



THE COMPANY USING CCUS TECHNOLOGY TO TRANSFORM THE BUILT  
ENVIRONMENT INTO ONE OF EARTH'S GREATEST CARBON SINKS... NOW

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# Transforming the Built Environment into One of Earth's Greatest Carbon Sinks... Now

Capitalising on strong market tailwinds with advanced CCUS commercial applications in hard-to-abate and construction industries

## DISTINCTIVE TECHNOLOGY ADVANTAGE



**Award-winning technology goes beyond storage** by capturing CO<sub>2</sub> at source and accelerating natural processes to give landfill-bound industrial residues a second life as high-performing construction materials acting as a permanent carbon sink

- **Scalable manufacturing of circular end-products** adaptable to client requirements: Concrete blocks, Ready-mix & precast concrete, Pipe bedding, Road filler, Green roofing substrate, Fertiliser & soil improver
- **2 international patents granted across 17 countries**, 3 patents in draft for submission



**Plug 'n Play solution** drives technology commercialisation and adoption by allowing for seamless integration and 100% automation

- **Compact tech-integrated containers** capture CO<sub>2</sub> directly from flue gas and treat residues produced on-site



**Leader in developing best-in-class monitoring, reporting and verification (MRV) methodology** – DNV approved

- **Real-time measurement of carbon removal data** for verification of **high-integrity Carbon Credits** – exclusive access to proprietary data



**Now commercial – technology and production validated** with leading international cement group (VICAT) and energy group (EDF)

- **1st commercial deployment** in 2020 for VICAT, a recognised credible leader and pioneer in the cement industry with 16 cement plants worldwide – treating up to 12,000 tonnes of residues annually in the process with each container
- **Current pipeline value of £40m+** – **3 commercial offers** with end-customers and **2 additional LOIs from offtakers** currently in place

## COMPELLING PRODUCT PROPOSITION



**Addressing critical challenge of whole-lifecycle carbon emissions in construction** – creates construction materials capable of permanently locking carbon while concurrently provides CCUS solution for hard-to-abate industries

- **Reducing embodied carbon in construction materials** is critical for the building and construction industry to achieve decarbonisation by 2050

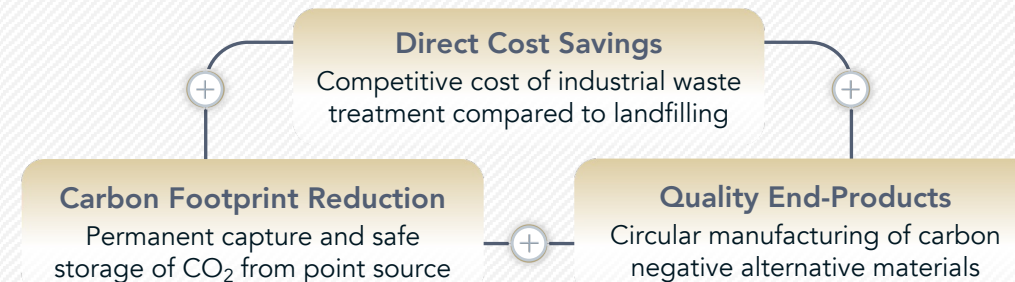


**Tackling emissions in hard-to-abate industries** – under-addressed by traditional focus on coal and gas power plant emissions

- Cement, Energy from Waste, Paper & Biomass, and more verticals close to reaching commercialisation incl. Steel, Construction & Demolition and Mine Tailings
- **Quick onboarding**: scalable solution tested with 120+ residue types
- **Stackable solution**: huge commercial potential from deployment of multiple containers per customer and per site – **10k+** containers across Europe and key target markets



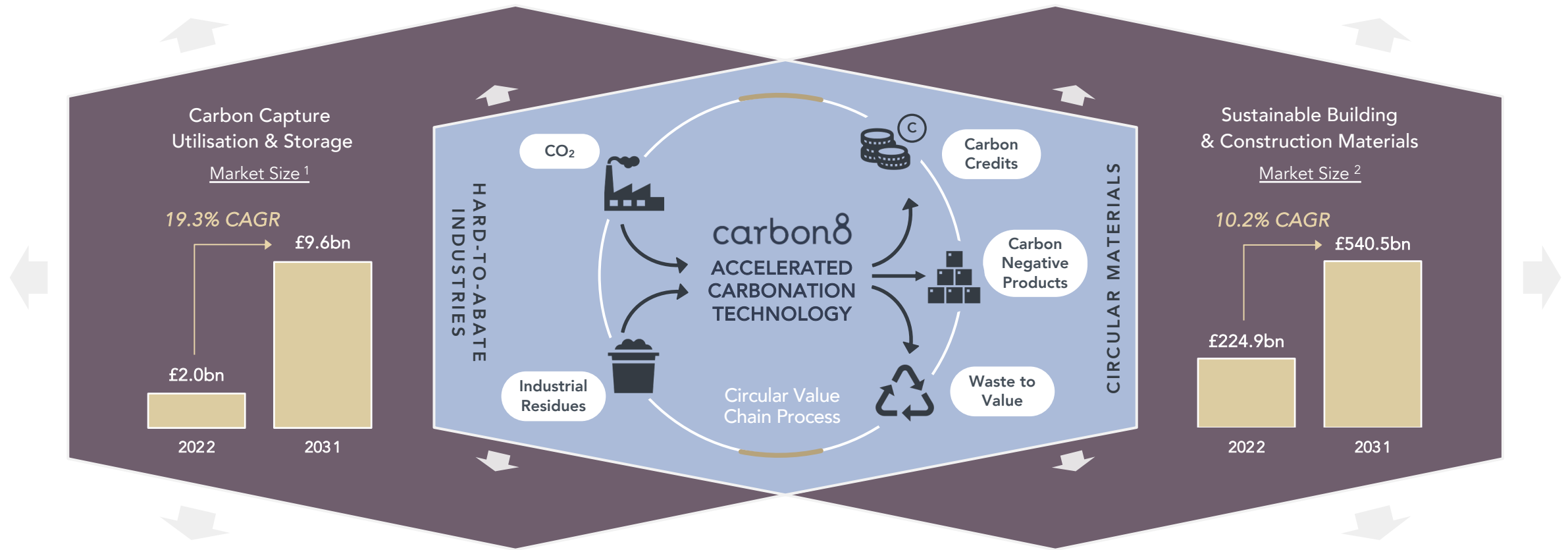
**Highest-quality carbon credits**, free from other 'debatable' carbon sink methods, instead offering **circular value** to construction industry and emitters



