



# Sustainable Construction Strategy



# ACTING FOR THE CLIMATE : VINCI's commitment

**REDUCE  
DIRECT  
GREENHOUSE  
GAS EMISSIONS BY  
40 %  
BY 2030\***

\*compared to 2018.

**REDUCE  
INDIRECT  
EMISSIONS  
BY 20 %  
BY 2030\***

\* Compared with 2019 levels

**MAKE OUR  
STRUCTURES AND ACTIVITIES  
MORE RESILIENT  
TO CLIMATE  
CHANGE**

# MAJOR LEVERAGES IN REDUCING OUR CARBON FOOTPRINT

**CONCRETE** will become a **MATERIAL OF THE FUTURE** if its global footprint is reduced.

LEVERAGE

Reduce quantities  
of concrete

**OPTIMIZED USE**



Decarbonising the cement  
manufacturing process

**HEATING /  
DECARBONATION**



**-30% CO2 by 2030**  
for cement  
industry

Decarbonising the  
concrete material

**CLINKER  
SUBSTITUTION**



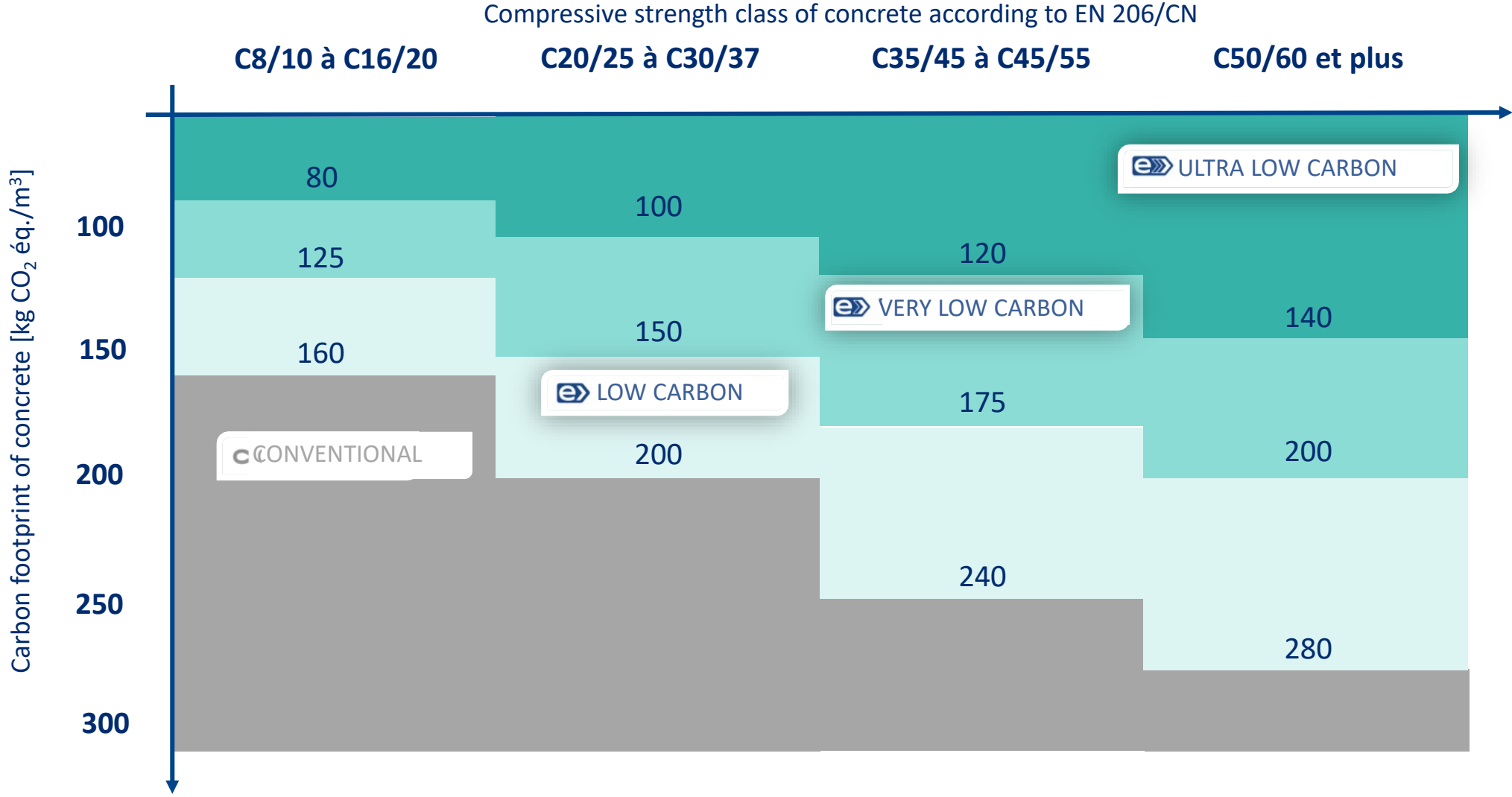
**OBJECTIVE**

**90 %**

**LOW CARBON  
CONCRETE  
BY 2030**

VINCI Solution

