



SHAPING THE FUTURE: **INFORMATIONAL WEBINAR ON ANGELES LINK**

May 2022



Today's Speakers



Maryam Brown
President



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How to Use Teams Live



- Attendees are invited to view the webinar via the web browser app or the mobile app
- Q&A feature will be open, questions may be submitted with your name displaying or anonymously.

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SHAPING THE FUTURE: SoCalGas Company



In business for over 100 years and headquartered in Los Angeles, **SoCalGas®** is North America's **largest gas distribution utility**.

Serving 22 million consumers across **24,000 square miles** of Central and Southern California with affordable, reliable, and increasingly renewable gas service.



SoCalGas has committed to the goal of achieving **net zero greenhouse gas emissions** in its operations and delivery of energy by 2045 while keeping bills affordable for customers.



SoCalGas's mission is to build the **cleanest, safest and most innovative energy company in America**.



SoCalGas's recent **economy-wide technical analysis** shows how clean fuels like green hydrogen can help California achieve its net zero goals more affordably and with less risk than other energy pathways.

SHAPING THE FUTURE:

Executive Summary



The Challenge

California's ambitious climate and clean air-quality goals will not be achievable unless hard-to-electrify sectors of the economy are fully decarbonized, and we're running out of time.

Project Overview

This project to be developed and studied has the potential to replace natural gas-fired electric generation facilities with clean-burning hydrogen, service hard-to electrify industrial sectors, provide the fuel needed to convert the heavy-duty trucking industry from diesel to fuel cells, and could assist in facilitating permanent retirement of Aliso Canyon.

Project Attributes

Produced entirely from renewable electricity – the project could expand our renewable energy storage capabilities, allow us to utilize more renewable electricity and avoid curtailment, reduce emissions in hard-to-electrify sectors, protect stakeholders and communities of concerns, and create and maintain thousands of union jobs in the process.

Why SoCalGas?

With **22 million customers**, SoCalGas serves as a public utility under a regulated utility framework suitable for a project dedicated to public use, has decades-long relationship with the region's largest industrial end-users, more than 100,000 miles of transmission and distribution pipelines already in place, local expertise, and an established track record of project development at scale.

SHAPING THE FUTURE:

