

29 février 2024



prefer
SIMPLY CONCRETE

Concreat



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Innovation # Partenariat industriel # Décarbonation # Economie circulaire

Un bloc de maçonnerie innovant

PREFER « D Type »



Bloc CO₂ncrEAT



Bilan carbone : + 90 kg CO₂ / t

remplacement
→

Bilan carbone : + 30 kg CO₂ / t



Empreinte carbone négative
- 70 kg CO₂/ton

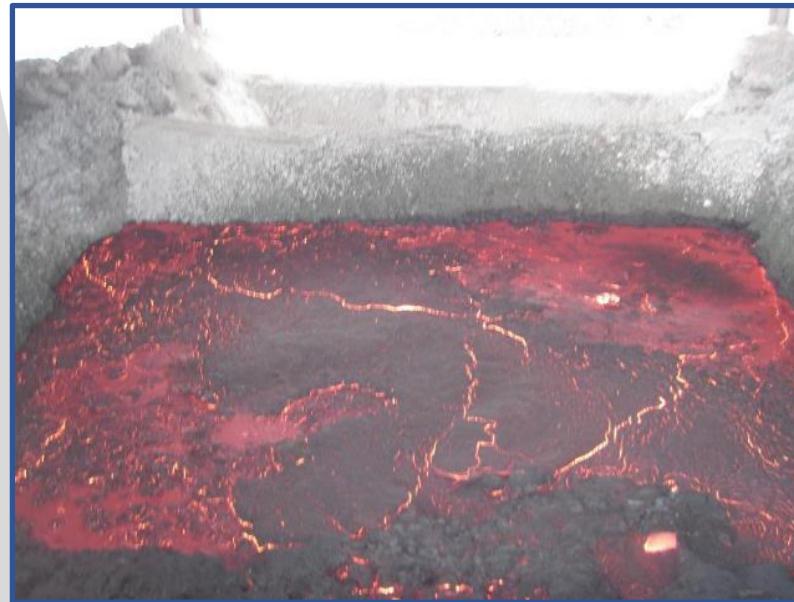
Emissions de CO₂ évitées : - 90 kg - 70 kg = - 160 kg/T

