



The Path to a Carbon-Neutral California

Central Coast Sustainability Summit



CALIFORNIA

Governor's Office of Business
and Economic Development

October 18, 2023



24.3%

1.5M (1.623M)

10,000 (10,248)

50%

700,000



Our Newest North Star(s)

- **Carbon Neutrality** (AB 1279)
legally binding carbon neutrality by 2045
- **100% Clean Electric Grid** (SB 1020)
100% clean electricity retail sales by 2045
- **Capture and Remove Carbon Pollution** (SB 905) establishes regulatory framework & excludes using tech to recover more oil



September 16, 2022: Governor Newsom signs sweeping legislative package



So, what do we need to do?



2022 Climate Scoping Plan

Unprecedented Deployment of Clean Technology and Nature-Based Climate Solutions



37x total on-road ZEVs



6x electric appliances in residences



1700x hydrogen supply



4x installed wind/solar generation capacity



> 2.5 Million acres of NWL climate action per year

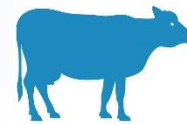
Significant GHG Reductions



94% decrease in liquid petroleum fuel demand



91% decrease in fossil gas used in buildings



66% decrease in methane emissions from agriculture

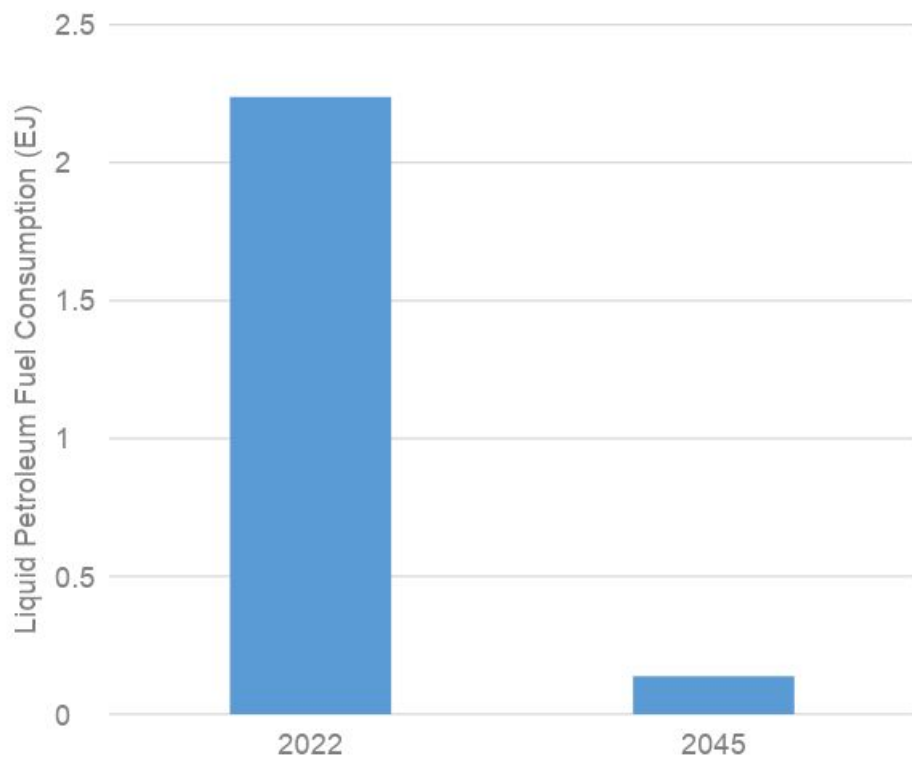