# Pioneering Uncharted Territory by Bridging Two Vital Growing Markets

Uniquely positioned at the intersection of two markets undergoing significant growth and tech disruption

PATENTED ACCELERATED CARBONATION TECHNOLOGY (ACT) UNVEILS A GREEN HORIZON IN SUSTAINABLE CONSTRUCTION



<sup>1</sup> researchandmarkets.com, <sup>2</sup> marketresearch.biz

# Strong Commercial Traction to Date with a Robust Revenue Pipeline in Place

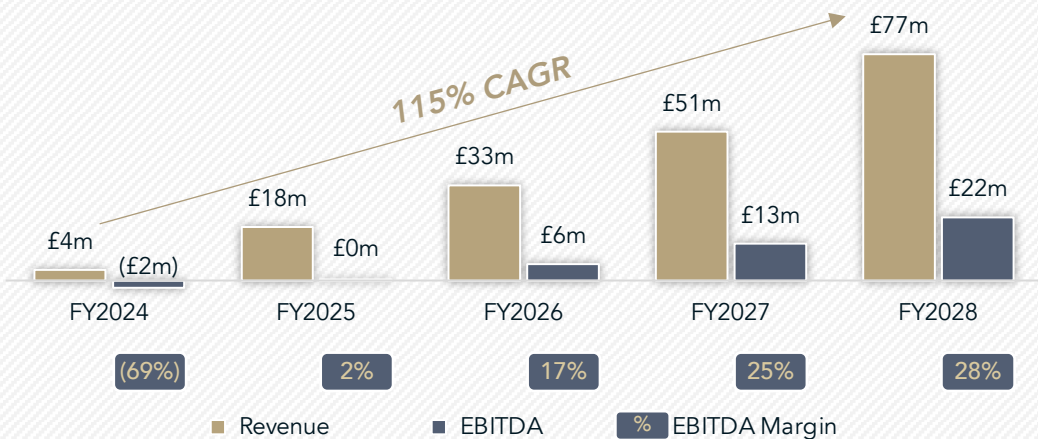
Crucial enabler for achieving carbon neutrality and circular transformation of construction and industries

## DUAL BUSINESS MODELS – FASTER & MORE FLEXIBLE DEPLOYMENT

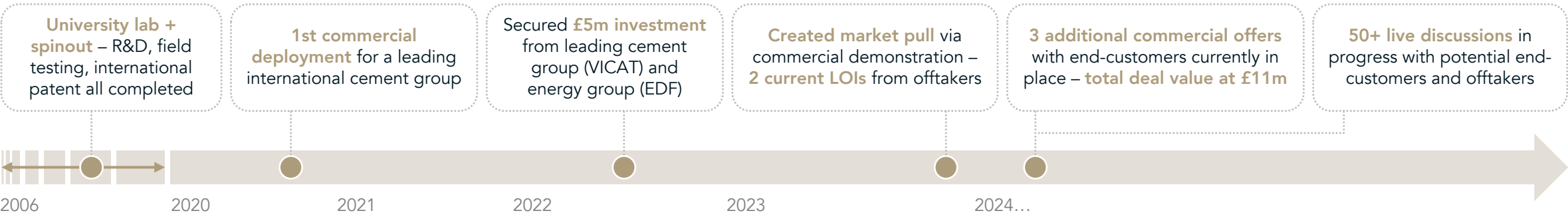


- 1- CAPEX Model:** Involves selling tech-integrated containers to end-customers with a profit share in the generated value
- 2- OPEX Model:** Provides 'Carbonation as a Service' to emitters and subsequently selling end-products – creates greater value from recurring revenues and taps into additional lucrative market opportunities of trading carbon credits

## SCALE UNDERWAY – BECOMING PROFITABLE IN FY2026



## PROGRESS TO DATE – ROBUST MOMENTUM AND SIGNIFICANT HEADROOM FOR LARGE SCALE EXPANSION



# Carbon8 is Set For Its Next Growth Milestone

Series B to propel commercialisation and achieve profitability by 2026

## USE OF FUNDS TO ACCELERATE WIDESPREAD COMMERCIAL DEPLOYMENT







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