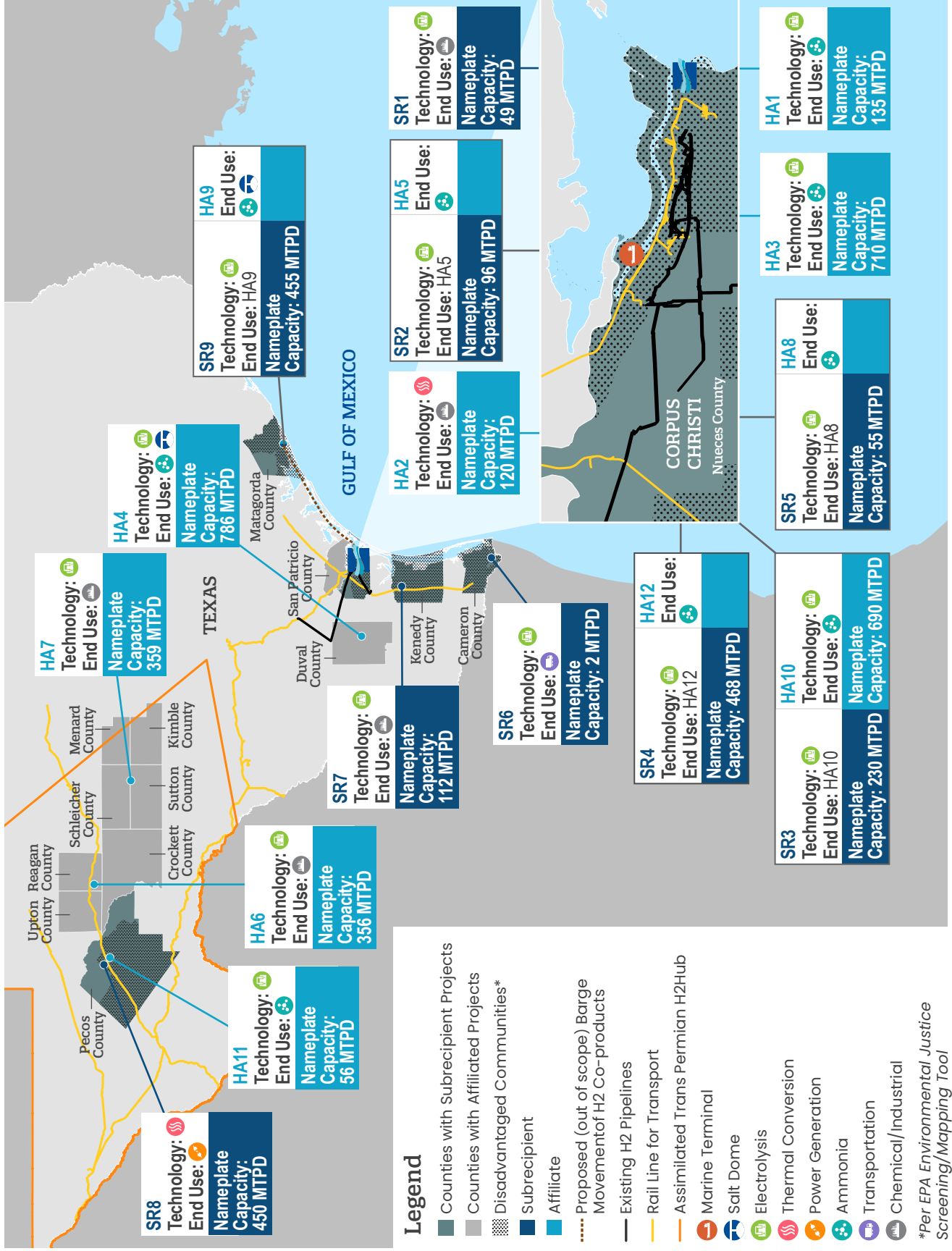


HCH2 Conceptual Schematic
Leveraged Private Sector Investment: \$23 Billion

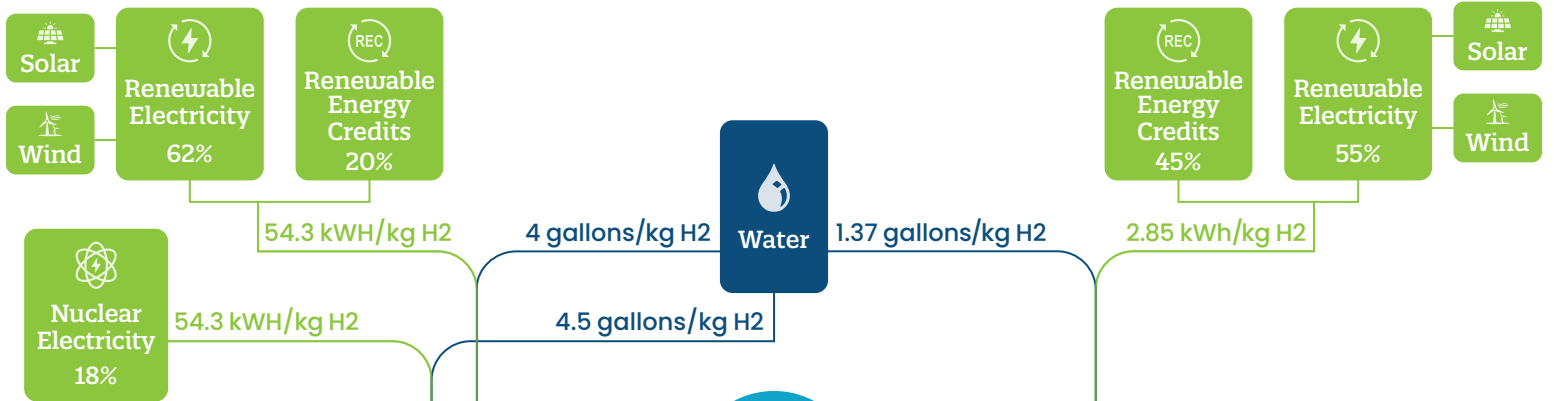


- Legend**
- Countries with Subrecipient Projects
 - Countries with Affiliated Projects
 - Disadvantaged Communities*
 - Subrecipient
 - Affiliate
 - Proposed (out of scope) Barge Movement of H2 Co-products
 - Existing H2 Pipelines
 - Rail Line for Transport
 - Assimilated Trans Permian H2Hub
 - Marine Terminal
 - Salt Dome
 - Electrolysis
 - Thermal Conversion
 - Power Generation
 - Ammonia
 - Transportation
 - Chemical/Industrial

*Per EPA Environmental Justice Screening/Mapping Tool

