

# PADESWOOD CCS

## Padeswood Carbon Capture and Storage

### Making Flintshire a world leader in net zero cement

#### Statutory consultation – feedback form

Padeswood carbon capture and storage (CCS) is an ambitious project that will establish the UK's first net zero cement works. By producing net zero cement, it will play a key role in decarbonising the construction industry.

Cement is essential to the UK's transition to net zero. It is fundamental to the development of everything from new offshore wind farms, to nuclear power stations, to clean transport infrastructure, to schools, homes and hospitals and the thousands of jobs that these projects will create.

However, the production of cement is currently carbon intensive. A large proportion of the carbon emissions produced by cement manufacture is derived from the chemical processes involved in making cement and cannot be addressed by using renewable fuel or energy sources. Likewise, there is no viable alternative to concrete in the construction industry. The only way to produce the cement that the UK needs, without large amounts of carbon emissions, is to use carbon capture and storage.



Our project primarily consists of a carbon capture plant, which would enable us to capture carbon dioxide (CO<sub>2</sub>) emissions from the cement manufacturing process. The aim of the proposed development is to integrate into the HyNet North West network through the capture of CO<sub>2</sub> from the cement works for transportation and subsequent storage in the Liverpool Bay storage facilities.

Following the initial phase of community consultation in 2023, we continued to develop the project and have updated our proposals. Feedback received to the previous phase has informed and helped to shape our plans. We are now undertaking a formal, statutory consultation on our draft planning application.

We would like to find out what local people and representatives of local organisations think about our proposals, prior to the submission of our planning application to Planning and Environment Decisions Wales (PEDW).

Please complete this form to let us know your thoughts. If you have any problems completing the form or need any assistance, please let us know using the details below:

**Email:** [padeswoodccs@uk.heidelbergmaterials.com](mailto:padeswoodccs@uk.heidelbergmaterials.com)

**Telephone:** 0800 046 9642

**Post:** FREEPOST PADESWOOD CCS

# About you

## 1. Name

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## 2. Organisation (if applicable)

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## 3. Address and postcode

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## 4. Age

- Under 18
- 18-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65+
- Prefer not to say

## 5. What gender do you best identify with?

- Female
  - Male
  - Transgender
  - Non-binary
  - Other (please specify)
- 

- Prefer not to say

## 6. Roughly how long have you lived in the area?

- Less than 3 months
- 3 - 6 months
- 7 - 11 months
- 1 - 2 years
- 3 - 5 years
- 6 - 10 years
- 11+ years
- Prefer not to say

## 7. Were you already aware of the project prior to this consultation?

- Yes
- No

## 8. How did you become aware of it?

- Received a letter from Heidelberg Materials (formerly Hanson)
  - Received an email from Heidelberg Materials
  - Saw it in a local newspaper
  - Saw it on social media
  - Saw it on the project website
  - Word of mouth
  - Local liaison committee
  - Other (please specify)
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## 9. Would you like to be kept informed of project updates? If so, please provide your email address.

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## Need for the project

**10. Please indicate whether you agree or disagree with the following statement: climate change is an important issue and action should be taken to address it.**

- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree
- Unsure

**11. Carbon capture and storage (CCS) is the process of capturing carbon dioxide (CO<sub>2</sub>) before it enters the atmosphere, transporting it, and storing it. Please tell us whether you think companies should develop CCS projects to protect the environment.**

- Strongly support
- Support
- Neither support nor oppose
- Oppose
- Strongly oppose
- Unsure

## Views on the project

**12. Do you support Heidelberg Materials UK's plan to capture CO<sub>2</sub> emissions from the cement manufacturing process at Padeswood?**

- Strongly support
- Support
- Neither support nor oppose
- Oppose
- Strongly oppose
- Unsure

**13. Which of the project's benefits do you think are the most important? Please rank each option in order of importance, with 1 as the 'most important', to 5 as the 'least important', or select 'I don't welcome any of these benefits'**

- Attracting investment – over £600 million into the project and region
- Capturing CO<sub>2</sub> emissions – up to 800,000 tonnes a year
- Creating new jobs – 54 full-time, and up to 350 during construction
- Protecting existing jobs and securing a sustainable future for the construction industry
- Making Flintshire a global leader in achieving net zero manufacturing – establishing the UK's first net zero cement facility, and a global exemplar project
- I don't welcome any of these benefits

# Views on details of the project

## Overview

**14. Do you have any comments on the proposed site layout?**

Yes (please specify)  No

## Carbon capture facility

**15. Do you support our proposed carbon capture technology?**

- Strongly support
- Support
- Neither support nor oppose
- Oppose
- Strongly oppose
- Unsure

Please let us know the reasons for your response and any other comments you have on our proposed carbon capture technology.

