# Chapelcross Transformation Programme Thematic Stakeholder Discussions – Report Out

19<sup>th</sup> May 2020 – Energy & Transport

21st May 2020 - Utilities

22<sup>nd</sup> May 2020 – Economic Growth, Resources and Skills













# Introduction



We are currently developing a Strategic Outline Business Case for the Chapelcross Site Transformation Programme and have included a schedule of engagement activities to identify and capture stakeholder opinions in support of an evolving vision for the Programme. These engagement activities will help to stimulate conversation and outline a route map for taking Chapelcross forward.

The design of this series of engagement activities was informed by the Chapelcross Stakeholder Opportunities Workshop in February of 2020, in Glasgow.

This document provides a brief overview of the Chapelcross thematic stakeholder discussions, capturing the inputs from attendees and overall outputs from the day. It is our intention to use these outputs to guide our forthcoming online workshop in June.



Link to Chapelcross Project video













## Overview



Three separate thematic stakeholder discussions were held with different topics and objectives, these were as follows:

- **Energy & Transport** to consider the role of Chapelcross in collaborating with the energy and transport sectors to achieve net zero objectives, and next steps.
- **Utilities** to establish strategic level engagement and visibility of forward planning timelines and utility requirements.
- **Economic growth, resources and skills** to consider the role of Chapelcross as a catalyst for growth in collaboration with commercial interests, learning and development networks, alongside the next steps (post COVID 19 recovery).

The remainder of this summary report captures the stakeholder input to our three thematic stakeholder discussions, including key themes and contributions. The word clouds are individual to each separate thematic discussion and capture stakeholder contributions.

### Arrival

Introductions

Stakeholder briefing pack

Overview of Outputs from the Glasgow Workshop

The economic case for post COVID 19 recovery

**Stakeholder Aspirations & Perceptions** 

Stakeholder Priorities

Challenges

Next Steps – letters of support

AOB







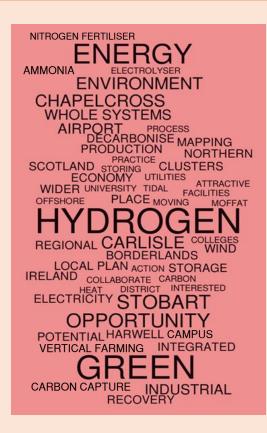






# Webinar 1: Energy & Transport





## **Key Themes**

- Decarbonising industrial processes and transport.
- Green hydrogen production.
- Chapelcross has strong links to transport connections from air, land, sea and rail.
- Chapelcross can fit into a wider energy system that incorporates energy assets and wider stakeholders.
- Planning and mapping.
- Net zero

## **Contributions**

"There is a huge opportunity here with a mixture of answers, an opportunity to decarbonise industrial processes, not just in the light of a straight transition from fossil to green fuels, but the process by which the transition is made."

"There is potential to produce green hydrogen and supply a blended hydrogen through the gas interconnector at Moffat."

"Carlisle has an airport and nearby road and rail infrastructure - there may be opportunities to collaborate".

"The development of industrial clusters is going to be key in stimulating the hydrogen market at a regional and national level."













# Webinar 2: Utilities



# Annan hydrogen generated protection Sector assessmentsfarm capital users heat opportunities map connection grid decarbonising transmission coordination Deal systems green by-product wind align energy other whole local River management large strategy network shovel ready interventions water projects National sustainability networks Government businesses support storage Borderlands

## **Key Themes**

- A whole systems view of the approach to energy.
- Integrating natural capital assessments into the development of Chapelcross and the importance of wildlife and sustainability.
- Energy storage to increase the resilience of the energy system in Dumfries and Galloway and the wider area.
- · Offshore wind.
- Community engagement.

## **Contributions**

"Chapelcross is perfect for a windfarm and battery storage."

"The existing grid connection is key to a variety of uses."

"Once hydrogen is established at Chapelcross you can begin to attract HGVs to a hydrogen refuelling station via the M74."

"Scottish Water expressed interest in hydrogen production due to potential alignment with their water treatment processes."

"interested in decarbonising heat and how Chapelcross can fit in. There is no direct access to the gas network but there is a gas main nearby."













# Webinar 3: Economic Growth, Resources and Skills



# Grid link Borderlands Scottish Borderlands Scottish Borderlands Scottish Advanced manufacturing Government International International

## **Key Themes**

- Establishing links with skills networks, colleges, universities and SMEs.
- Alignment with the Scottish Government Green Recovery agenda from the Advisory Group on Economic Recovery.
- Upskilling / re-skilling of the labour force and wider attraction of highly skilled jobs across the region.
- Chapelcross as a catalyst for innovation and R&D.
- Green energy recovery as a national economic stimulus in response to the COVID 19 economic downturn.

## **Contributions**

"There is no reason why the Chapelcross site cannot act as a hub for innovation and R&D."

"There is a unique opportunity here for collaboration between energy and advanced manufacturing."

"Chapelcross could fulfil the sustainability criteria of the Green EU Taxonomy."

"Energy Systems Catapult are working to support the development of a collaborative Energy Academy."

"Universities collaborating with businesses is a huge driver of economic growth."













# Thank you for your participation

For any further queries please contact <a href="mark.fulton@dumgal.gov.uk">mark.fulton@dumgal.gov.uk</a> or <a href="mark.fulton@dumgal.gov.uk">Debbie.harper@arup.com</a>