HCH2 Summary Schematic Process Flow Diagram (jointly funded projects only)

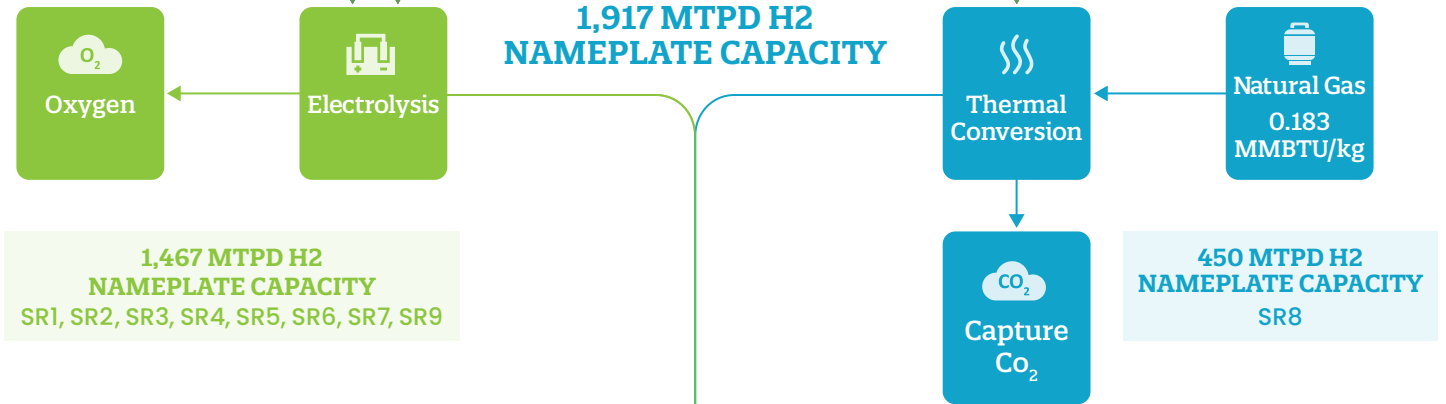
Diverse Feedstock



H2 Production

8 Subrecipients: H2 Production Projects Using Electrolysis

1 Subrecipient: H2 Production Project Using Thermal Conversion



Common Connective Infrastructure



Diverse End-Uses



Hub Impacts

Total Hub H2 production capacity: 5,128 MTPD (including 3,211 MTPD outside of federally funded scope)	H2 Carbon Intensity: 0.36 CO₂e/kg H₂ WTG	Construction Jobs: 21,750	Permanent Jobs: 1,860	GHG Emissions: 90 to 350 MMT Reduction
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