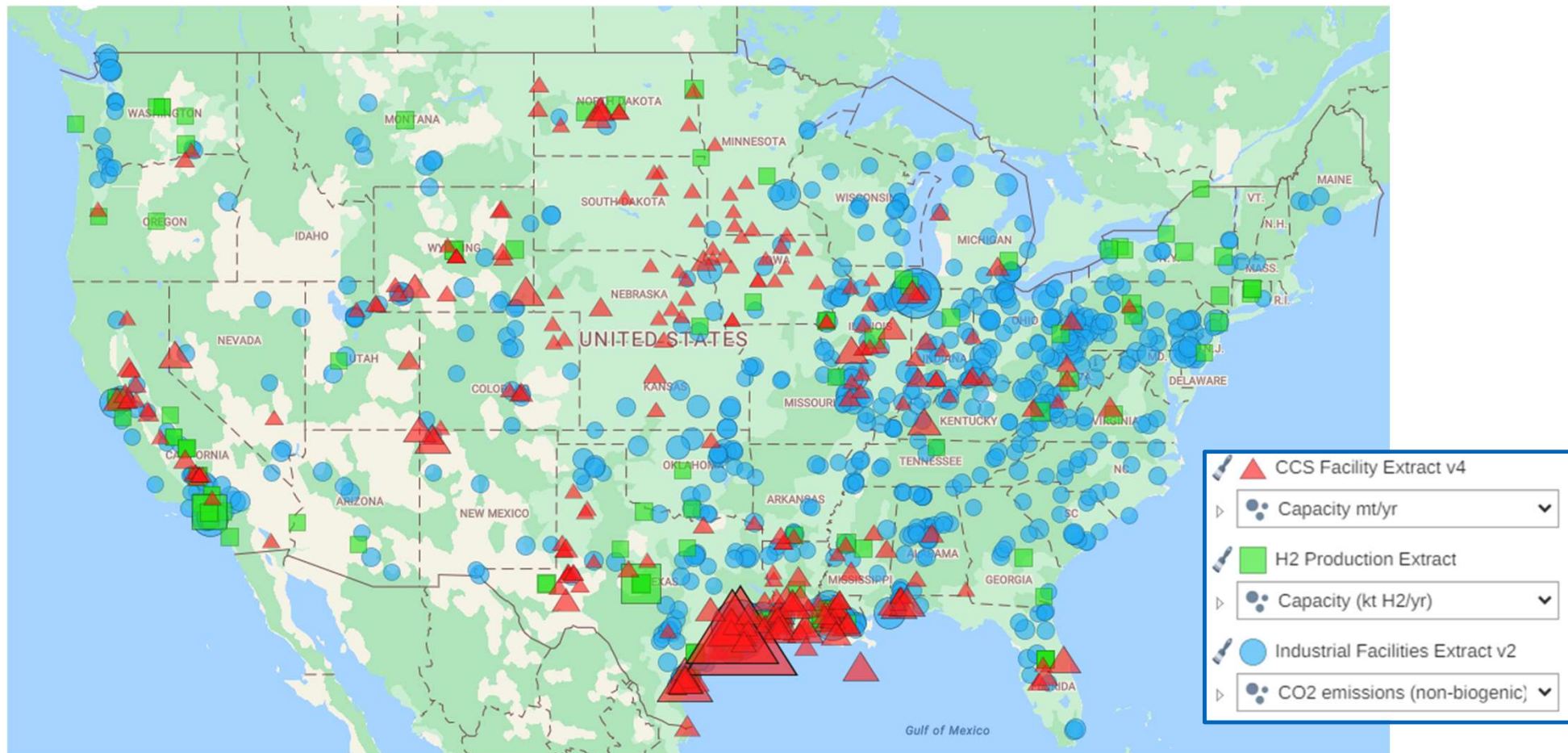


## Low Carbon Energy Database Maps

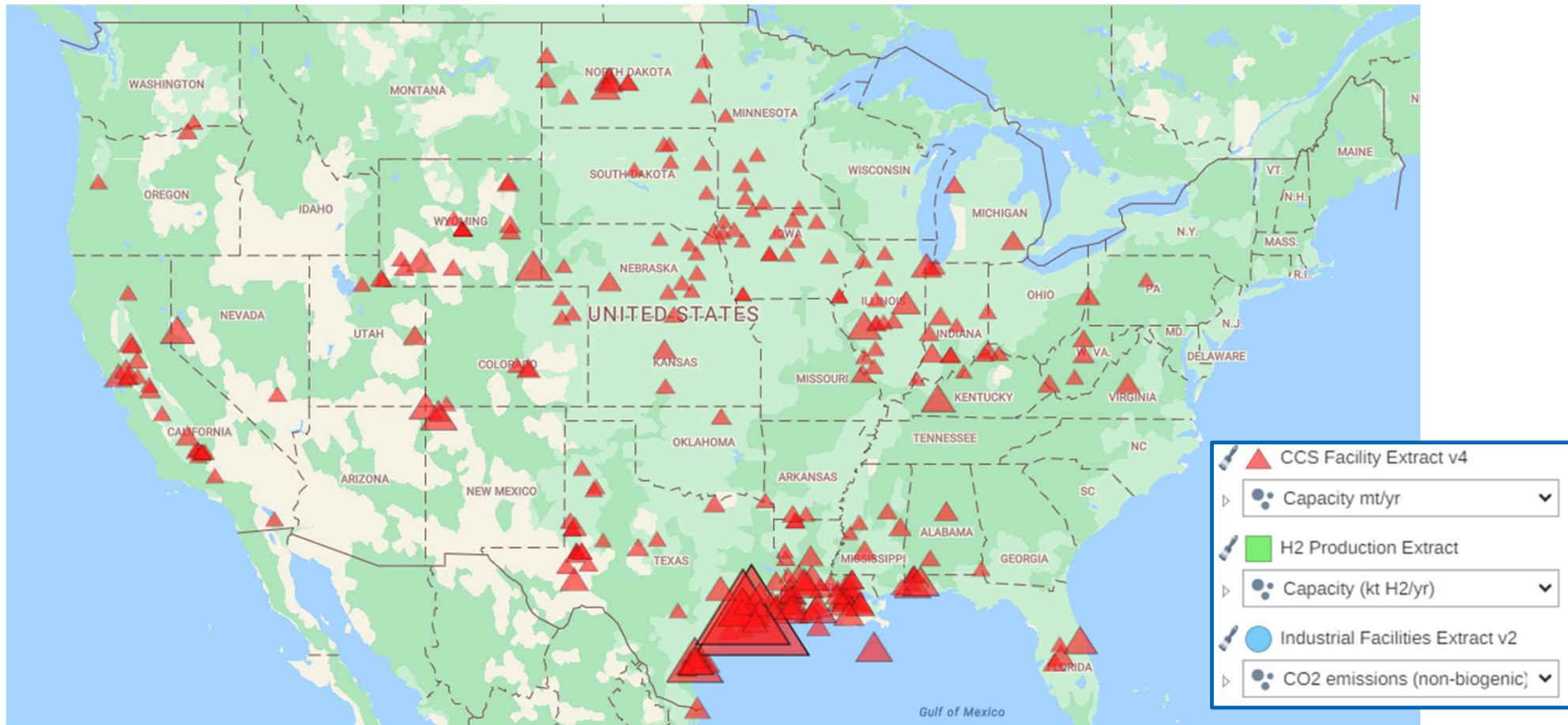
- ICF has included several maps in this deck identifying the location and capacity of future CCS and hydrogen production projects
- These maps also identify industrial facilities and power plants by location and quantity of CO<sub>2</sub> emissions
- Maps were generated using eSpatial (<https://www.espatial.com/>)
  - eSpatial offers a free 2-week trial, and then requires an annual user fee
- The tool also offers an interactive web interface which allows a user to focus on certain regions, or to select individual facilities to access data

# Low Carbon Energy Project Database Results

(US lower 48, all facility types)

