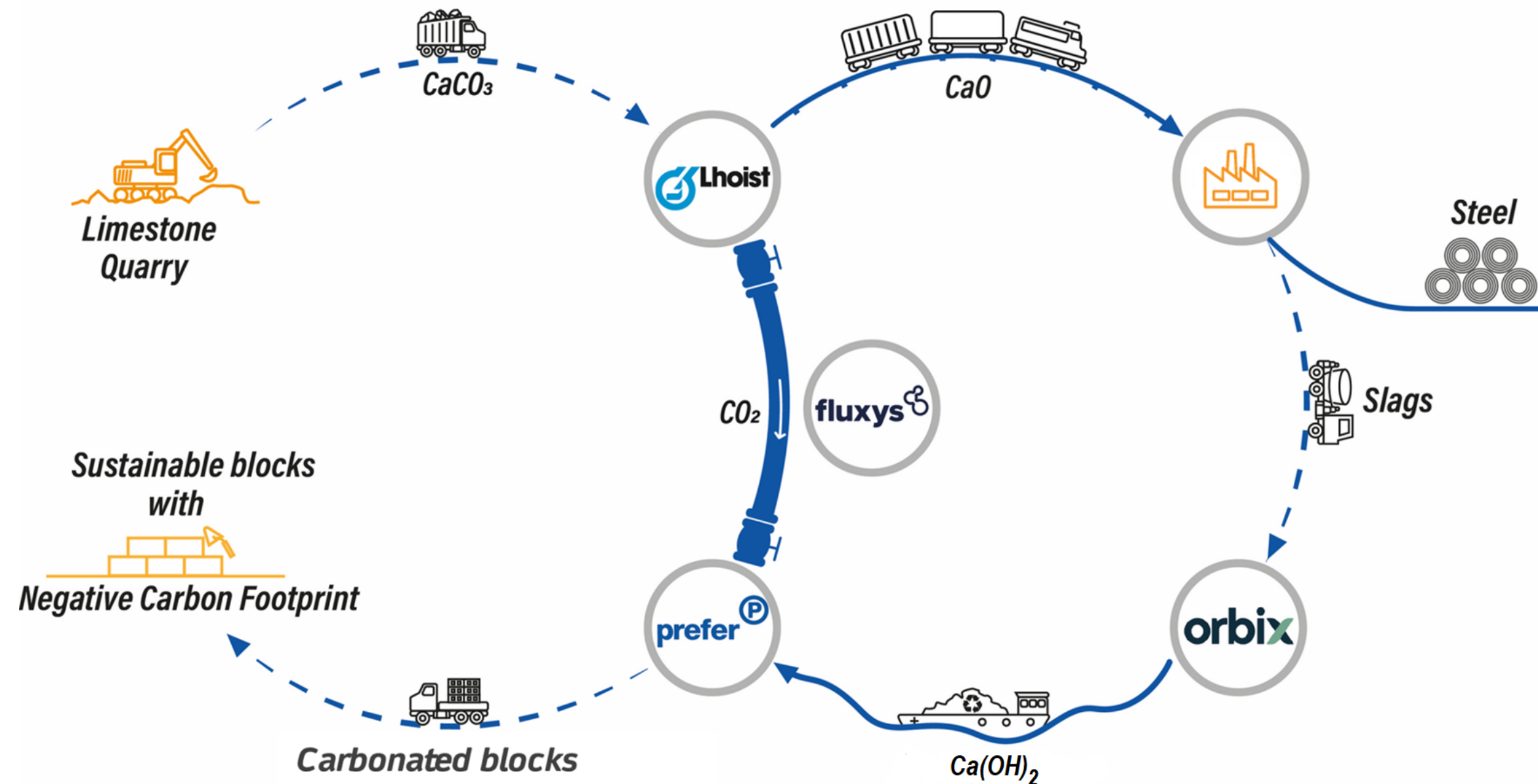
Transport des fumées via pipeline