10% reduction in wildfire emissions

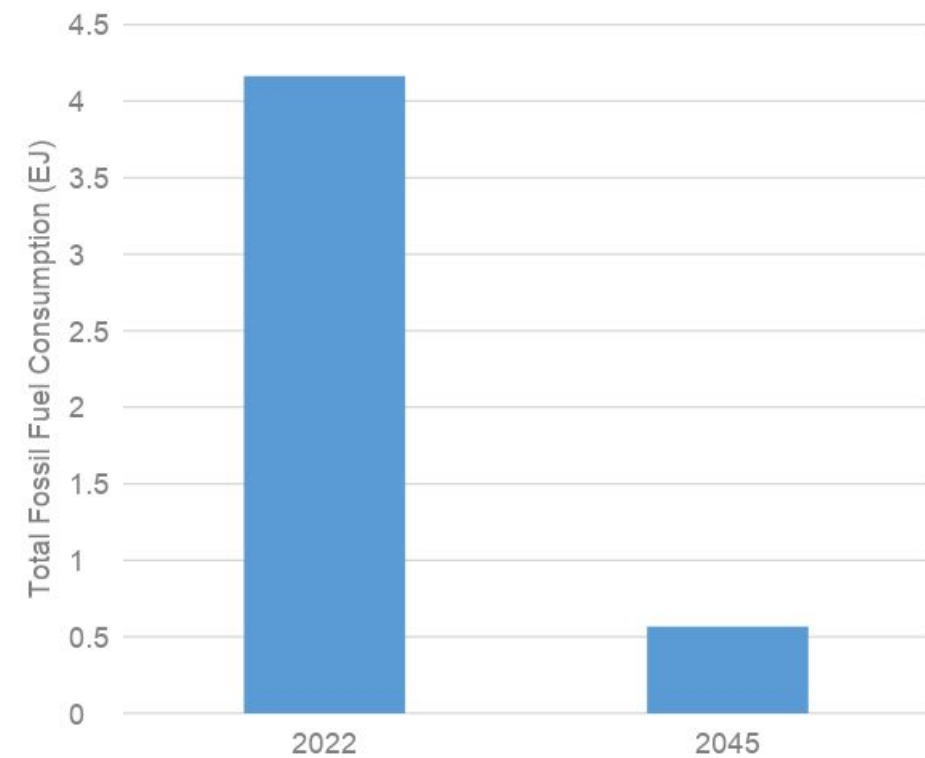


Dramatic Reductions in Fossil Fuel Demand

94% reduction in liquid petroleum



86% reduction in total fossil fuel



In 2045 relative to 2022



Scale.

Implementation.



Learn

+

Adjust



Learn
+
Adjust

Learn
+
Adjust



Centering Equity: A Multipronged Approach



1. High-level Direction & Focus
2. Funding: Largest investment in low-income and disproportionately affected populations in CA history
3. Research & Analysis to Understand Barriers/Opportunities
4. Awareness Building & Assistance Tools/Programs
5. Workforce & Just Transition



Investment



2023-24 Budget



Leveraging Federal Funding



Magnitude of Funding

Infrastructure Investments and Jobs Act (IIJA)

- \$1.2 trillion of investments
- 365 programs in legislation
- Funding Categories:
 - Transportation
 - Climate, Energy, and the Environment
 - Broadband
 - Other

Inflation Reduction Act (IRA)

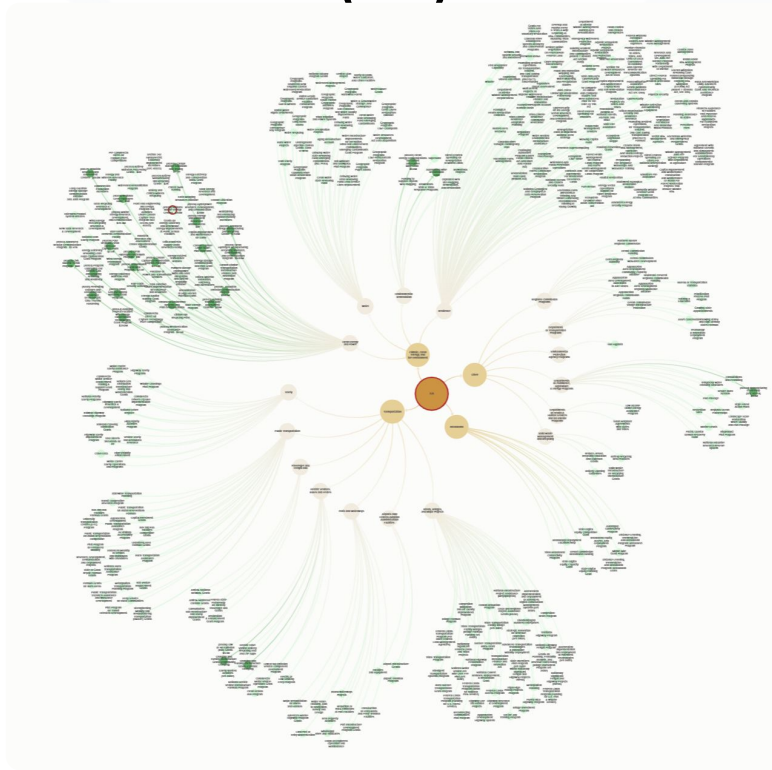
- \$437 billion of investments
- 125 programs in legislation
- Funding Categories:
 - Clean Energy Technology
 - Air Pollution
 - Building Energy Efficiency
 - Low Carbon Federal Operations
 - Climate Smart Agriculture
 - Community Resilience



