









# SESSION HOST:

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HYDROCARBON PROCESSING GAS PROCESSING & LNG

#### Presentation No. 3 of 3, H2 Fuel Cells in the U.S.



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## You are screen sharing Many applications are already emerging New ones would need to grow as the economy decart



Bubble size in the legend corresponds to 1 million metric tons of hydrogen

- Potential hydrogen demand market size in 2030
- Potential hydrogen demand market size in 2050

#### Established and emerging



Distributed

power

Forklifts/ material handling



Trucks: Vans/LCV. medium- and heavy-duty trucks. captive trucks in ports and mines



Light-duty

passenger vehicles: All cars trucks.



Existing feedstock

passenger including taxis, pickup SUVs, crossovers

#### Decarbonization short-term moves



Steel Virgin steel only



Lowcarbon fuels



High-grade industrial heat

Residential and commercial buildings

### Decarbonization long-term moves





Mediumand lowgrade industrial heat

Centralized power