Site de production de Prefer



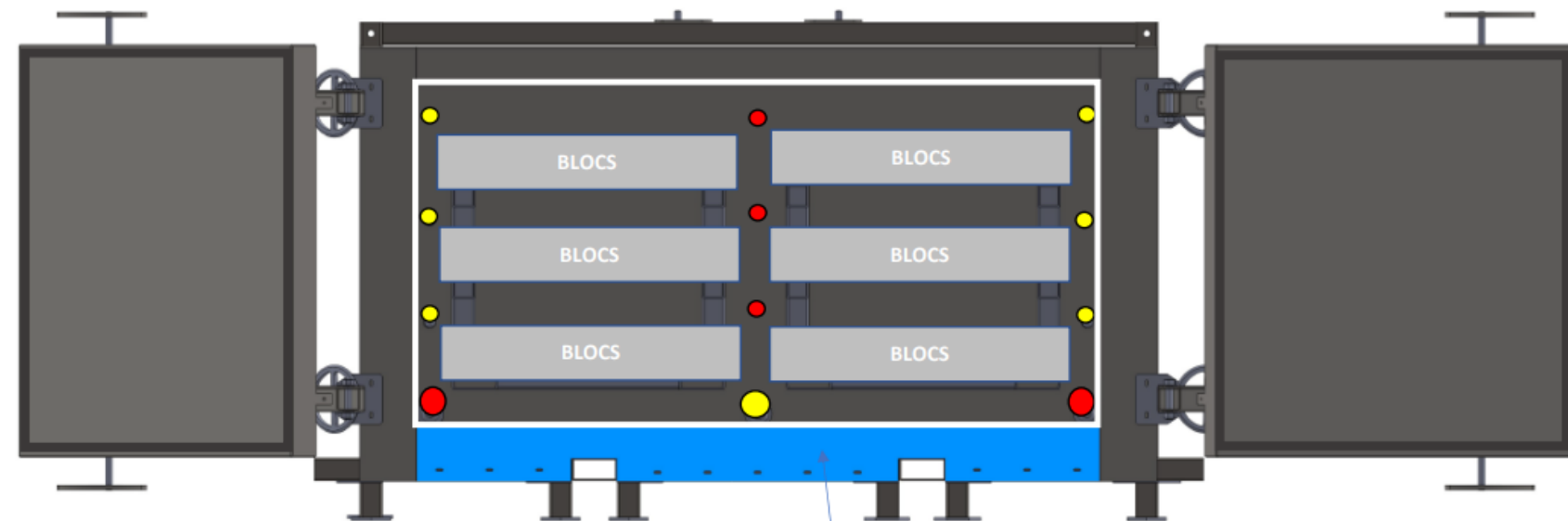