Magnitude of Funding

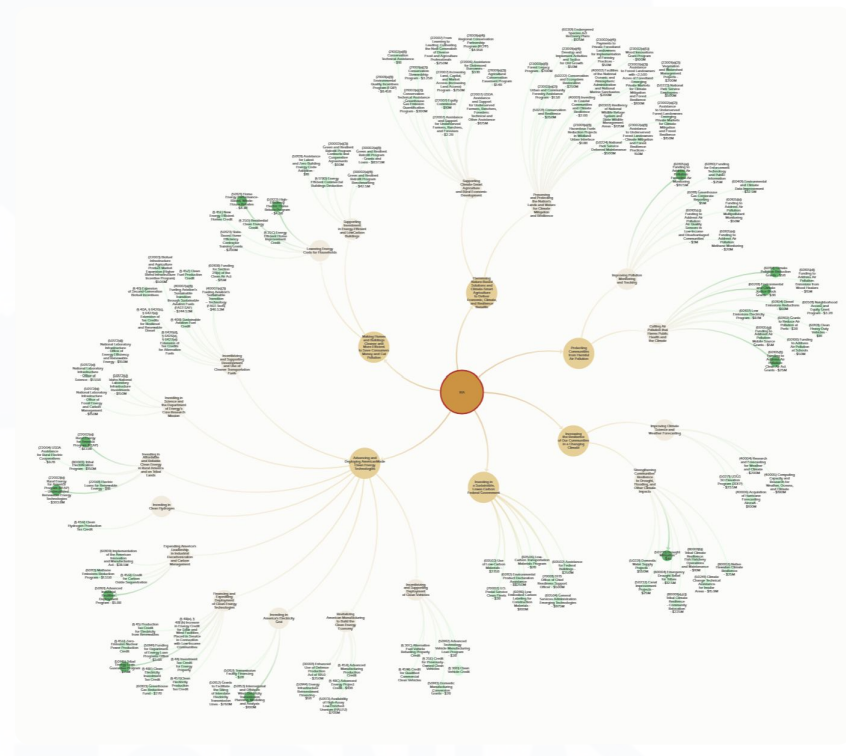
Infrastructure Investments and Jobs Act

(IIJA)



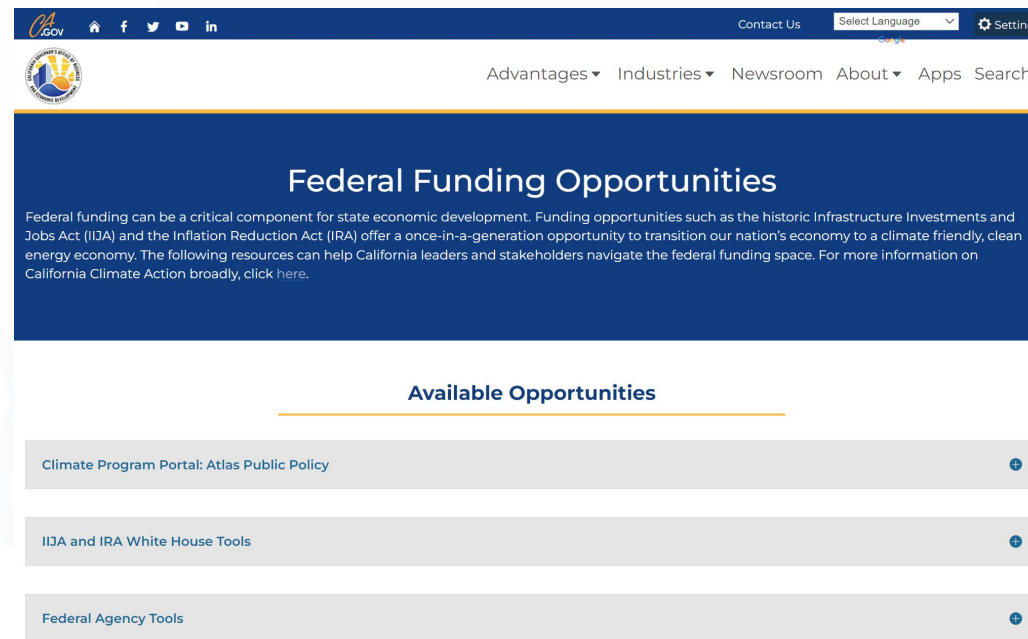
Inflation Reduction Act

(IRA)



GO-Biz Website: Climate and Energy Federal Funding Opportunities

- <https://business.ca.gov/industries/climate-and-clean-energy/federal-funding-opportunities/>



CA.GOV

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Federal Funding Opportunities

Federal funding can be a critical component for state economic development. Funding opportunities such as the historic Infrastructure Investments and Jobs Act (IIJA) and the Inflation Reduction Act (IRA) offer a once-in-a-generation opportunity to transition our nation's economy to a climate friendly, clean energy economy. The following resources can help California leaders and stakeholders navigate the federal funding space. For more information on California Climate Action broadly, click here.

Available Opportunities

- Climate Program Portal: Atlas Public Policy
- IIJA and IRA White House Tools
- Federal Agency Tools



GO-Biz Website: Inflation Reduction Act Tax Credits

- <https://business.ca.gov/industries/climate-and-clean-energy/inflation-reduction-act-tax-credit/>

The screenshot displays the GO-Biz website's page for Inflation Reduction Act (IRA) Tax Credits. The page has a dark blue header with navigation links for Advantages, Industries, Newsroom, About, Apps, and Search. The main content area is also dark blue and features the title "Inflation Reduction Act (IRA) Tax Credits". Below the title, there is a paragraph of introductory text and two buttons: "Tax Credits for Industry, Developers, and Investment" and "Tax Credits for Consumers". The page is currently displaying the "Tax Credits for Industry, Developers, and Investment" section, which is titled "Tax Credits for Industry, Developers, and Investment" and lists "Manufacturing" as a category. A specific credit, "Advanced Energy Project Credit (26 U.S. Code § 48C)", is partially visible at the bottom of the page.



