

Heidelberg Materials

evozero CPD Handout

Heidelberg Materials

evozero Hub



About Heidelberg Materials

Our ambition is to be...

the **most sustainable** producer of heavy construction materials globally

Today...

- Part of a global company represented in over **50 countries** with more than **51,000 employees**.
- Produce aggregates (crushed rock, sand and gravel), asphalt, ready-mixed concrete, cement and GGBS.
- Leading supplier of **lower carbon heavy building materials and services** to the construction industry but we want to learn and improve
- **Committed to decarbonising** the built environment with a focus on carbon capture cement and low carbon concrete plus growing our circular economy through waste and recycling initiatives
- Develops **digital solutions** to improve efficiency, productivity and customer service.

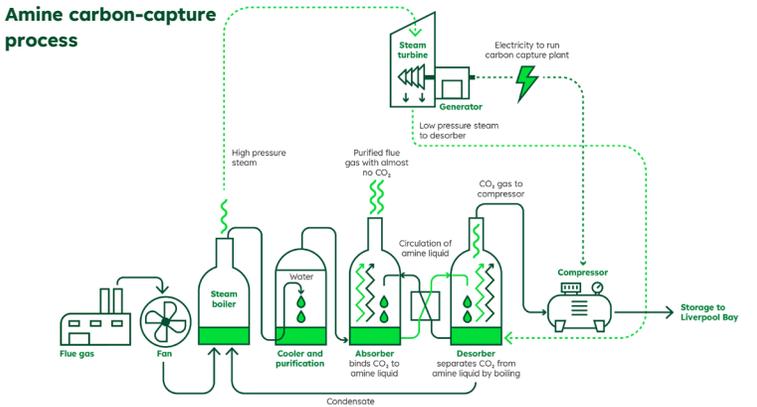
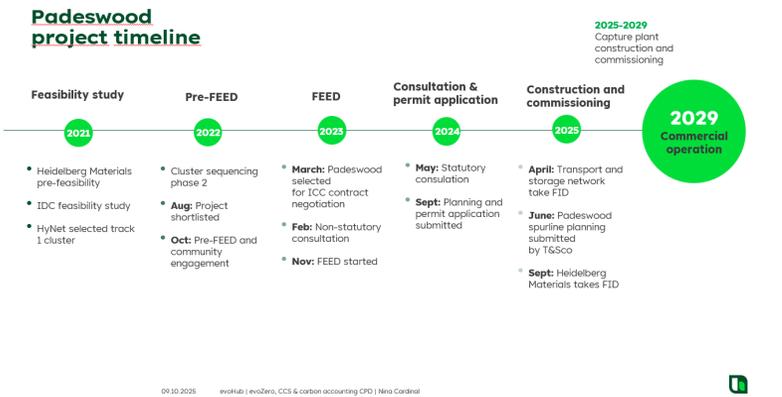
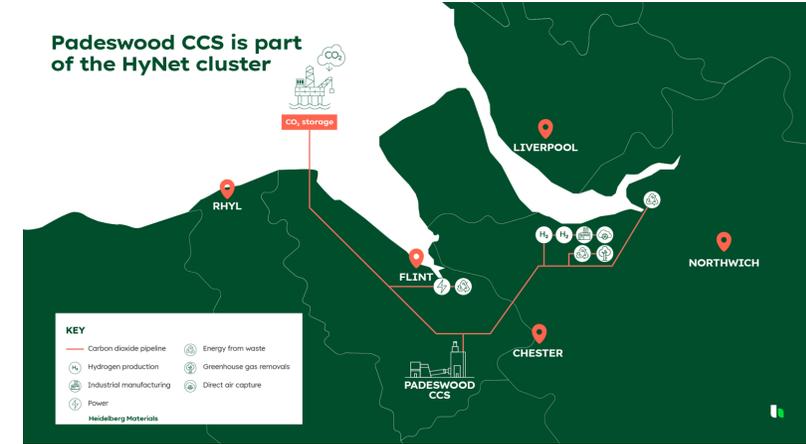
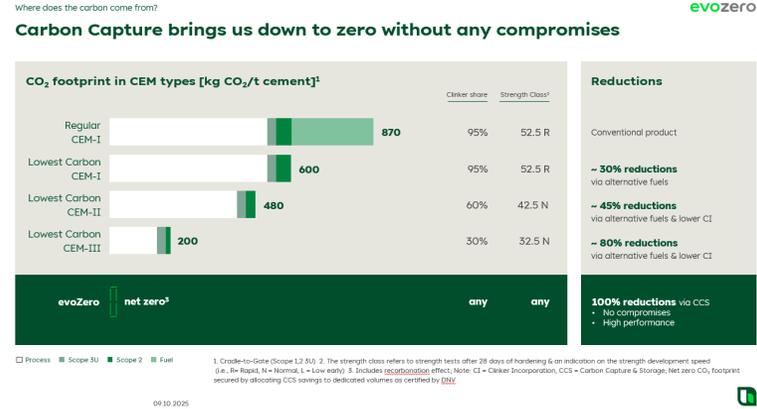
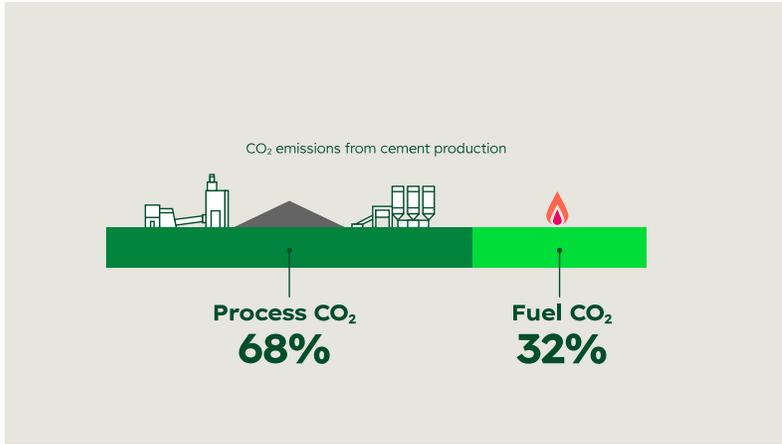


evoZero – carbon-captured near-zero cement from Padeswood

- Cement manufacture is a high carbon-emissions process, primarily due to the chemical process of transforming limestone into clinker, and then grinding to make cement
- Carbon-capture technology is being introduced at Padeswood cement works, utilising amine technology to produce near-zero cement via the Hynet partnership. Captured carbon is being stored in undersea depleted oil and gas fissures
- Carbon capture is already in place at Heidelberg Materials' Brevik plant, with near-zero product already available to UK customers, either physically or via carbon-banking
- **evoZero is the world's first carbon-captured cement, available to UK customers now**



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For enquiries on evoZero please contact;

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- **Wider product range**
 - heidelbergmaterials.co.uk
- **Future evoHub events**
 - [Events and CPD at evoHub | Heidelberg Materials UK](#)



Padeswood carbon capture
and storage (CCS)

An aerial photograph of the Padeswood cement plant, featuring a prominent tall blue chimney stack and various industrial buildings, set against a backdrop of rolling green hills and fields under a clear sky. A large, stylized green graphic element, resembling a bracket or a stylized 'L' shape, is positioned on the left side of the image, partially overlapping the text.

**THE
WORLD'S
FIRST**

The world's first fully decarbonised
cement production process