# COMMON STANDARD FOR LOW CARBON CONCRETE



**Exegy Standards** (Low Carbon [BC], Very Low Carbon [VLC], Ultra Low Carbon [UBC])  
 based on equivalent CO<sub>2</sub> emissions and 28-day compressive strength, measured on a cylindrical sample..



### 3 Advantages of wood

- Carbon sequestration throughout its growth
- CO2 storage
- Substitution for other materials
- + Dynamic LCA makes wood have a **complementary positive effect** in the GHG calculation
- Wood integration contributes to achieving the decarbonization goals of structures

# VINCI Construction's Gems to massify and scale up

**exeGY**

LOW CARBON HIGH QUALITY



**arbonis**



# Site Feedback: It Works!



EDENN (Nanterre)

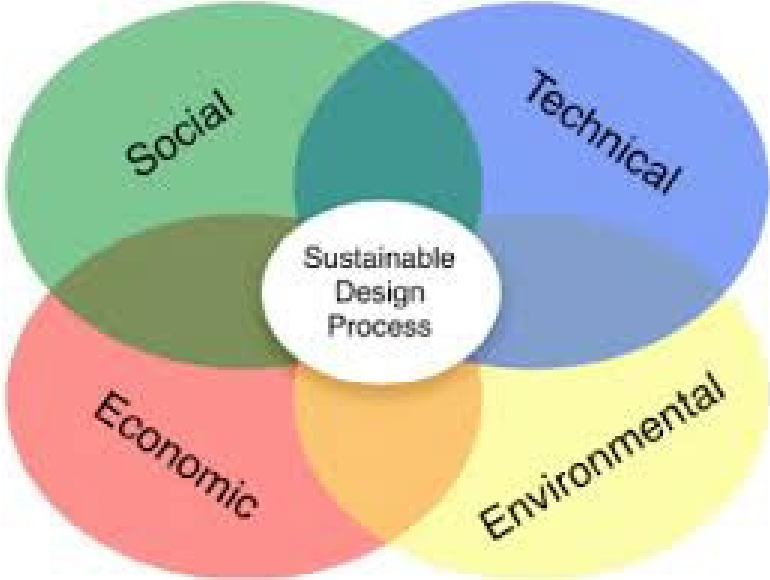


RÉSIDENCES BEL AIR 930  
Saint-Priest (69)



TOUR SILVA  
Bordeaux (33)

# BUILD A LOWER-CARBON BUSINESS ECOSYSTEM



Source : <https://www.wavestone.com/en/insight/business-ecosystems/>





# ADAPT AND DO WITH THE EXISTING BASED ON HUMAN RESOURCES

Short Term



# SUPPORT INDUSTRY TO LEVERAGE DECARBONATION

Medium Term



# CEMENT AND WOOD SECTOR TRANSFORMATION

Long Term