GO-Biz Website: Federal Program Details and Crowdsourcing Form

- <https://business.ca.gov/industries/climate-and-clean-energy/federal-funding-program-details-climate-and-energy/>

Federal Funding Program Details – Climate and Energy

Below is a spreadsheet of federal funding programs being tracked by the Governor's Office of Business and Economic Development (GO-Biz) and partner agencies with a focus on climate and clean energy related funding. Most programs fall within the Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA). The sheet key shows which programs are currently open or closed, upcoming deadlines, and programs we know the state or partners have a plan to pursue funding for, and programs we are seeking applicants for. For more information on federal funding opportunities and resources, click here. To learn more about California Climate Action, click here.

Federal Funding Tracker

We would love your help. To use the form, you can do a keyword search (e.g., **Ctrl + F** or **Command + F**) to find programs of interest. If you have information or questions, please click on the button below for a very short questionnaire. Thank you!

[GO-Biz Federal Funding – Crowd Source Form](#)

GO-Biz Fed Funding Tracker (Public)

Plan Status	Program Title	Next Deadline	Act	Act Section	Open/Closed	Total National Funding	Website	Modified	
Sheet Key & Information									
1	Open Opportunity (can still apply)	Deadline within 45 days						06/06/23 12:59 PM	
2	Upcoming Opportunity							05/03/23 3:55 PM	
3	←At least one application from CA (planned or submitted, any applicant known to GO-Biz)							06/05/23 10:32 AM	
4	←Plan being formed (that GO-Biz is aware of)							06/05/23 10:32 AM	
5								06/06/23 1:21 PM	

GO-Biz Fed Funding Tracker (Public)

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5								06/06/23 1:21 PM	
6								06/06/23 1:16 PM	
7								06/06/23 1:13 PM	
8								06/06/23 12:59 PM	
9								06/06/23 1:04 PM	
10								06/06/23 1:04 PM	
US DOE									
11	Hydrogen Hub	Decision expected Fall 2023	IIJA/BIL	40314	Closed	\$8,000,000,000	https://www.energy.gov	06/06/23 1:04 PM	
12	Grid Resilience & Innovation Partnerships (GRIP) - Umbrella		IIJA/BIL			\$10,500,000,000	https://www.energy.gov	06/06/23 1:20 PM	
13	Grid Innovation Program (topic area 3) (aka Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency) (40103(b))	05/19/23	IIJA/BIL	40103(b)	Closed	\$5,000,000,000	https://www.energy.gov	06/06/23 1:04 PM	
14	Smart Grid Grants (GRIP Topic/Funding Area 2) - 40107		IIJA/BIL			\$3,000,000,000	https://www.energy.gov	07/03/23 2:33 PM	
15	Grid Resilience Utility and Industry Grants (GRIP Topic/Funding Area 1) - 40101(c)		IIJA/BIL			\$2,500,000,000	https://www.energy.gov	06/06/23 1:04 PM	
16	Preventing Outages & Enhancing the Resilience of the Electric Grid (40101(d))	08/31/23	IIJA/BIL	40101(d)	Open for those who have submitted LOIs/CPs	\$5,000,000,000	https://www.energy.gov	07/03/23 2:33 PM	
17	State Energy Program (SEP) (40109)		IIJA/BIL	40109	Closed	\$500,000,000	https://www.energy.gov	07/03/23 2:33 PM	
18	Four Regional Clean Direct Air Capture Hubs (40308)		IIJA/BIL	40308	Closed	\$3,500,000,000	https://www.energy.gov	06/06/23 1:04 PM	
19	Energy Efficiency & Conservation Block Grant Program (Formula) (EECBG) (40552)	07/31/23	IIJA/BIL	40552	Closed	\$550,000,000	https://www.energy.gov	08/16/23 11:58 AM	
20	Industrial Emission Demonstration Projects (IIJA: 41008)	08/11/23	IIJA/BIL	41008	Closed	\$500,000,000	https://www.energy.gov	08/16/23 12:00 PM	



