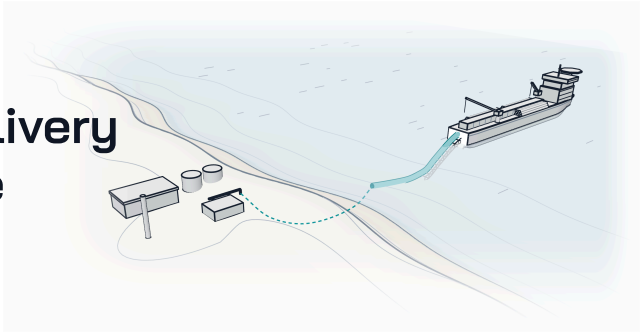
carbon causeway

CASE STUDY

From approvals to execution: environmental and regulatory delivery for major UK CCUS infrastructure

Consents · Interfaces · Readiness · Execution



SECTOR	SCOPE	PHASE	ENGAGEMENT
CCUS / CO_2 transport infrastructure	Landfall construction and offshore pipeline installation	Construction readiness and execution	Embedded support to principal EPCI contractor

Carbon Causeway provided embedded regulatory and environmental delivery support as a major UK CCUS programme moved from design into deployment.

1

Consents

Environmental and regulatory requirements were coordinated across multiple construction packages and subcontractors, with submissions, licences and variations managed against programme needs.

2

Interfaces

Carbon Causeway worked across developer, EPCI, subcontractor and regulatory interfaces to resolve blockers between consented positions and proposed methods, and support compliant construction operations.

3

Readiness

A series of package-specific ENVID workshops translated environmental risks, project and regulatory requirements into proportionate controls for work-package execution.

Pre-mobilisation readiness included supporting assurance of the pipeline installation vessel spread, with environmental and HSE arrangements reviewed ahead of the offshore campaign.

4

Execution

Support continued through construction, with changes in methods and regulatory dependencies managed against live programme priorities.

Where plans changed, implications were identified early, relevant teams brought together and a compliant route forward established without unnecessary loss of momentum.

KEY EXAMPLE
CONSENTS

Coordinating a flexible approach for a key construction licence application, accommodating an evolving vessel spread and activity sequence. This preserved flexibility in vessel selection and works sequencing and kept mobilisation on track.

What this enabled

- Key environmental and regulatory approvals were secured ahead of construction package kick-offs
- Construction packages moved into execution with proportionate environmental controls defined around each scope
- Vessel and sequencing flexibility was preserved within the project's regulatory framework
- Emerging regulatory and compliance issues were resolved across organisational boundaries, with solutions shaped around safeguarding delivery momentum



The approach created a more resilient route through construction: regulatory dependencies were effectively managed inside of delivery, flexibility was preserved, and change could be accommodated to keep packages on track.