Basic Principles This Project Supports



**Advancing wider
climate, clean air
goals core to
project rationale**



**Focused on
hard-to-electrify
sectors (not
homes or
passenger cars)**

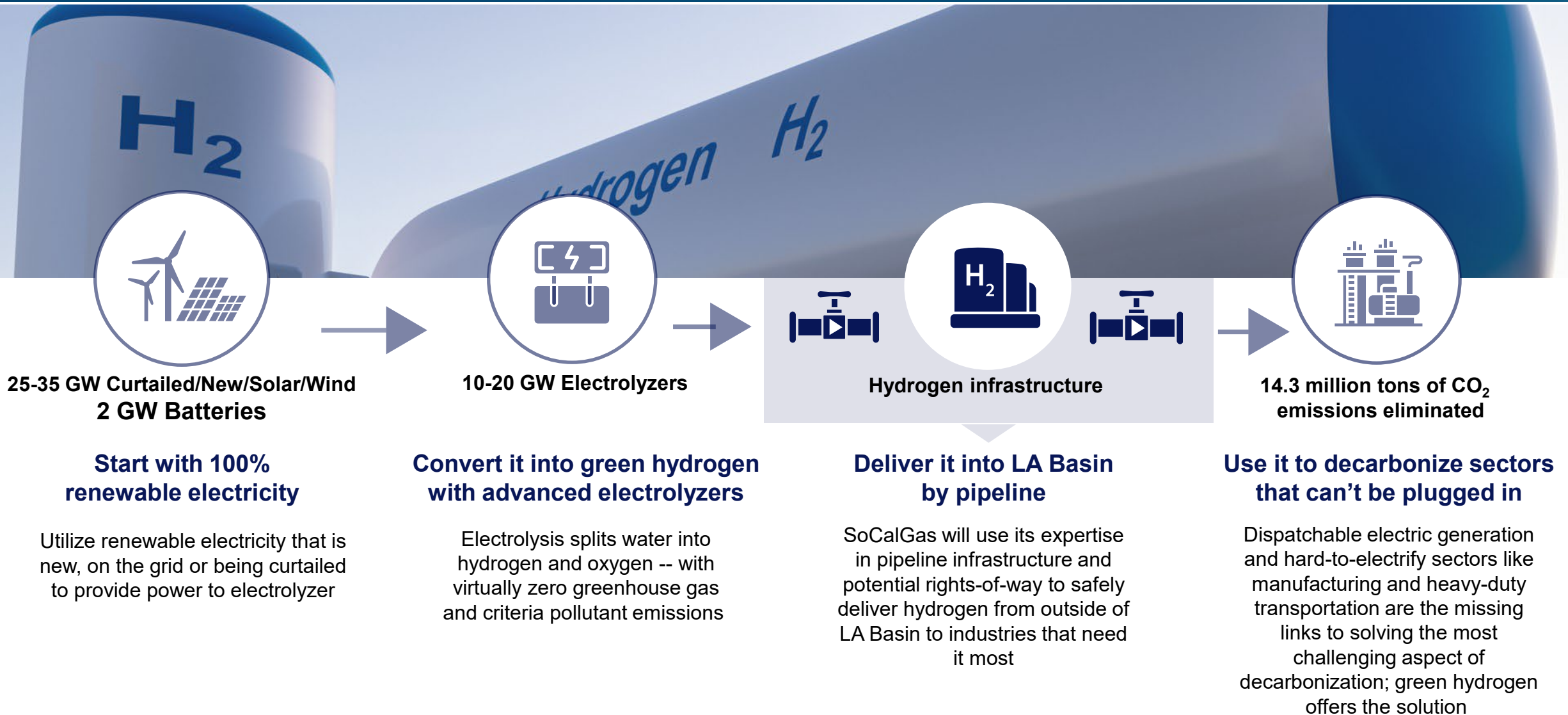


**Stakeholders'
views solicited
and interests are
considered**



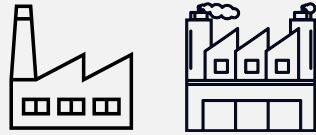
**Help to facilitate
retirement of
Aliso Canyon**

SHAPING THE FUTURE: How Could It Work?

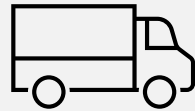


SHAPING THE FUTURE:

Illustrative Scenario to be Considered



Could provide **zero-carbon green hydrogen** to hard-to-electrify end users in the Los Angeles basin



Displace **3 million gallons of diesel per day** reducing NOx (**24,721 tons per year**), PM_{2.5} and other hazardous air pollutants associated with diesel emissions



Could significantly reduce regional natural gas demand to potentially remove **14.3 million metric tons of CO₂**



Equivalent to eliminating **57%** of LA County's large stationary source CO₂ emissions

SHAPING THE FUTURE: How Could It Work?



Green Hydrogen Could Anchor Industrial and Hydrogen Hub in the L.A. Basin

Reliable and scalable delivery
of green hydrogen as demand
grows

Focuses on hard-to-electrify
sectors such as electric
generation, aviation, cement,
chemical manufacturing,
shipping and trucking



SHAPING THE FUTURE:

Proposed Project Phases



The project planning is divided into three phases.



Phase 1

Pre-Engineering, Design,
Environmental Review



Phase 2

Identify Preferred
Option, Refine Design &
Environmental Review



Phase 3

Develop Certification of
Public Convenience and
Necessity
Application, CEQA
Analysis

Continuous Stakeholder Engagement

SHAPING THE FUTURE: Q&A



Please type any questions into the Q&A.

SHAPING THE FUTURE:

How to Stay Engaged



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