CA = #1 by total dollars



CLIMATE
PROGRAM
PORTAL

\$28bn
Funding Awarded

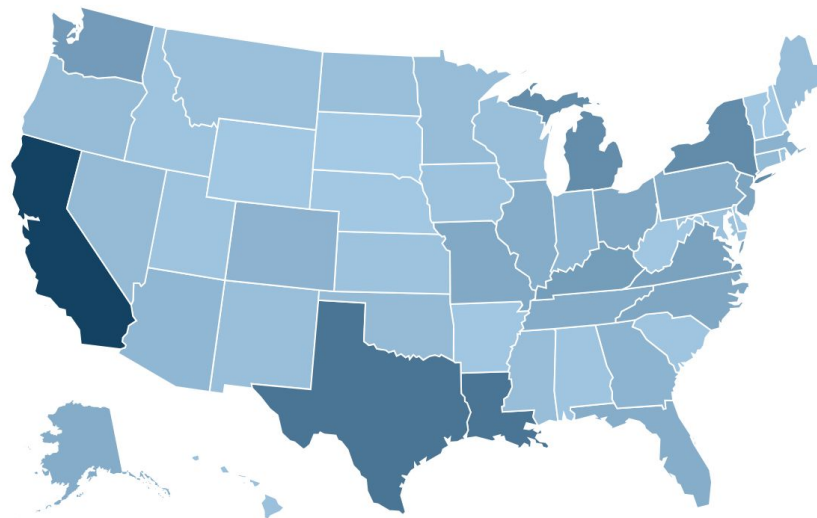
56
Programs With Awarded
Funding

72
Awards

4,983
Projects

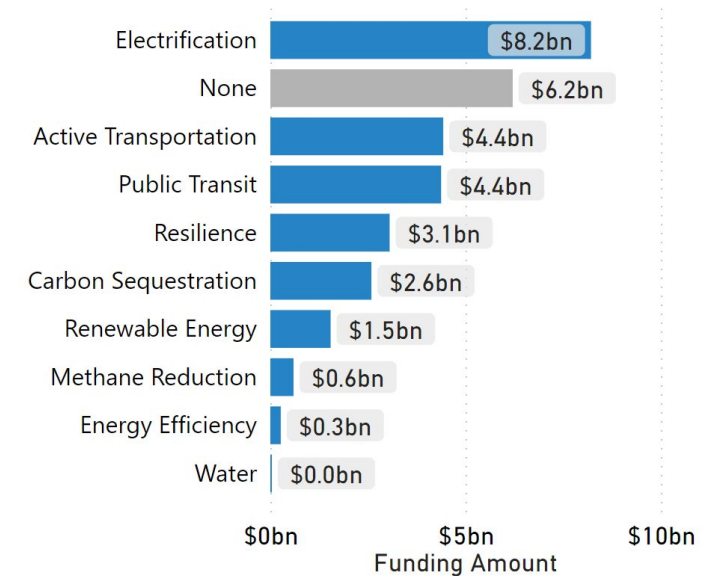
Funding Awarded by State

Total Per Capita \$0.07bn \$2.88bn



Funding Awarded by Climate Elements

Projects can address multiple climate elements in which case the entire project funding is counted for each element.



But 28th per capita



CLIMATE
PROGRAM
PORTAL

\$28bn

Funding Awarded

56

Programs With Awarded
Funding

72

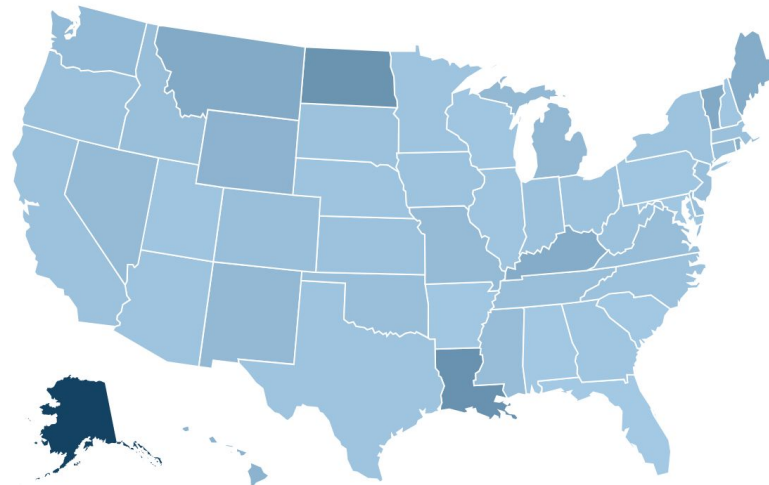
Awards

4,983

Projects

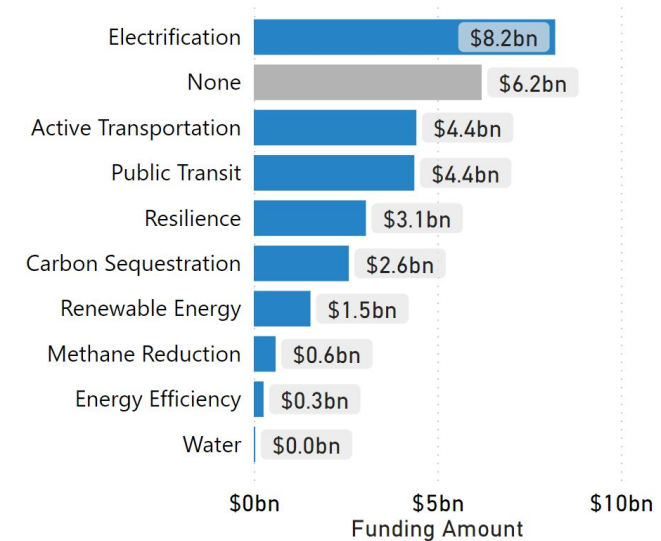
Funding Awarded by State

Total **Per Capita** \$30 \$939



Funding Awarded by Climate Elements

Projects can address multiple climate elements in which case the entire project funding is counted for each element.



