

Costs of renewable H₂ and fossil-based H₂ with CCS for Brazil and EU

→ Fig. 8

LCOH [USD/kg]



● Fossil H₂ with CCS (BR) ● Renewable H₂ Hybrid (BR) ● Fossil H₂ with CCS (EU)

Calculated with Agora LCOH tool (2023). Note: Full load hours of renewables are collected for Rio Grande do Norte and Rio Grande do Sul. Natural gas prices: Ministério de Minas e Energia (BR) and TTF (EU), Fossil H₂ with CCS is based on steam methane reforming with 95% of capture rate. Renewable H₂ is based on the optimised hybrid capacities of wind & photovoltaic including electricity and hydrogen storage costs but excluding transport costs.