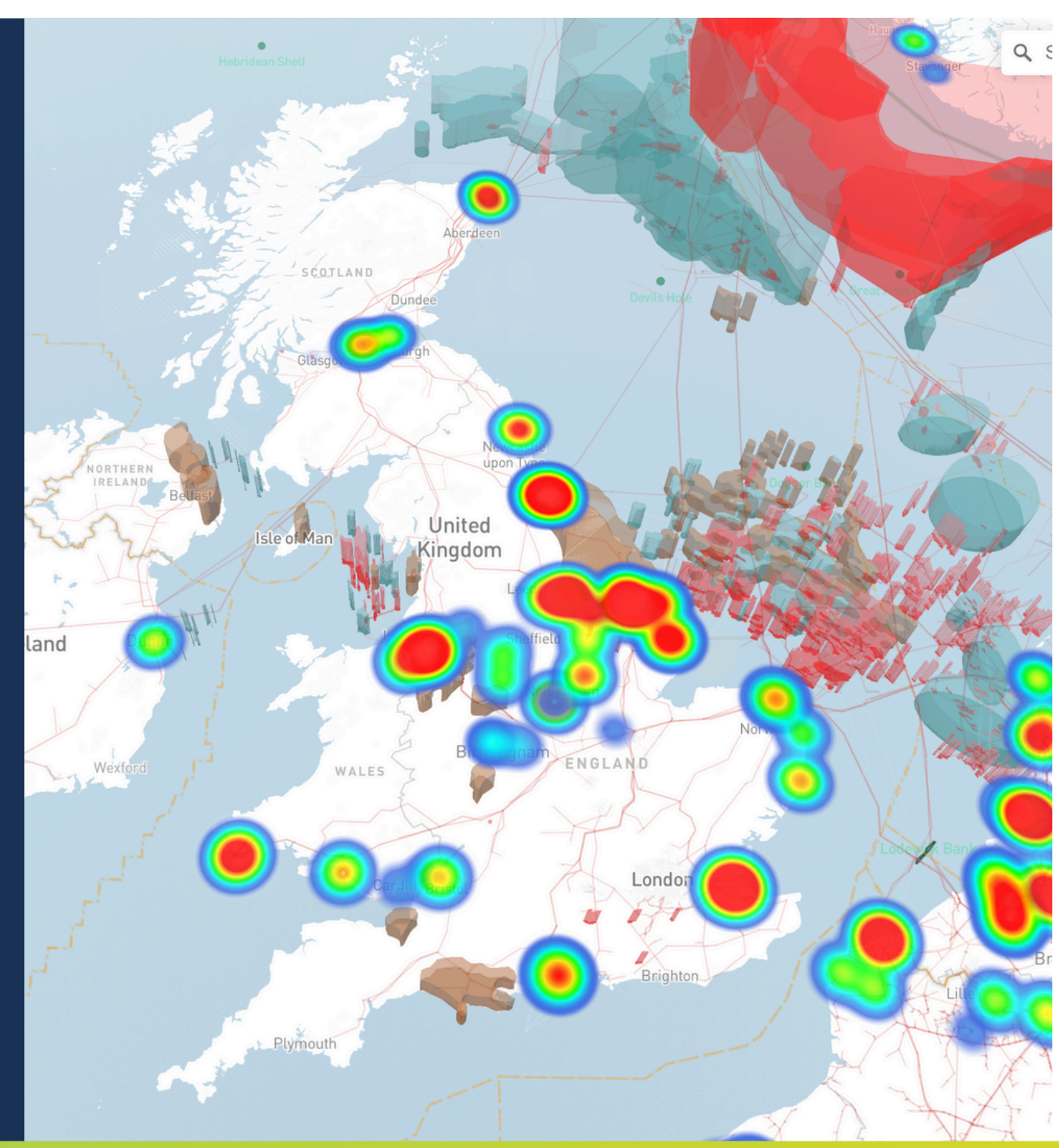


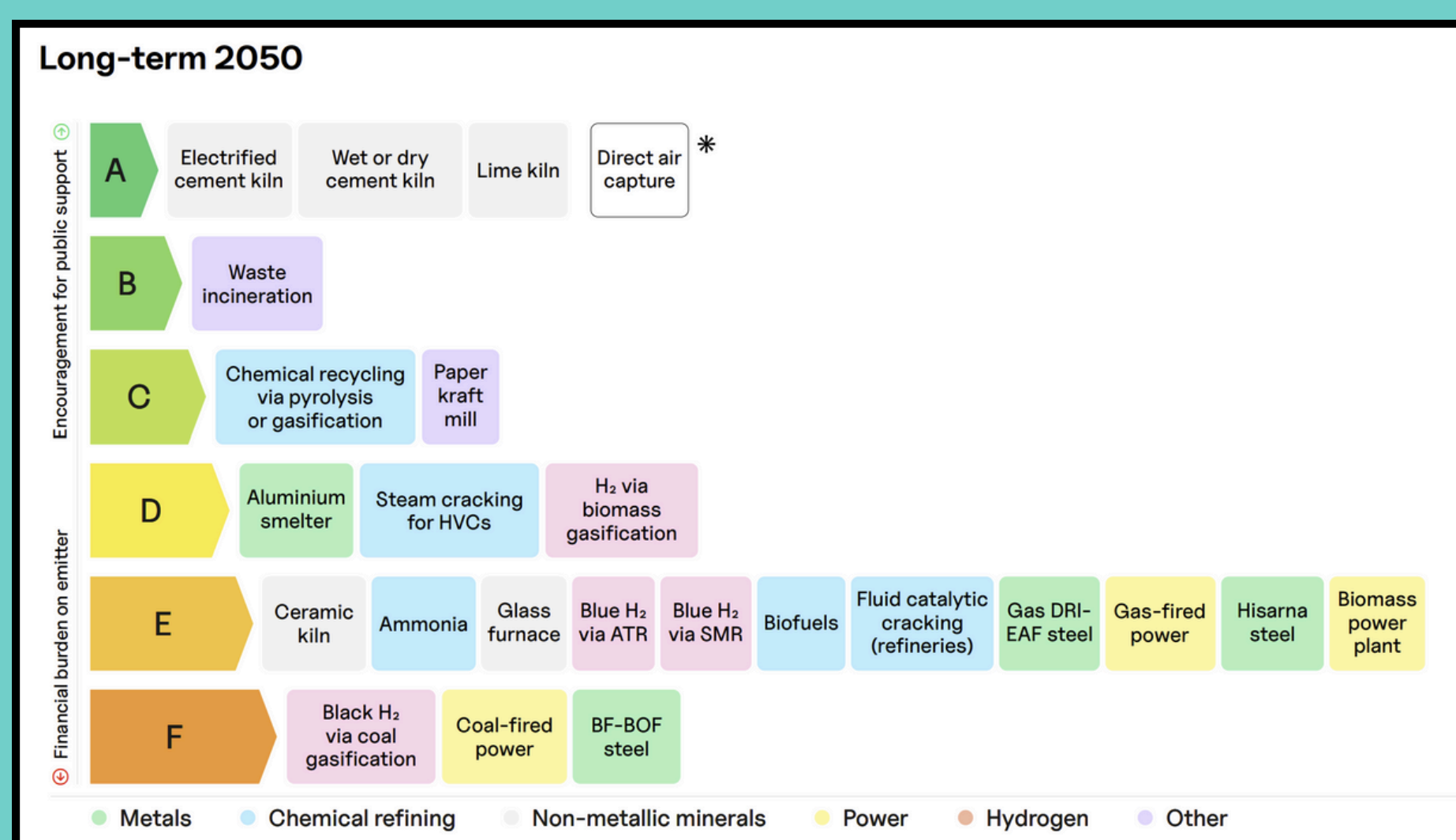
UNLOCKING CARBON CAPTURE POTENTIAL:

A Visual Approach to Networks and Opportunities

Insights co-developed by Olsights & MapStand for CCS network resilience and expansion