Let us know if you are applying – we can often help with Letters of Support



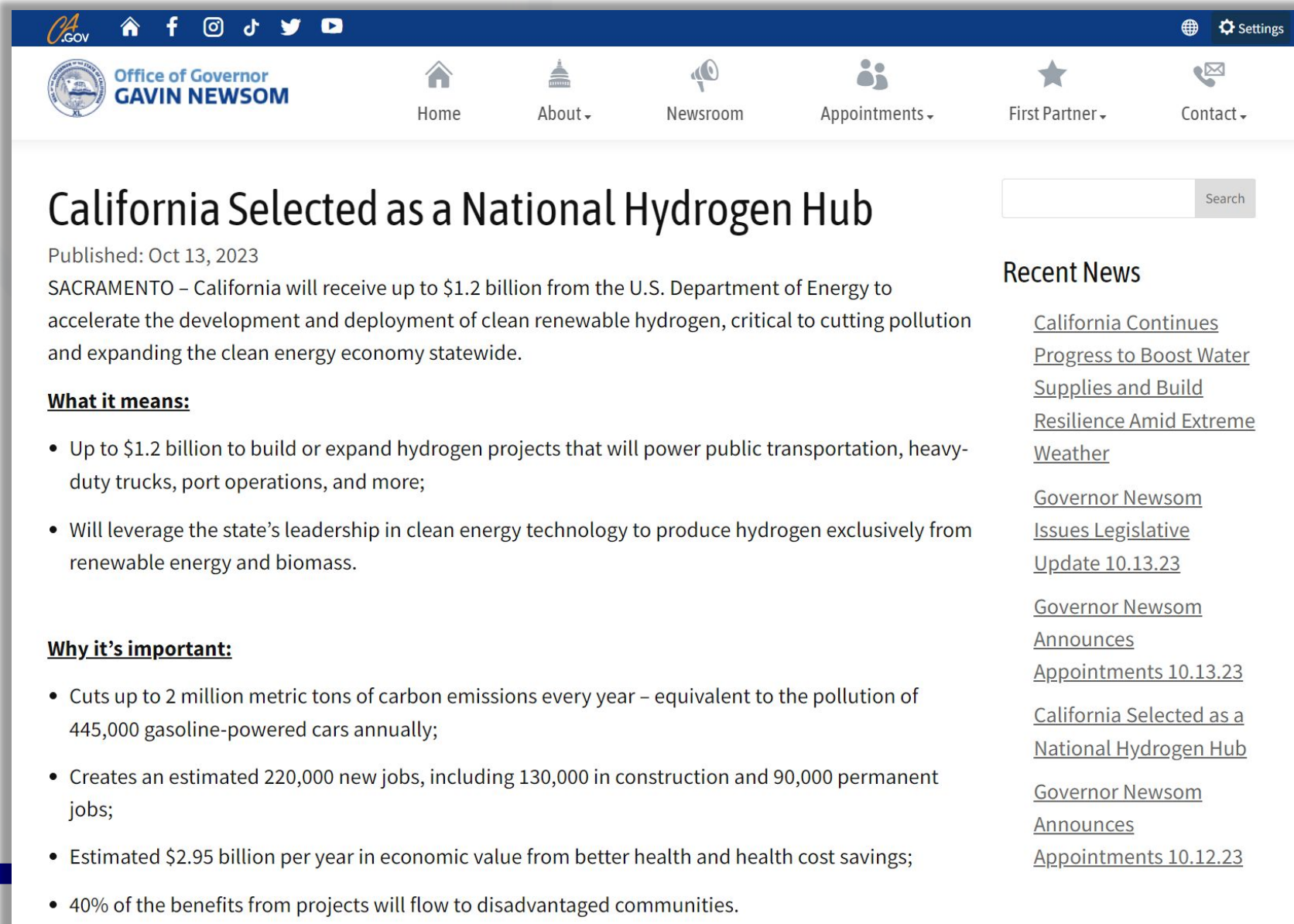
10:1





Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES) – California H2Hub

ARCHES Awarded Up to \$1.2 Billion



The screenshot shows the website for the Office of Governor Gavin Newsom. The main headline is "California Selected as a National Hydrogen Hub", published on October 13, 2023. The article text states that California will receive up to \$1.2 billion from the U.S. Department of Energy to accelerate the development and deployment of clean renewable hydrogen. The article includes sections for "What it means:" and "Why it's important:", both containing bulleted lists of key points. A "Recent News" sidebar on the right lists several other news items, including one that is a duplicate of the main article.

