

Offshore Wind and CCUS Co-Location Forum

1st Plenary Meeting



29th July 2021

Agenda

1. Introductions

People

Organisational aims from forum

2. Scope of forum & terms of reference

3. Work programme

4. Communications & future meetings

5. AOB

List of possible work scopes

Planning-regulation-collaboration, MMV, SimOps,

1. *Pro-actively review where Offshore Wind and CCUS projects could potentially overlap and consider performing site characterisation activities in these areas prior to any Offshore Wind or CCUS project development*
2. *Clearly define the best practice and minimum acceptable practice in terms of CCUS MMV schemes, through the regulator performing a review of current MMV requirements to minimise the need for seismic surveys in particular, and ensure that these are taken into account when planning overlapping CCUS and Offshore Wind projects on a case-by-case basis.*
3. *Provide government/regulator support for a future technology development campaign in reservoir characterisation and MMV to remove the dependency on new seismic acquisition (e.g. forward modelling of response of different reservoir types' rock physics response to CO2 flood; what constitutes appropriate monitoring post-injection).*
4. *Conduct further study to determine the potential allowable minimum separation distance between a CCUS storage complex and an Offshore Wind site to:*
5. *Assess the level of risk of corrosion damage to offshore wind infrastructure caused by saline brine displacement from CO2 injection into saline aquifers at depth so that any mitigating measures such as separation distances between brine release wells and wind turbine substructures can be quantified and put into practice.*

Four drivers: Delivery capability / Market development / Barriers to co-location / Policy & regulation