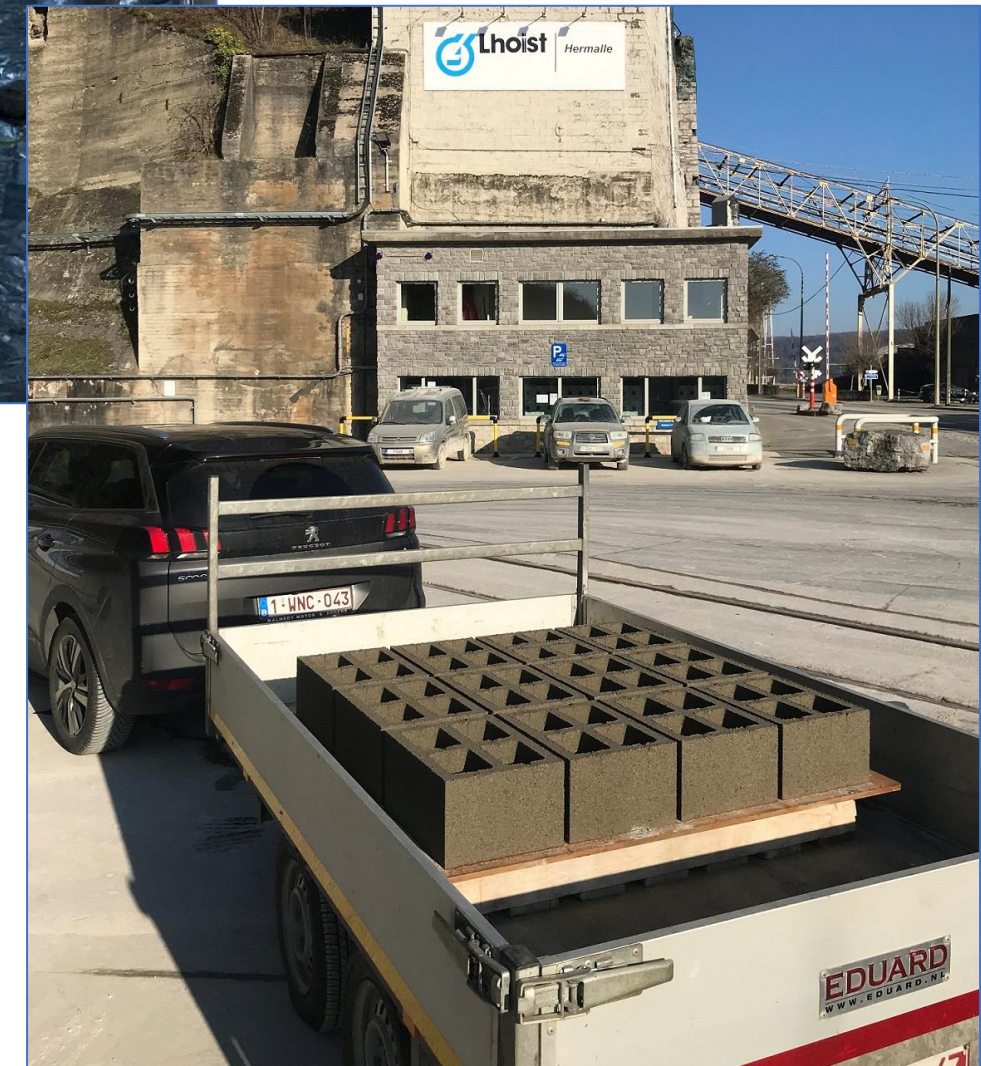
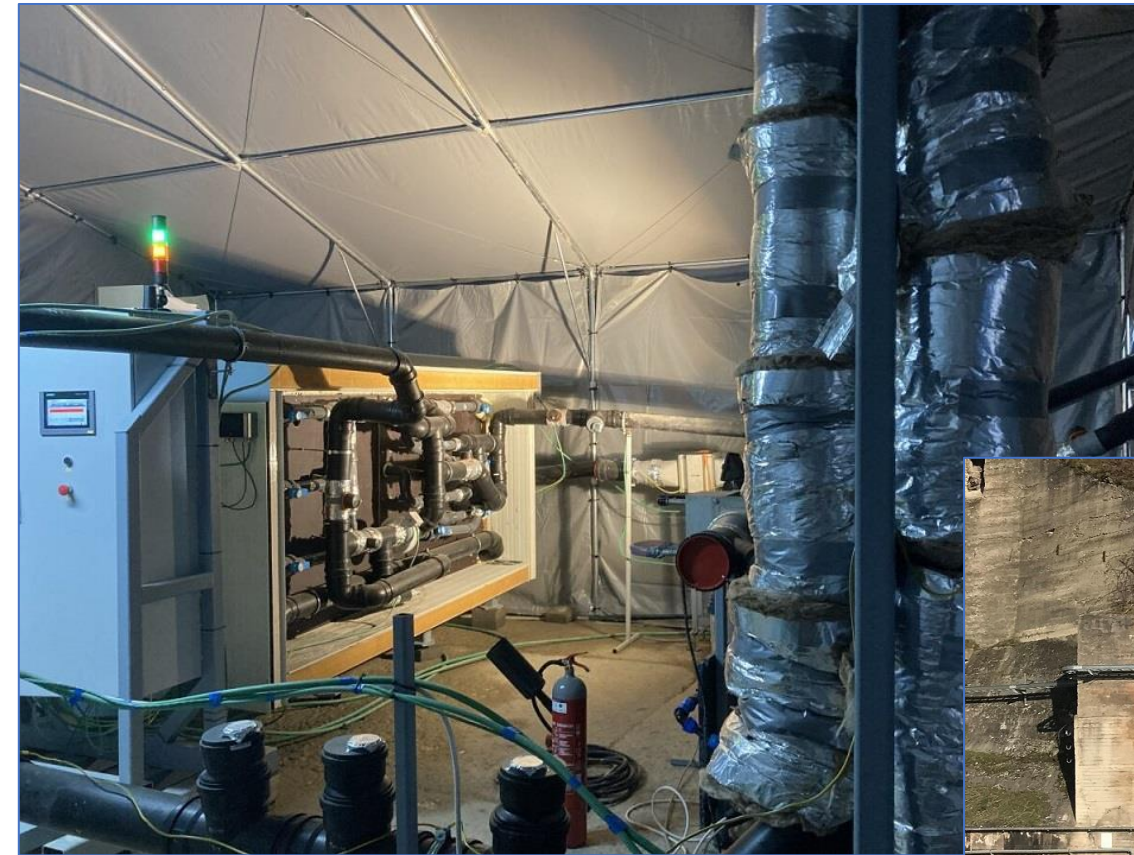