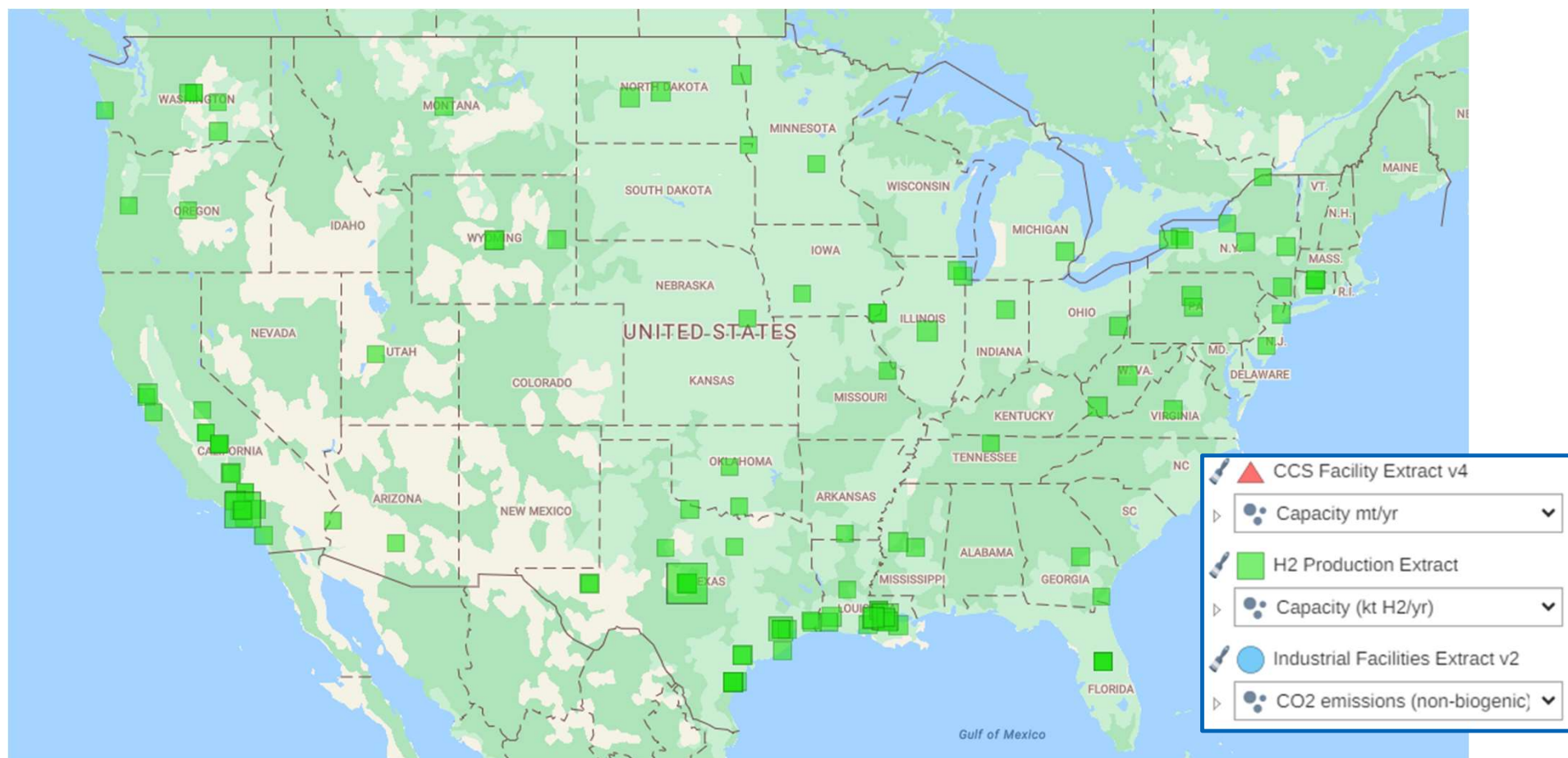


## Carbon Capture, Sequestration, and Utilization Projects by Capacity (mt CO<sub>2</sub>/yr) (US