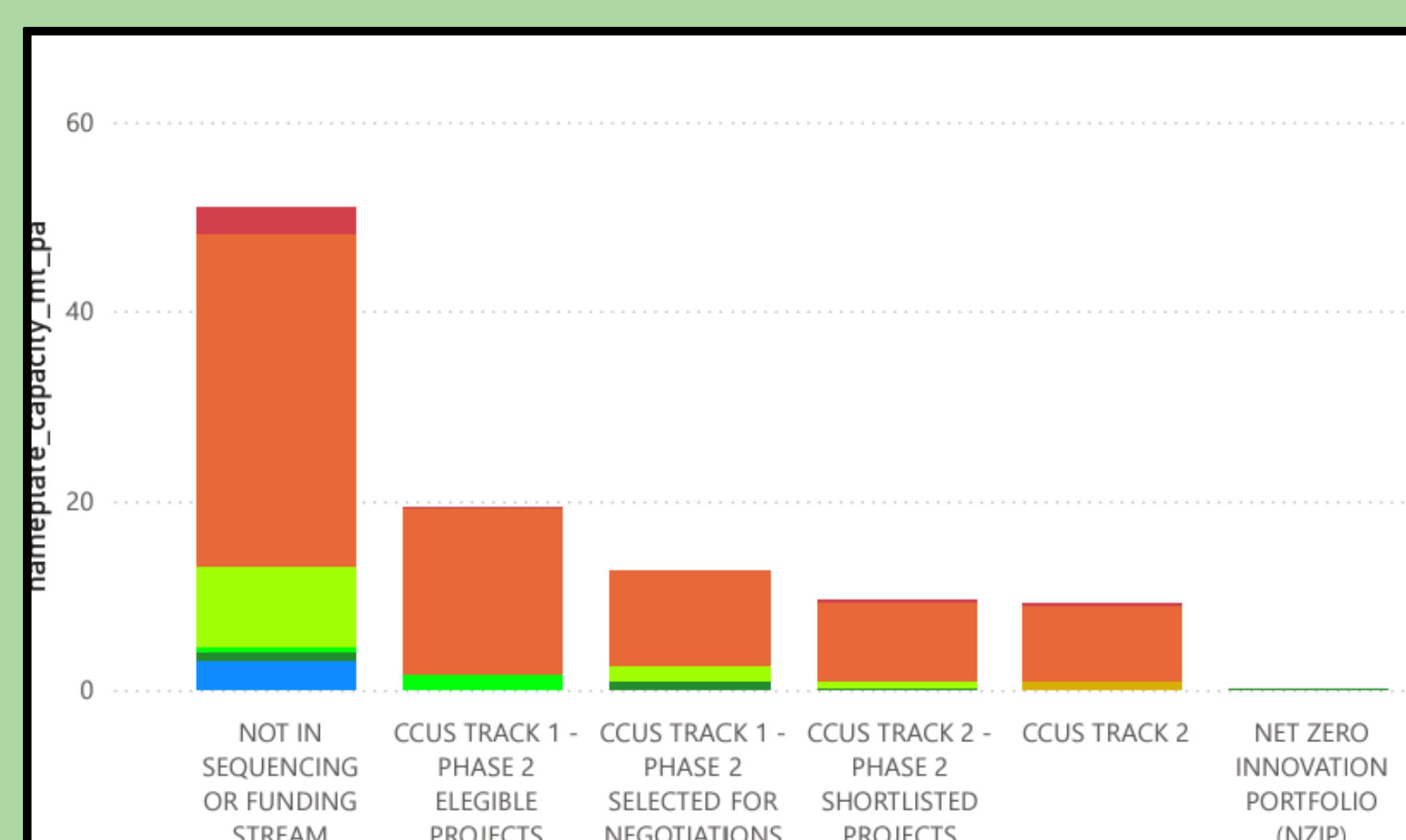


CCS 'Viability' Ladder*



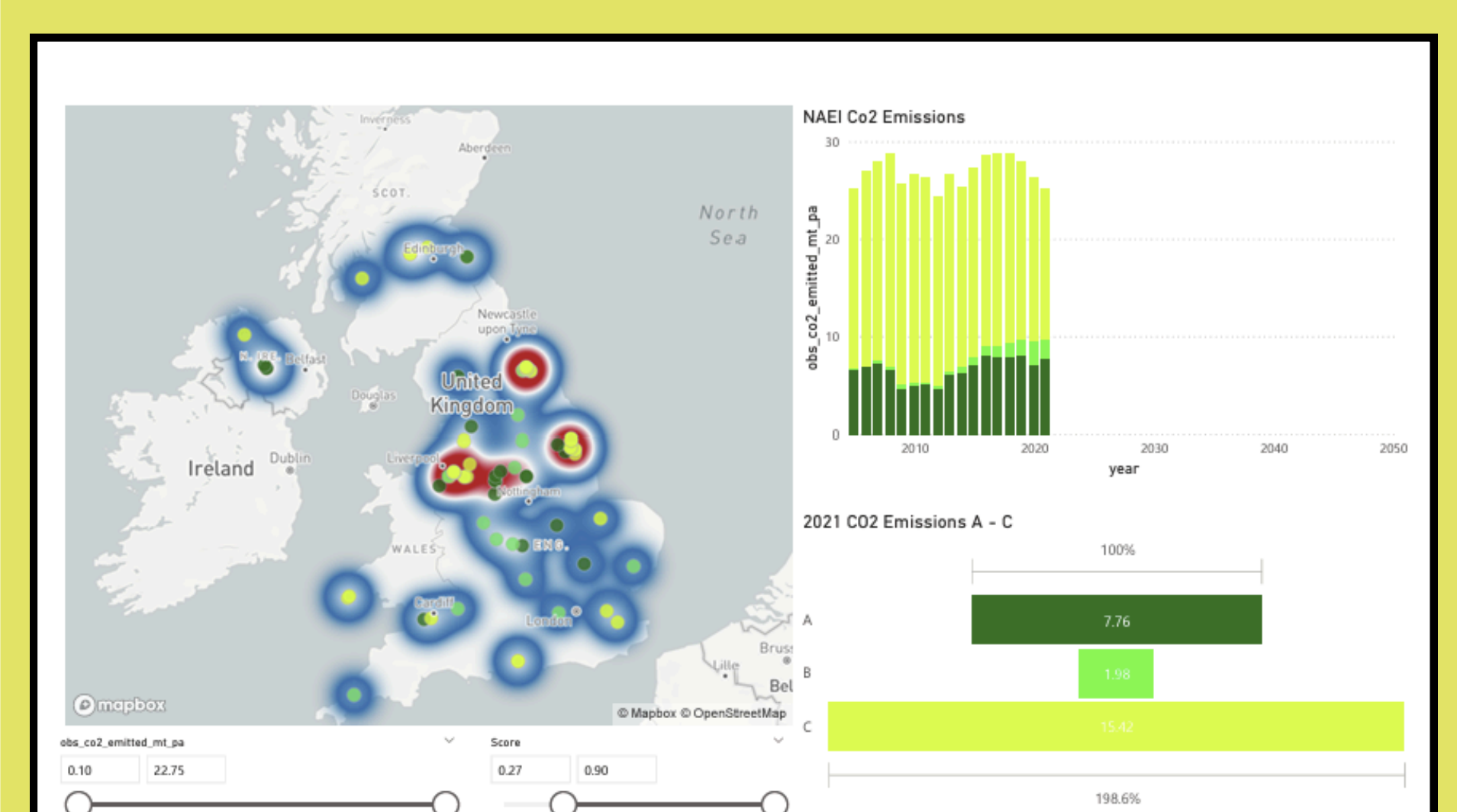
- it is based on four considerations: Alternatives (to CCS), CO2 Mitigation, Feasibility, and Source of CO2
- some sectors become less competitive/viable towards 2050, and some become increasingly viable
- It is meant as a prompt for broad discussion

Tracking Sequence vs CCS Ladder



- All tracks are dominated by projects that are classed D or lower in the ladder,
- The total risked project portfolio is 30mtpa by 2035 - below the target of 50mtpa.
- Of the risked 30mtpa 1/3 are from categories A-C.