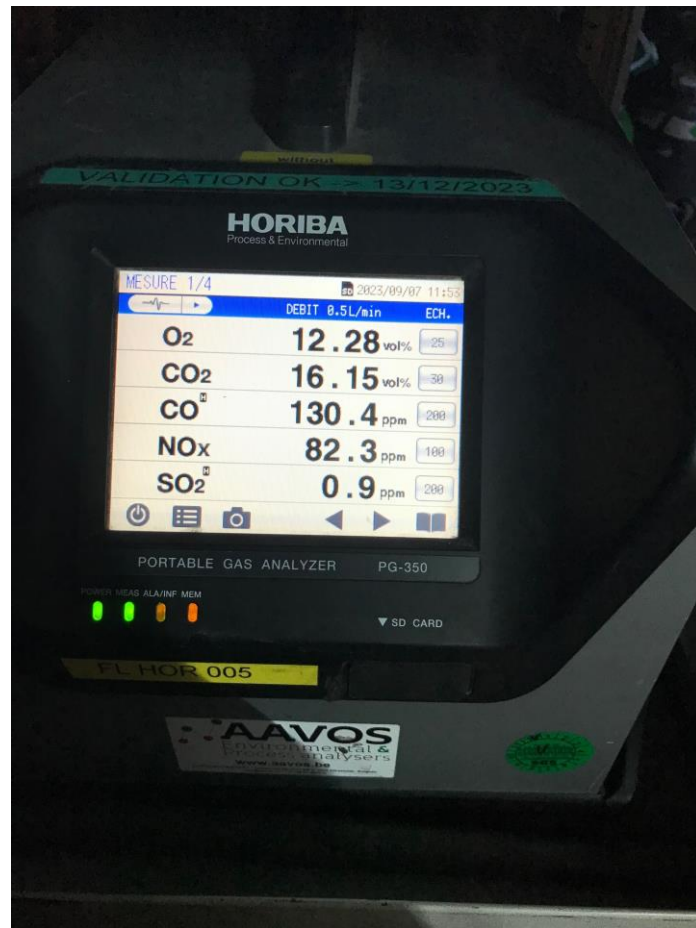
# Projet circulaire et local

