

**USEA CCUS DIALOGUES BEFORE THE ROADSHOW:  
*PROSPECTS FOR CCUS COMMERCIAL DEPLOYMENT IN  
THE POST-PANDEMIC WORLD***

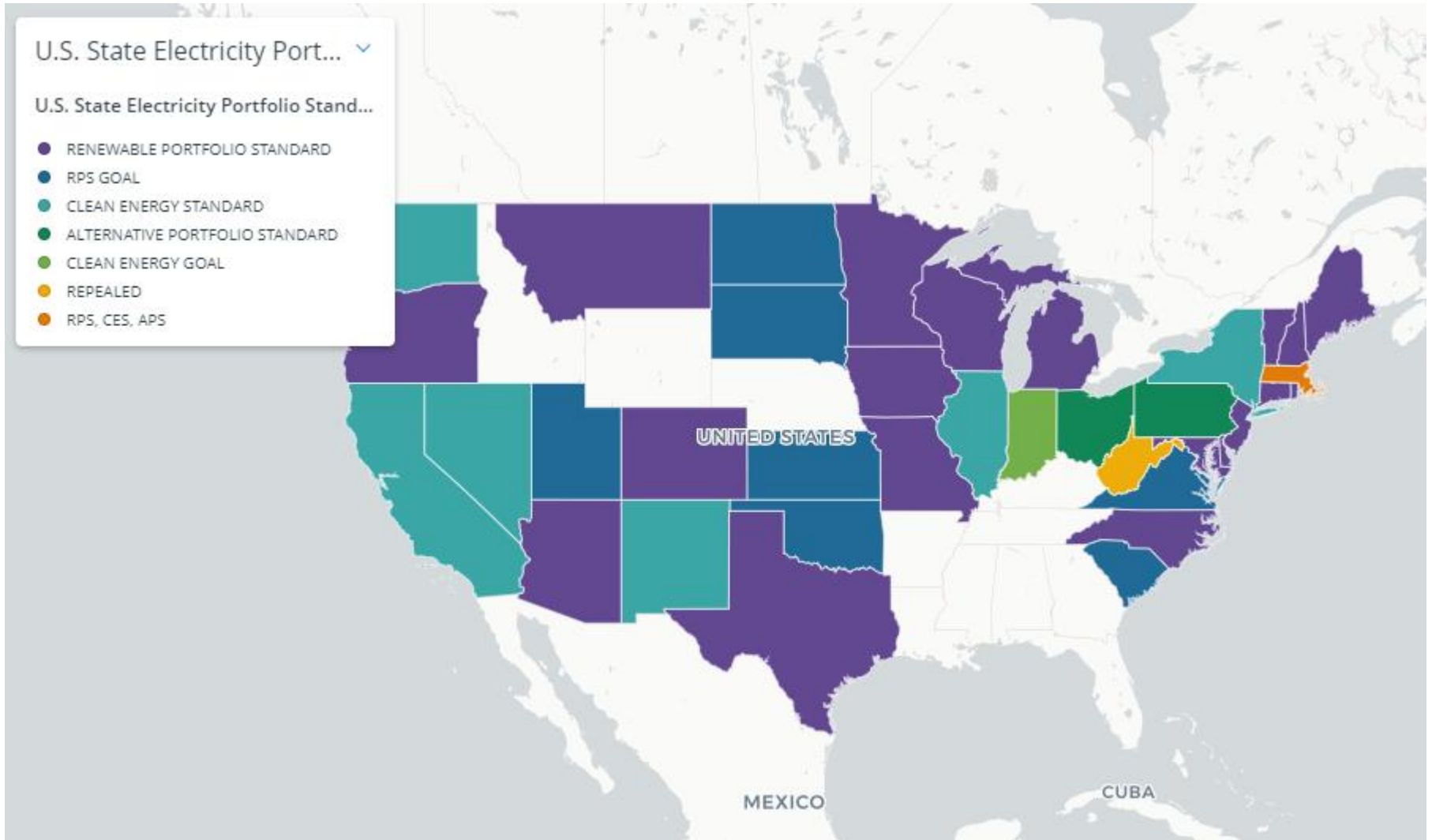
Jeffrey Bobeck

June 10, 2020



**C2ES.ORG**

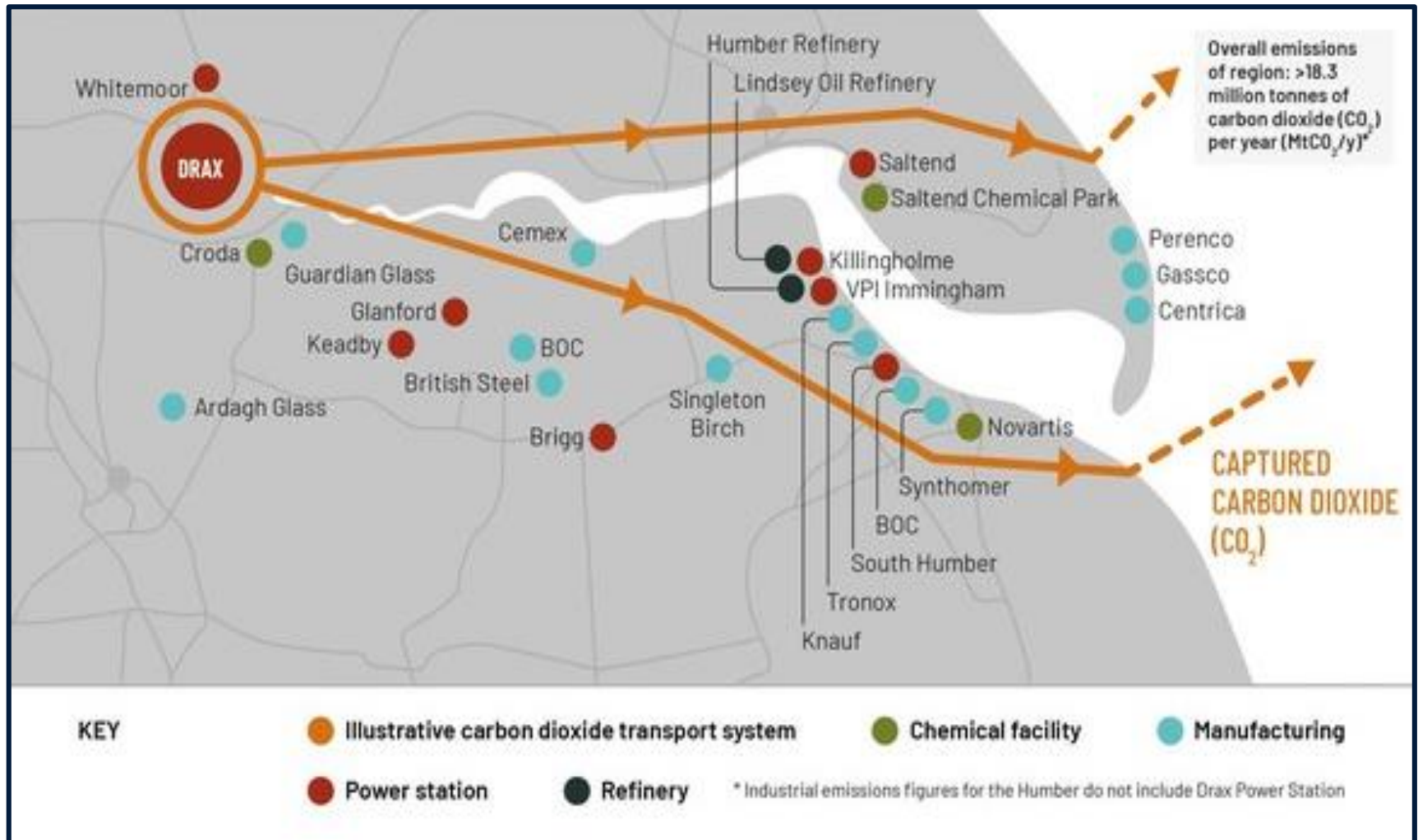
# U.S. State Electricity Portfolio Standards



## WHAT A ZERO CARBON CLUSTER COULD LOOK LIKE IN THE HUMBER REGION



# Plan for a Zero Carbon Cluster in the UK





# Pennsylvania Point Source Greenhouse Gas Emissions



Source: Clean Air Task Force

June 10, 2020



---- Gas Transmission  
---- Haz. Liquids



- 1. *Changing Political Landscape.*** If States push for renewable ramp-up, will carbon capture be left behind?
- 2. *Carbon Capture Can Meet MANY Different Goals for States.*** Lowering GHG emissions, sparking new industries related to alternative fuels (hydrogen), carbon utilization pathways like low-carbon building materials, ancillary economic development (construction of facilities).
- 3. *States and Regions Must Take the Lead in Commercializing Carbon Capture.*** Having a “big plan” that incorporates clusters, CO2 transportation and storage, and permitting brings down costs of deployment.