California Selected as a National Hydrogen Hub
Published: Oct 13, 2023

SACRAMENTO – California will receive up to \$1.2 billion from the U.S. Department of Energy to accelerate the development and deployment of clean renewable hydrogen, critical to cutting pollution and expanding the clean energy economy statewide.

What it means:

- Up to \$1.2 billion to build or expand hydrogen projects that will power public transportation, heavy-duty trucks, port operations, and more;
- Will leverage the state’s leadership in clean energy technology to produce hydrogen exclusively from renewable energy and biomass.

Why it’s important:

- Cuts up to 2 million metric tons of carbon emissions every year – equivalent to the pollution of 445,000 gasoline-powered cars annually;
- Creates an estimated 220,000 new jobs, including 130,000 in construction and 90,000 permanent jobs;
- Estimated \$2.95 billion per year in economic value from better health and health cost savings;
- 40% of the benefits from projects will flow to disadvantaged communities.

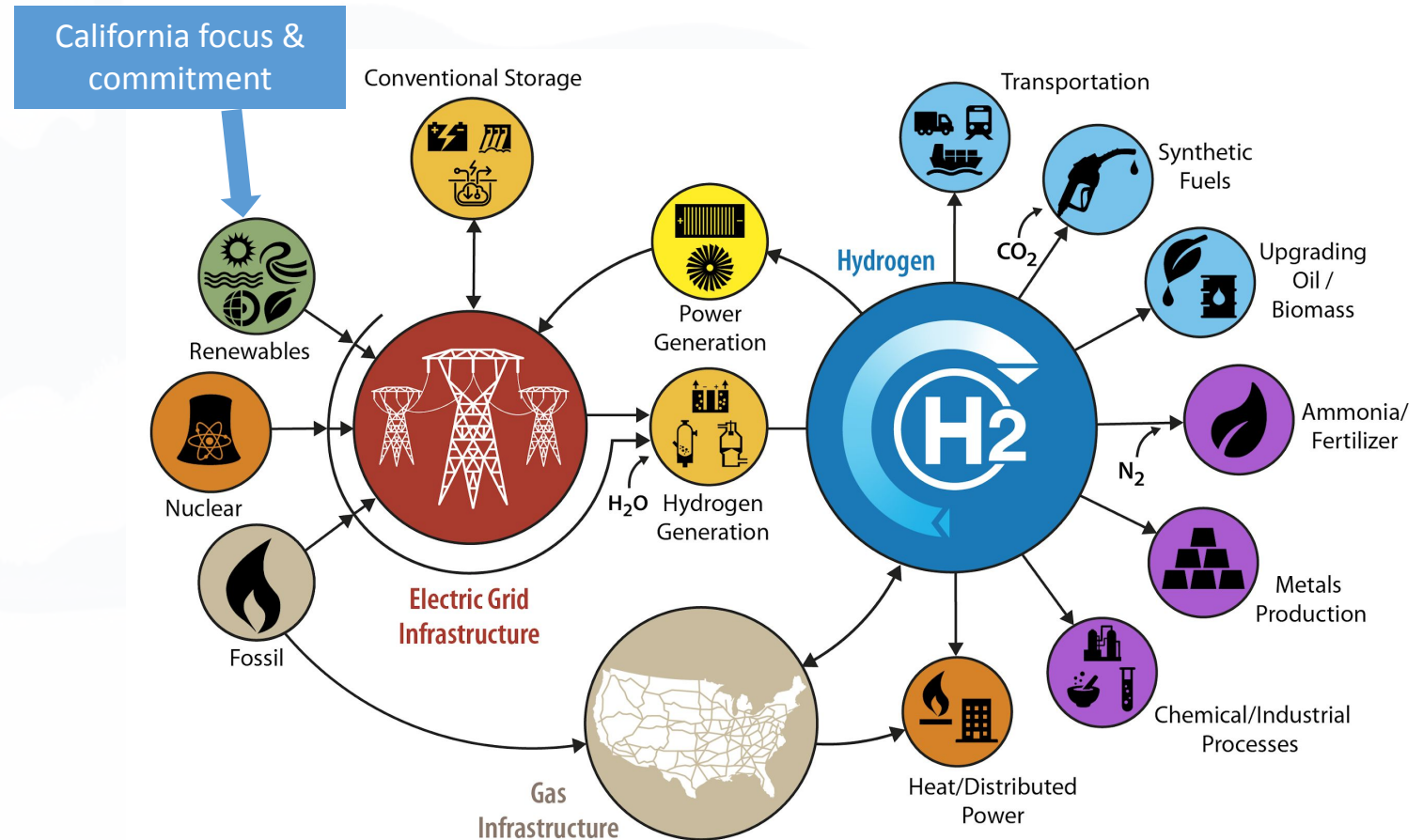
Recent News

- [California Continues Progress to Boost Water Supplies and Build Resilience Amid Extreme Weather](#)
- [Governor Newsom Issues Legislative Update 10.13.23](#)
- [Governor Newsom Announces Appointments 10.13.23](#)
- [California Selected as a National Hydrogen Hub](#)
- [Governor Newsom Announces Appointments 10.12.23](#)