La double circularité de la chaux

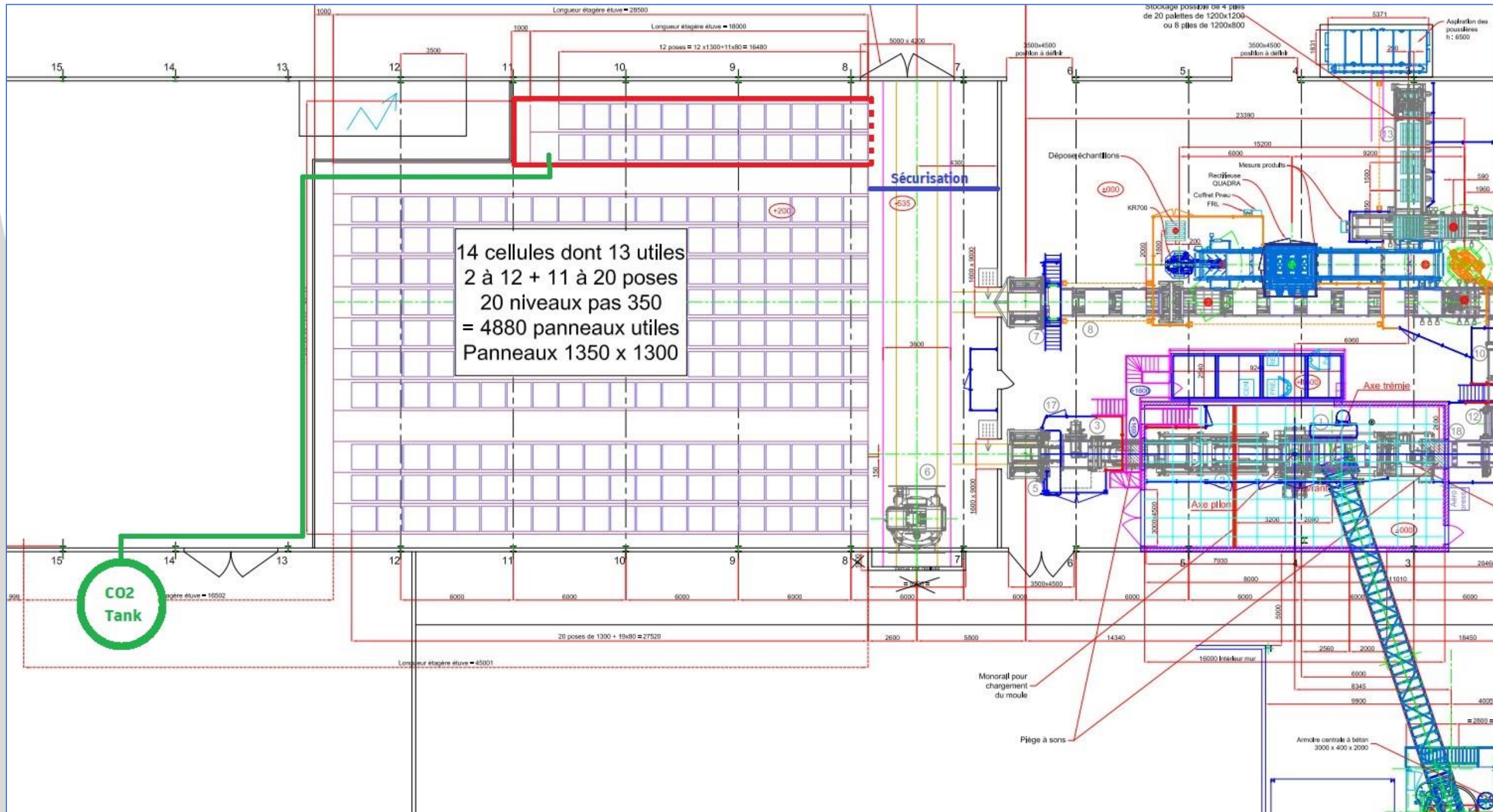




# Tests pilote – petite échelle



# Tests pilote – grande échelle



# Industrialisation

Capex estimé : 9.000.000 €

Subside Européen  
4.460.000 €

Partenaires CO<sub>2</sub>ncrEAT  
4.540.000 €



#InnovationFund

## Innovation Fund

Second call for small-scale projects

**SECTORS**  
Renewable energy  
Energy-intensive industries  
Carbon capture, use and storage  
Energy storage

**PROJECT SIZE**  
Total capital expenditure between €2.5 and €7.5 million

**GRANTS**  
€100 million from EU Emissions Trading System

**DEADLINE FOR APPLICATIONS**  
31 August 2022



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**Merci**