lower 48)

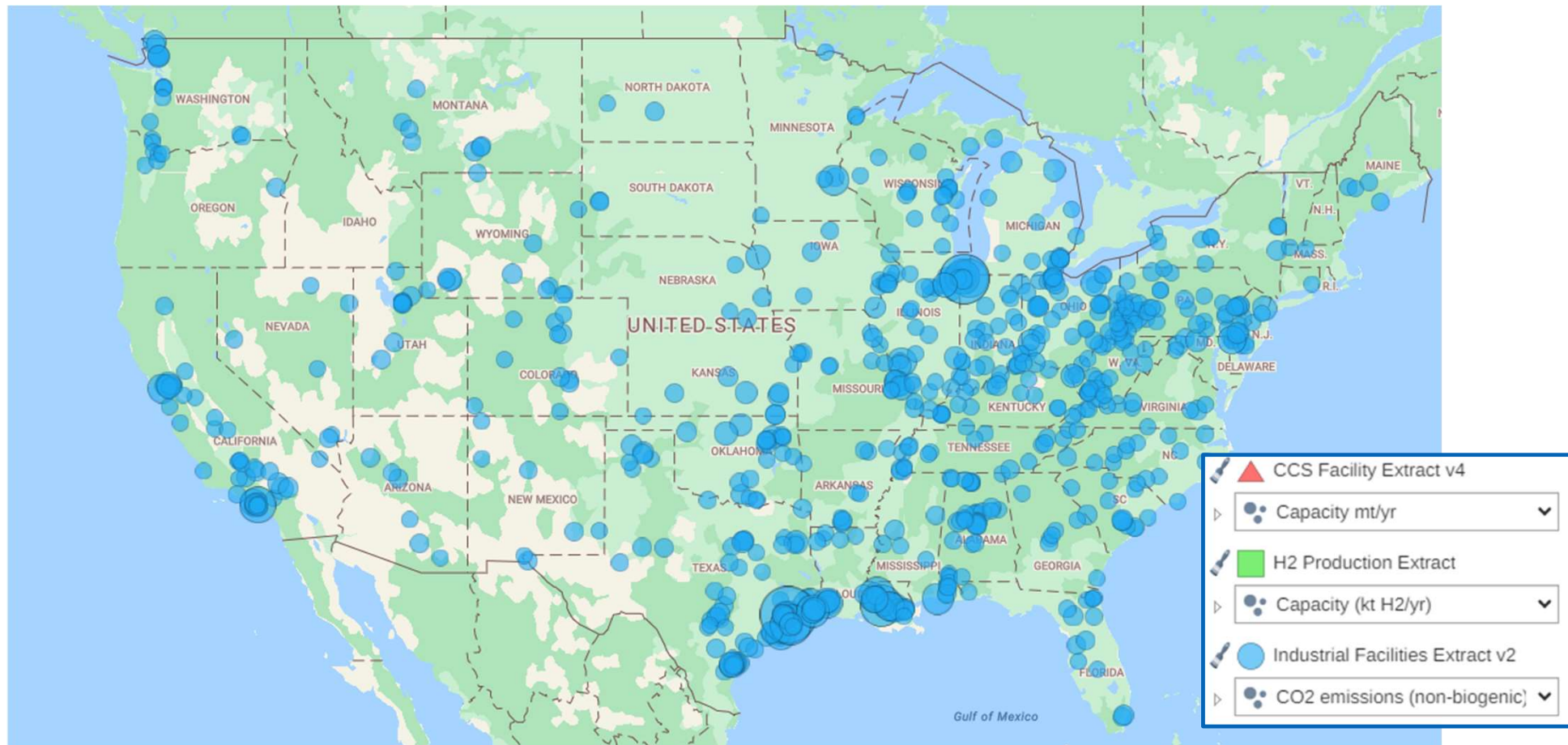


# Hydrogen Production Projects by Capacity (kt H<sub>2</sub>/yr)

(US lower 48)

