



ASPIRE 2045: OUR JOURNEY TO CREATING A SUSTAINABLE FUTURE

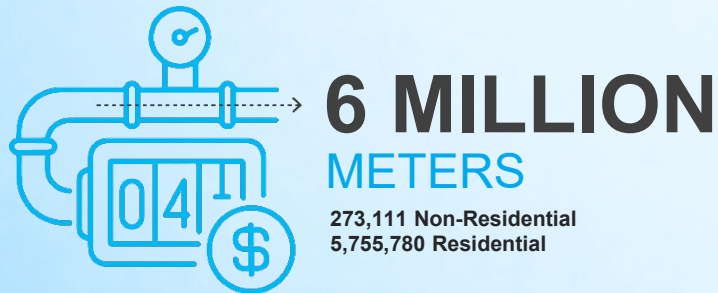
June 20, 2023

Industry Advisory Council



SoCalGas Overview

SoCalGas is the largest natural gas distribution utility in the U.S.



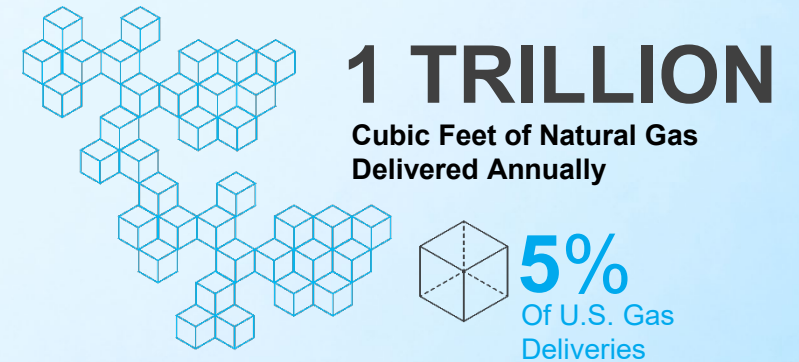
103,477 MILES

Of Distribution Mains & Service Lines

- 50,541 Miles of Services
- 52,936 Miles of Main

3,385 MILES

Of Transmission Pipeline





SUSTAINABILITY

A T S O C A L G A S



CLIMATE COMMITMENT TO NET ZERO

Our climate commitment is to achieve net zero greenhouse gas emissions in our operations and delivery of energy by 2045.



ASPIRE 2045: Five Sustainability Focus Areas



- Accelerating the Transition to Clean Energy



- Protecting the Climate and Improving Local Air Quality



- Increasing Clean Energy Access and Affordability



- Advancing a Diverse, Equitable, and Inclusive Culture



- Achieving World-Class Safety

Read ASPIRE 2045 at
socialgas.com/aspire2045

2025

Renewable Natural Gas (RNG)