Matière première circulaire

Partenaire



Récupération et
refroidissement des scories



Broyage et séparations



Carbinox®



Technologie brevetée

Partenaire



Carbinox ®



+

Chambre de carbonatation



Hydrated lime

Ca(OH)_2

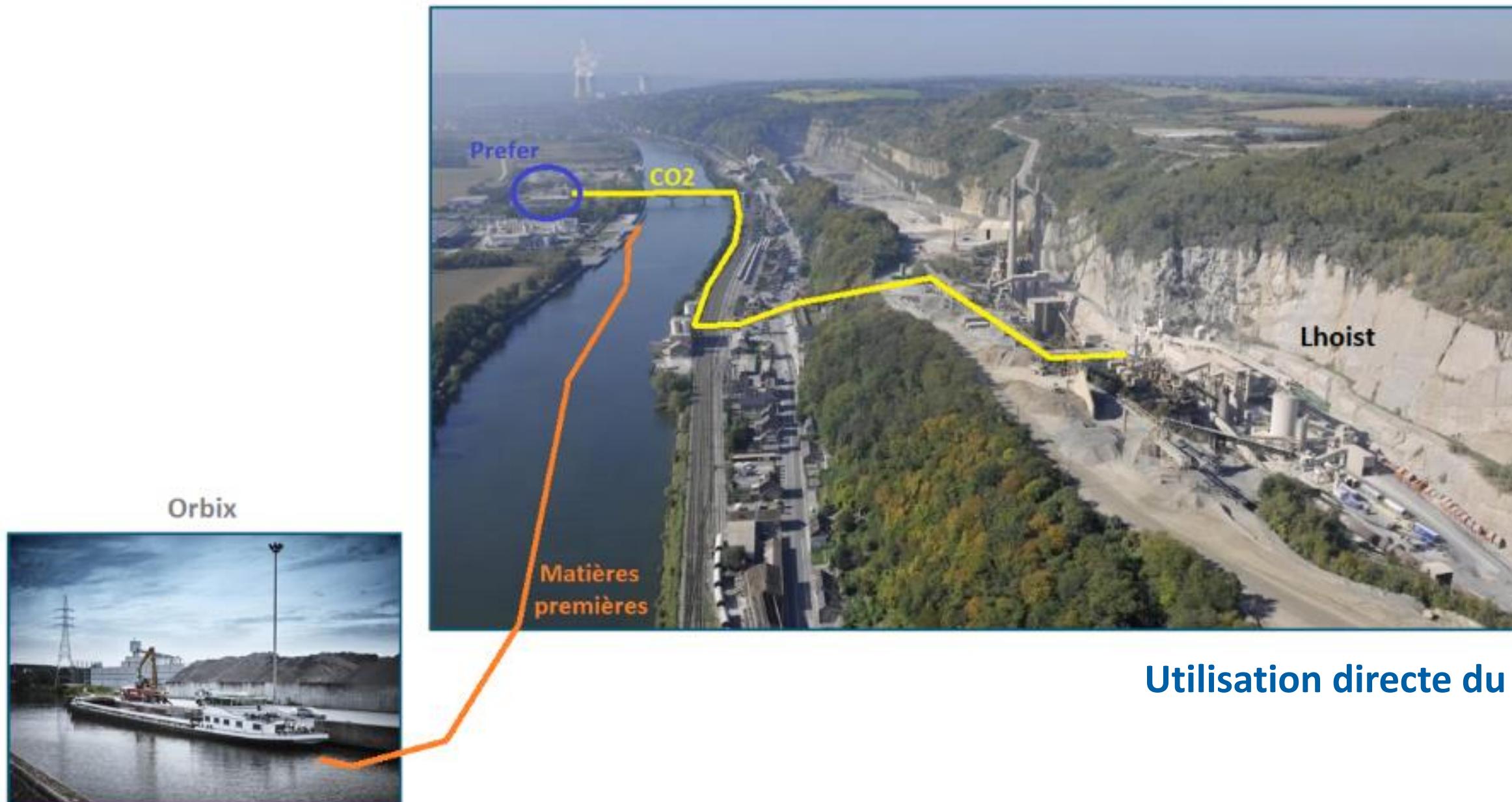
CO_2

$\text{CaCO}_3 + \text{H}_2\text{O}$

Blocs de maçonneries à
empreinte carbone négative

Pourquoi CO₂ncrEAT est unique ?

Partenaire

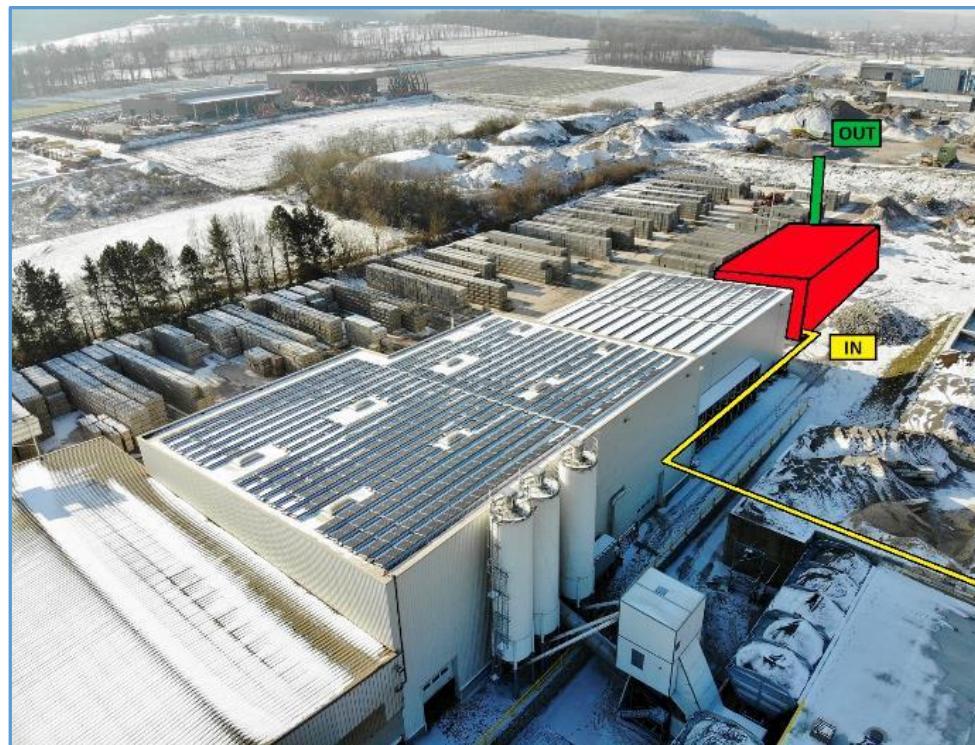


Pourquoi CO₂ncrEAT est unique ?