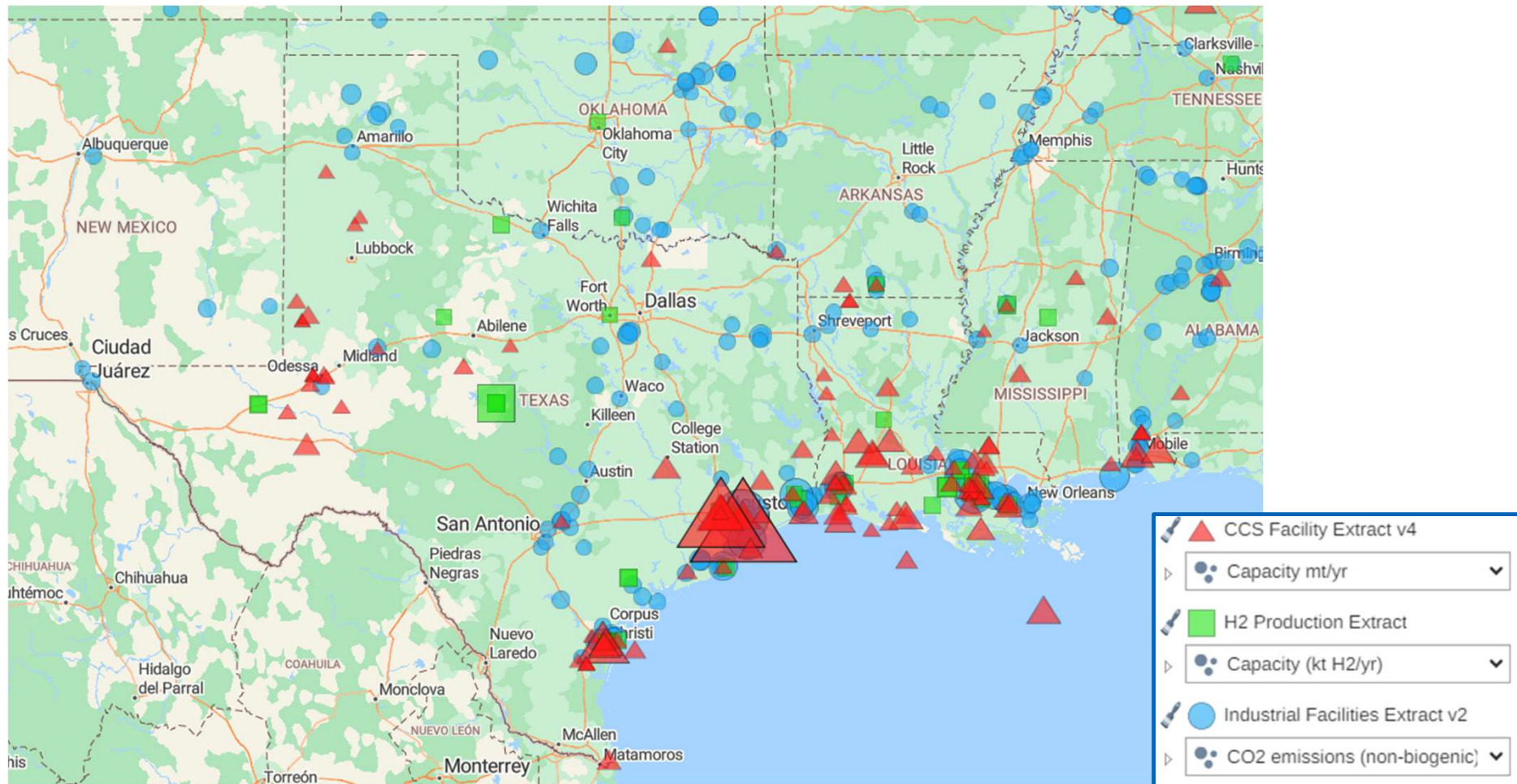


# Industrial Facilities and Power Plant Emissions (CO2 Emissions mt/yr) (US lower 48)



## Low Carbon Energy Project Database Results

(Gulf Coast, all facility types)



## Live Mapping Interface