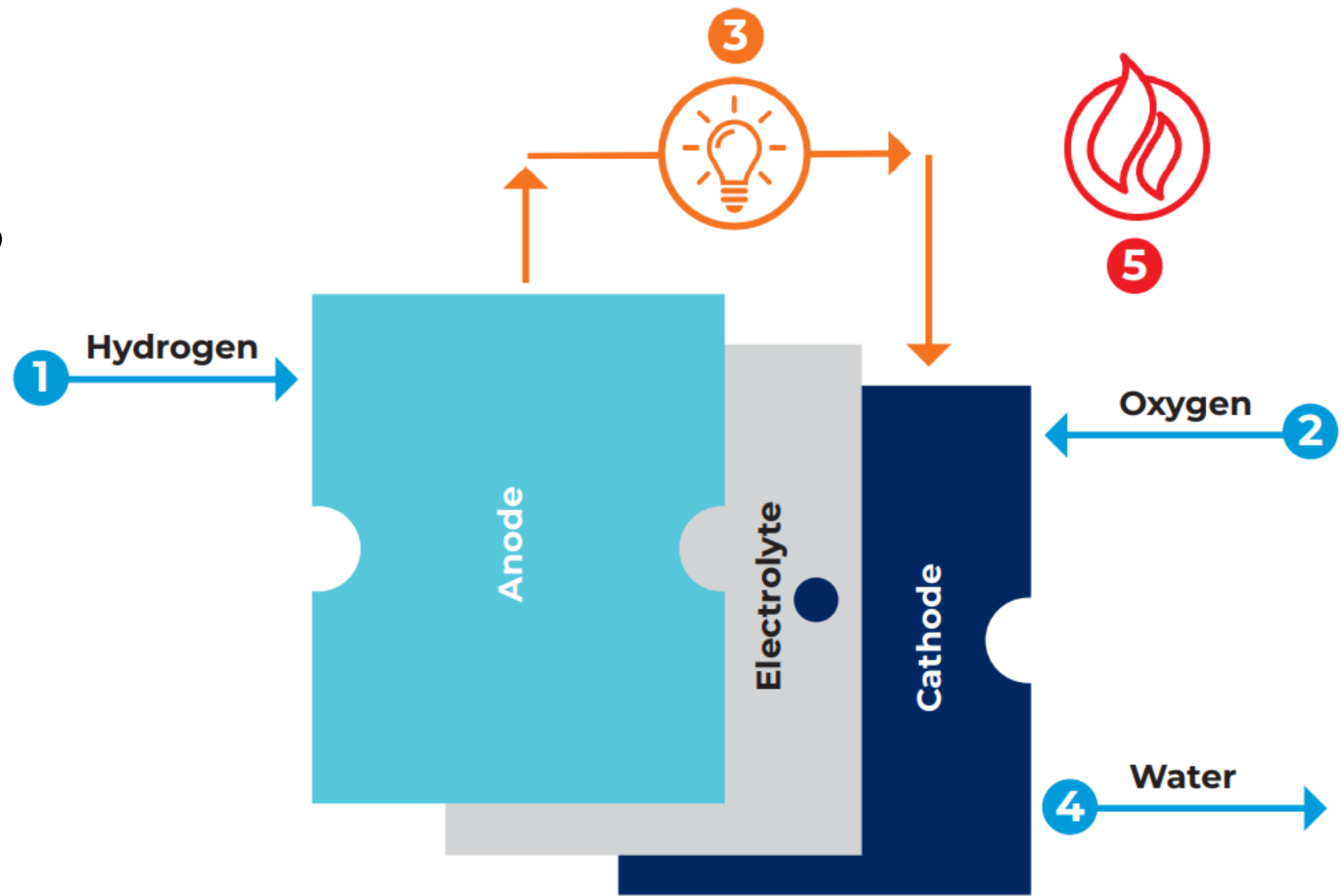
BIOGAS



Power to Gas



H₂ Fuel Cells



INPUT

- 1 Hydrogen Fuel
- 2 Air/Oxygen

OUTPUT

- 3 Oxygen ions react with the fuel in the fuel cell to produce electricity
- 4 Water flows out

Carbon Capture



Angeles Link



25-35 GW Curtailed/New/Solar/Wind
2 GW Batteries



10-20 GW Electrolyzers



Hydrogen infrastructure



14.3 million tons of CO₂
emissions eliminated

Start with 100%
renewable electricity

Utilize renewable electricity that is on the grid or being curtailed to provide power to electrolyzer

Convert it into green
hydrogen with advanced
electrolyzers

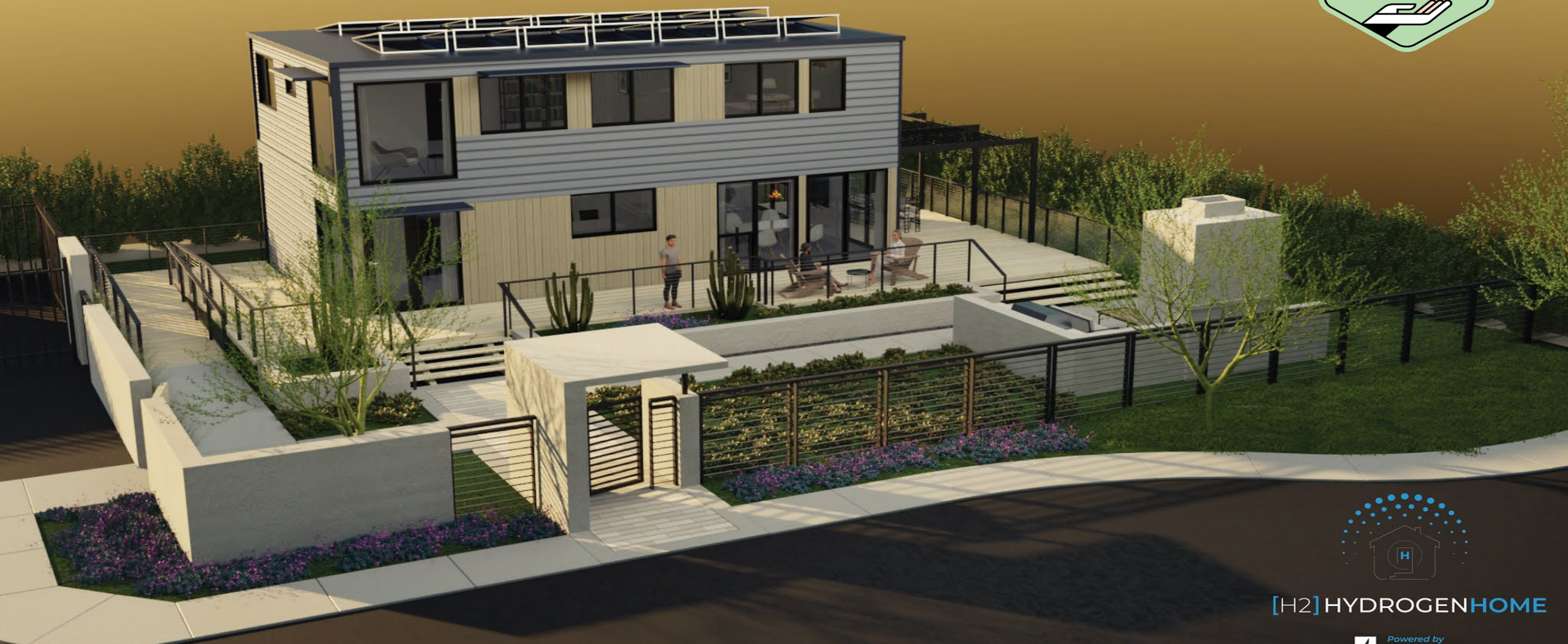
Electrolysis splits water into hydrogen and oxygen -- with virtually zero greenhouse gas and criteria pollutant emissions

Deliver it into LA
Basin by pipeline

SoCalGas will use its expertise in pipeline infrastructure and potential rights-of-way to safely deliver hydrogen from outside of LA Basin to industries that need it most

Use it to decarbonize
sectors that can't be
plugged in

Dispatchable electric generation and hard-to-electrify sectors like manufacturing and heavy-duty transportation are the missing links to solving the most challenging aspect of decarbonization; green hydrogen offers the solution



[H2] HYDROGENHOME

Powered by
SoCalGas.



Part of our *clean-powered* fleet

A young boy with curly hair, wearing a grey hoodie and a red backpack, is seen from the side, looking through a pair of binoculars mounted on a wooden post. He is standing on a wooden railing overlooking a vast landscape. In the distance, a large body of water is visible under a dramatic, cloudy sky. The foreground shows a wooden post and a dirt path.

Thank You