Partenaire



Site de production de Prefer

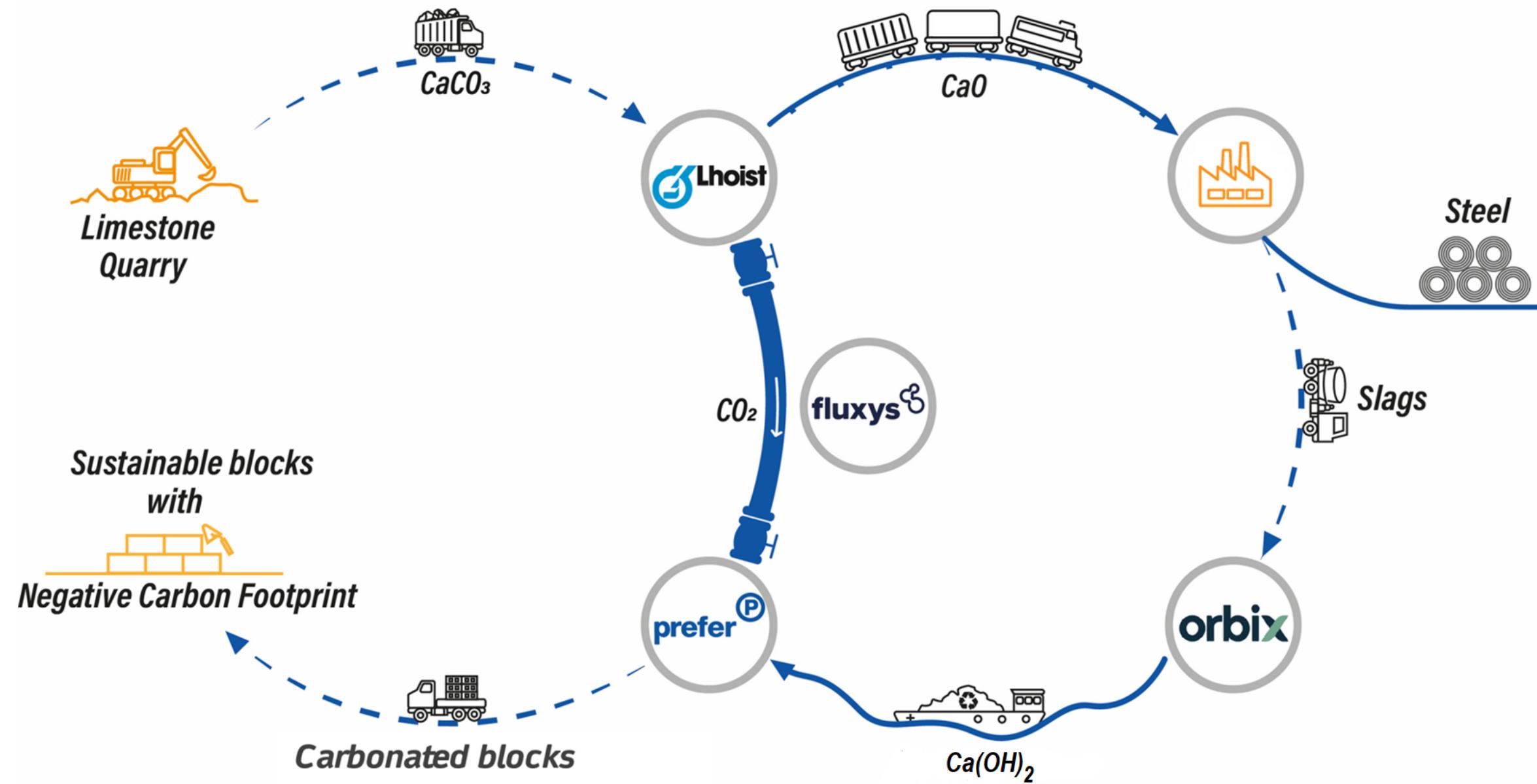