Clustering of high-Viability Capture Targets



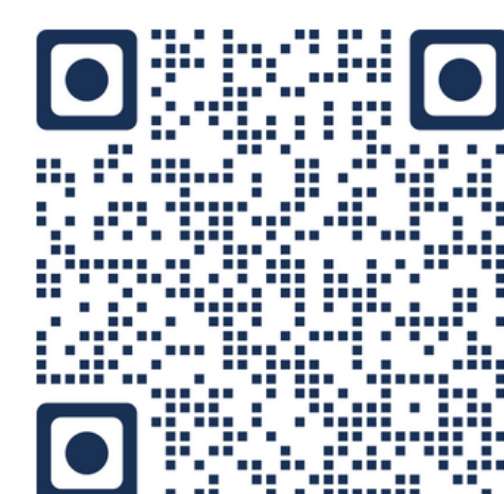
- Category A projects are dominated by emissions from Lime & Cement that are predominantly located inland away from the key industrial clusters.
- The East & West Coast clusters have anchor projects giving rise to clusters but rely on drawing emissions from a much wider geography.



Tony Griffiths | CEO
olsights®



Francis Cram | CEO
MapStand®
LOCATION INTELLIGENCE



Gain more insights with the Olsights Eye FREE preview

*Developed based on: "Carbon Capture and Storage Ladder: Assessing the Climate Value of CCS Applications in Europe" (Bellona + E3G, July 2023)