**16. Do you have any comments on the carbon capture facility?**

Yes (please specify)  No

## Combined heat and power plant

**17. Do you have any comments on the combined heat and power plant?**

Yes (please specify)  No

# Environmental Impact Assessment (EIA)

A full environmental impact assessment (EIA) has been undertaken to support the Development of National Significance (DNS) application. An EIA is a tool used to identify, assess and determine the significance of environmental, social, and economic effects of a project.

The draft Environmental Statement, which reports the findings of the EIA, has been informed by the 'scoping' stage of this project which is the process of determining the extent to which each environmental factor will be covered in the EIA. An EIA Scoping Report was submitted to PEDW in November 2022 and PEDW issued a response in the form of a Scoping Direction in April 2023. This Scoping Direction advised which environmental factors PEDW wanted to scope into the EIA. The following factors were scoped into the EIA by PEDW's Scoping Direction:

- Biodiversity
- Air quality
- Climate
- Cultural heritage
- Landscape and visual
- Noise and vibration
- Traffic and transport
- Land and soils
- Major accidents and disasters
- Material assets and waste

More information on the assessment and potential effects of the factors above can be found on our consultation brochure. Greater detail is available in the draft Environmental Statement and its Non-Technical Summary, both of which can be found on our project website: [padeswoodccs.co.uk](https://padeswoodccs.co.uk)

**18. Based on the information provided, do you have any comments on the assessment of the potential effects the project could have on any of the environmental factors listed above, and the measures we are proposing to mitigate those effects? Please specify which factors you wish to comment on in particular.**

Yes (please specify)    No

## Local community benefits

**19. Do you have any comments on the potential community benefits associated with the project?**

Yes (please specify)  No

**20. We would welcome any other comments you would like to make about the Padeswood CCS project.**

## About the consultation

### 21. How informative did you find our in-person events?

- Very informative
- Informative
- Somewhat informative
- Neither informative nor uninformative
- Uninformative
- Unsure
- I didn't attend an event

### 22. How informative did you find our consultation materials?

- Very informative
- Informative
- Somewhat informative
- Neither informative nor uninformative
- Uninformative
- Unsure

## Submitting this feedback form

Electronic copies of all the consultation documents, including this feedback form, can be found online on the project website **padeswoodccs.co.uk**. You can provide your feedback using this form, through our website, or by contacting us by email or Freepost:

- Access our website at **padeswoodccs.co.uk**, to find an online version of this feedback form
- Email us your completed questionnaire, or feedback, at **padeswoodccs@uk.heidelbergmaterials.com**
- Return this feedback form free of charge by writing to **FREEPOST PADESWOOD CCS** (no stamp required)

The statutory consultation will run from Tuesday 02 July 2024 to 11:59pm on Monday 12 August 2024. It is important you submit your feedback to us before the closing date, so that it can be considered in our proposals.

### Get in touch

If you have any additional comments, feedback or would like to get in touch with the project team then please email **padeswoodccs@uk.heidelbergmaterials.com** or call **0800 046 9642**.

### Data Protection

Your comments will be analysed by Castle Cement Ltd and any of its appointed agents. Copies may be made available, in due course, to Flintshire County Council and other relevant statutory authorities. Responses may therefore be made public. However, your personal details will not be placed on public record. Castle Cement Ltd and its appointed agents will hold your personal details securely in accordance with applicable data protection legislation and will use them solely in connection with the consultation process and subsequent planning application and, except as noted above, they will not be passed to third parties.

Please refer to our Privacy Notice for more details: **heidelbergmaterials.co.uk/en/privacy-policy**

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Scan the QR code to be directed  
to our feedback form

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Mae'r ddogfen yma hefyd ar gael  
yn Gymraeg ar ein gwefan yma