Transport des fumées via pipeline

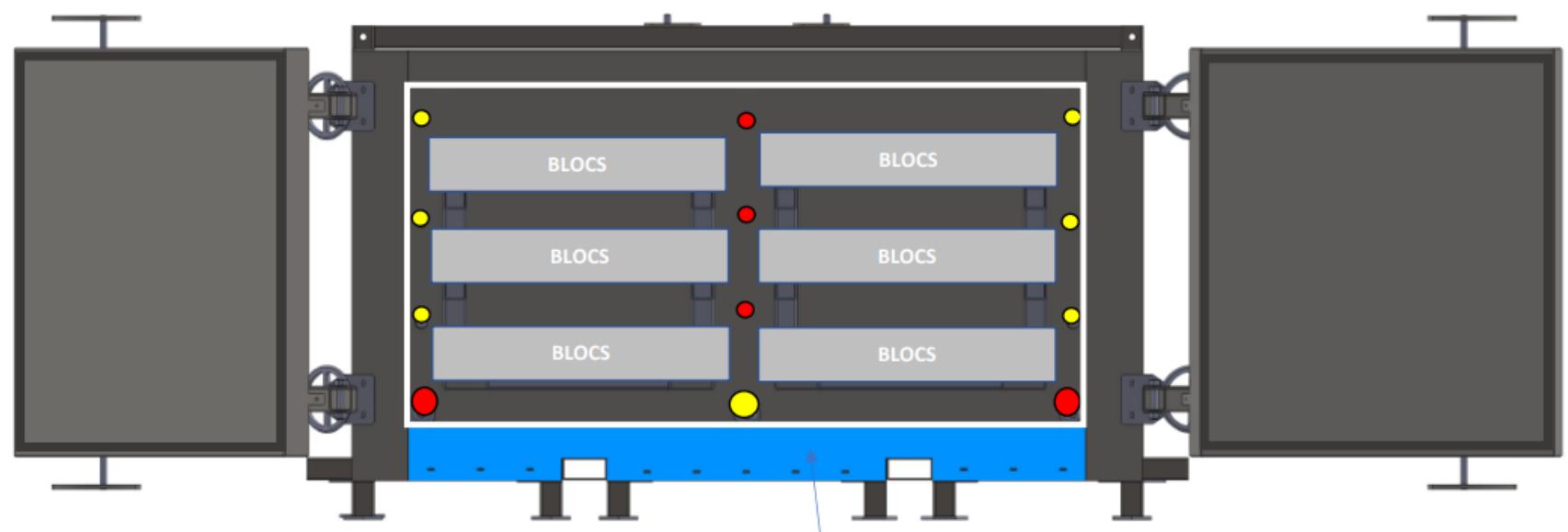
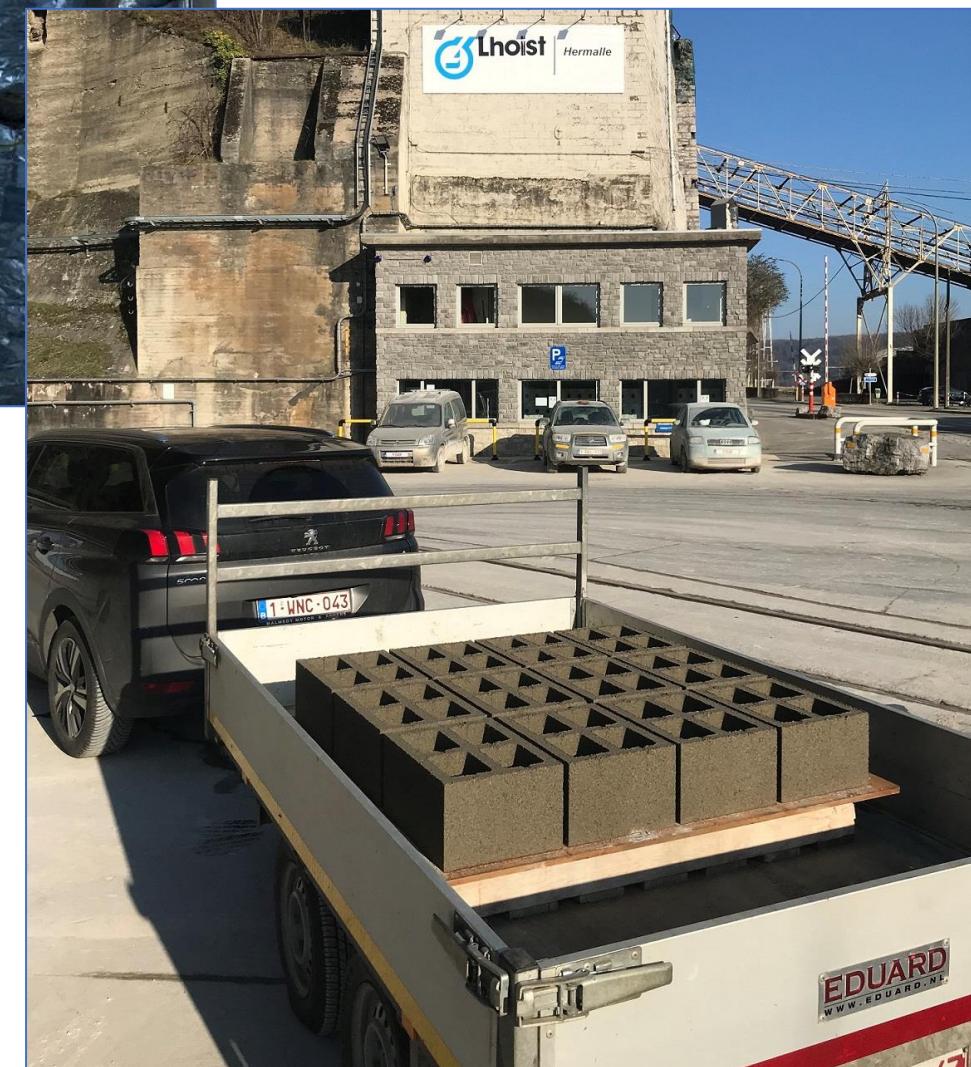
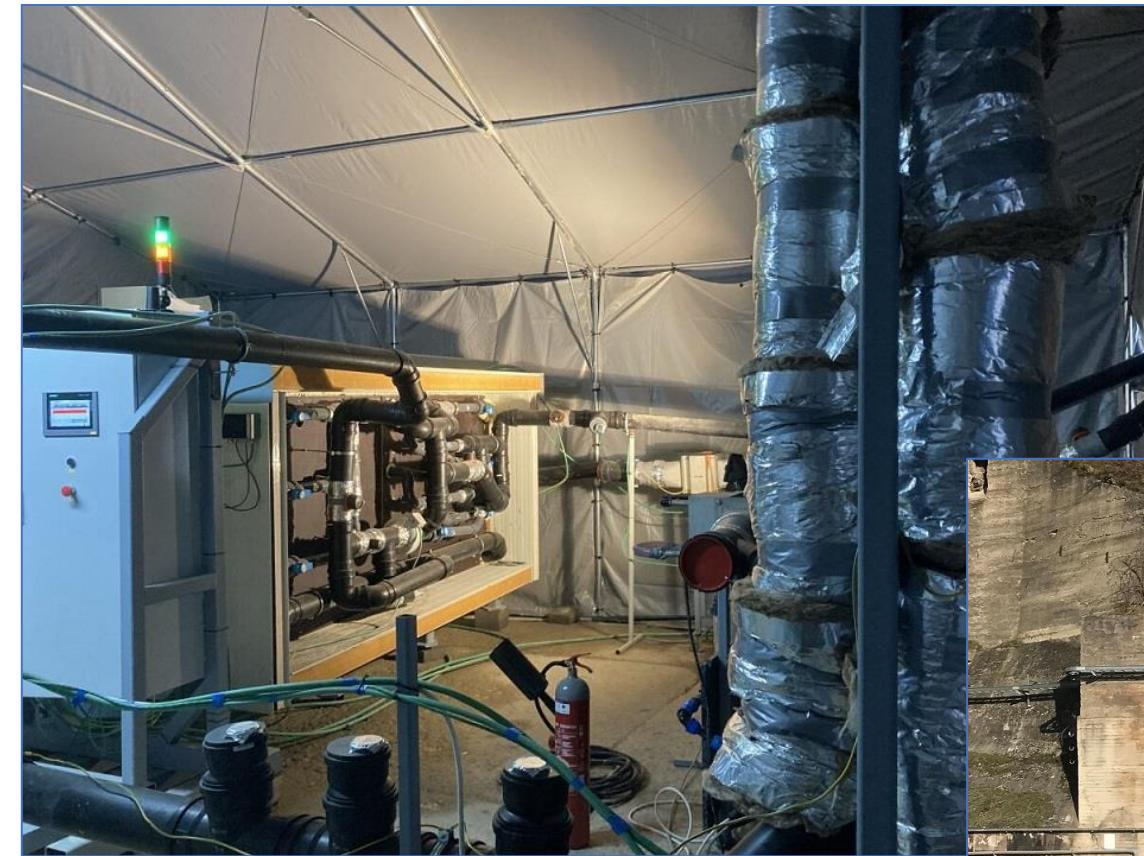


Projet circulaire et local

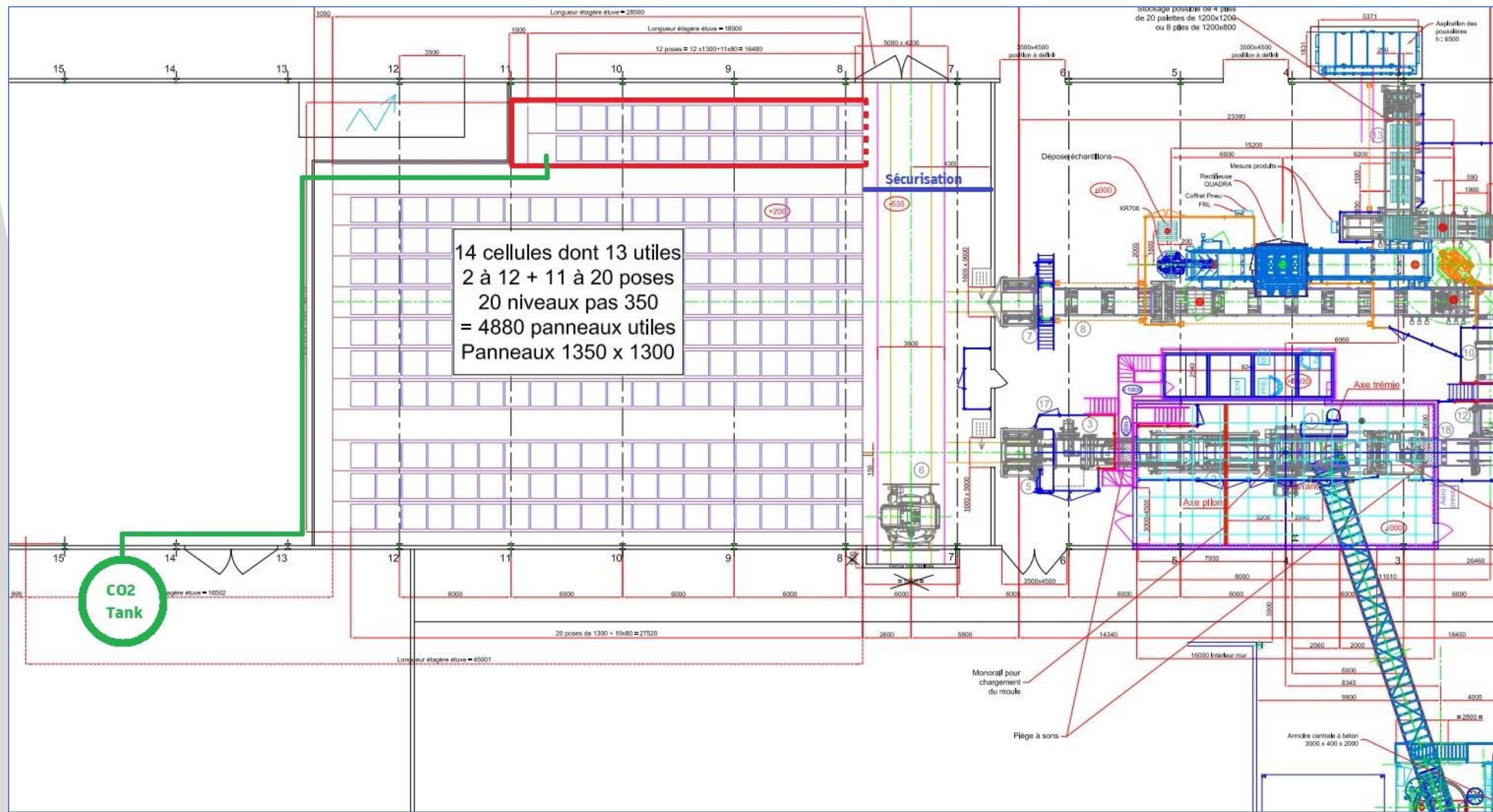
La double circularité de la chaux



Tests pilote – petite échelle



Tests pilote – grande échelle



Industrialisation

Capex estimé : 9.000.000 €



Subside Européen
4.460.000 €

Partenaires CO₂ncrEAT
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

fluxys

orbix

Lhoist

prefer^P
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Merci