IIJA and IRA: H2 Highlights

- IIJA includes \$9.5B for clean hydrogen (organize)
 - \$8B for at least 4 regional clean hydrogen hubs
 - \$1B for electrolysis research, development, and demonstration
 - \$500M for clean hydrogen technology manufacturing and recycling R&D
- IRA includes up to \$3/kg tax credits for clean hydrogen production (scale)
- **Hydrogen can decarbonize the hard to decarbonize sectors**





ARCHES Mission & Goals

ARCHES is a public-private partnership to create a sustainable statewide renewable, clean hydrogen market and ecosystem in California and beyond. **ARCHES** utilizes renewable resources to produce hydrogen with the objective to **fully decarbonize the regional economy**

- ∅ Establish an exemplary **renewable, clean H₂ Hub in California by 2030**
- ∅ Kickstart **commercial viability of H₂**
 - q Focus on hard-to-decarbonize sectors: **Ports, Power, HD Transportation**
 - q Initiate expansion to: **Heavy Industry, Aviation, Maritime, Agriculture, and others**
- ∅ **Meet CA and National carbon neutrality goals**



ARCHES Mission

- **ARCHES** is a **public-private partnership** to create a **sustainable statewide renewable, clean hydrogen (H₂) market and ecosystem** in California and beyond

- **ARCHES** utilizes **renewable resources** to produce hydrogen with the objective to **fully decarbonize the regional economy**

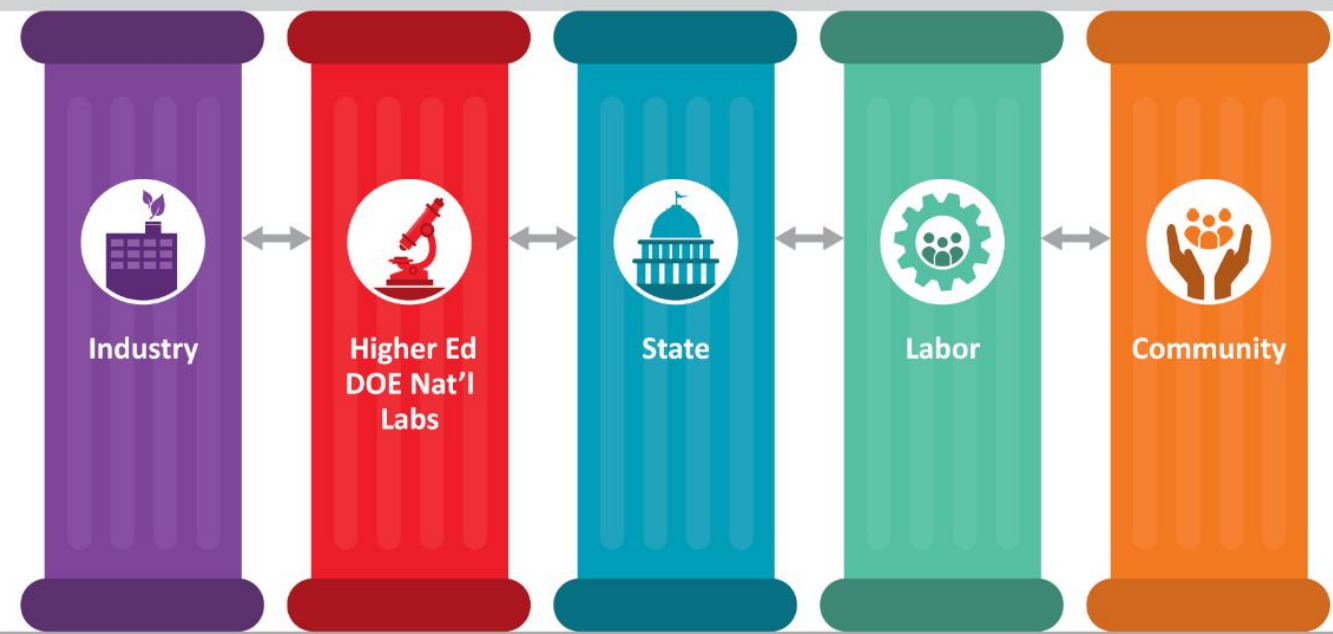
- **ARCHES** prioritizes
 - ❖ Environmental Justice
 - ❖ Equity
 - ❖ Economic Leadership
 - ❖ Workforce Development
 - ❖ Hydrogen Market Viability



ARCHES

ARCHES Key Differentiators

- Infrastructure Availability
- Industry Readiness
- Offtake Resilience
- Market Catalyst
- Community Connectivity
- Delivery Certainty

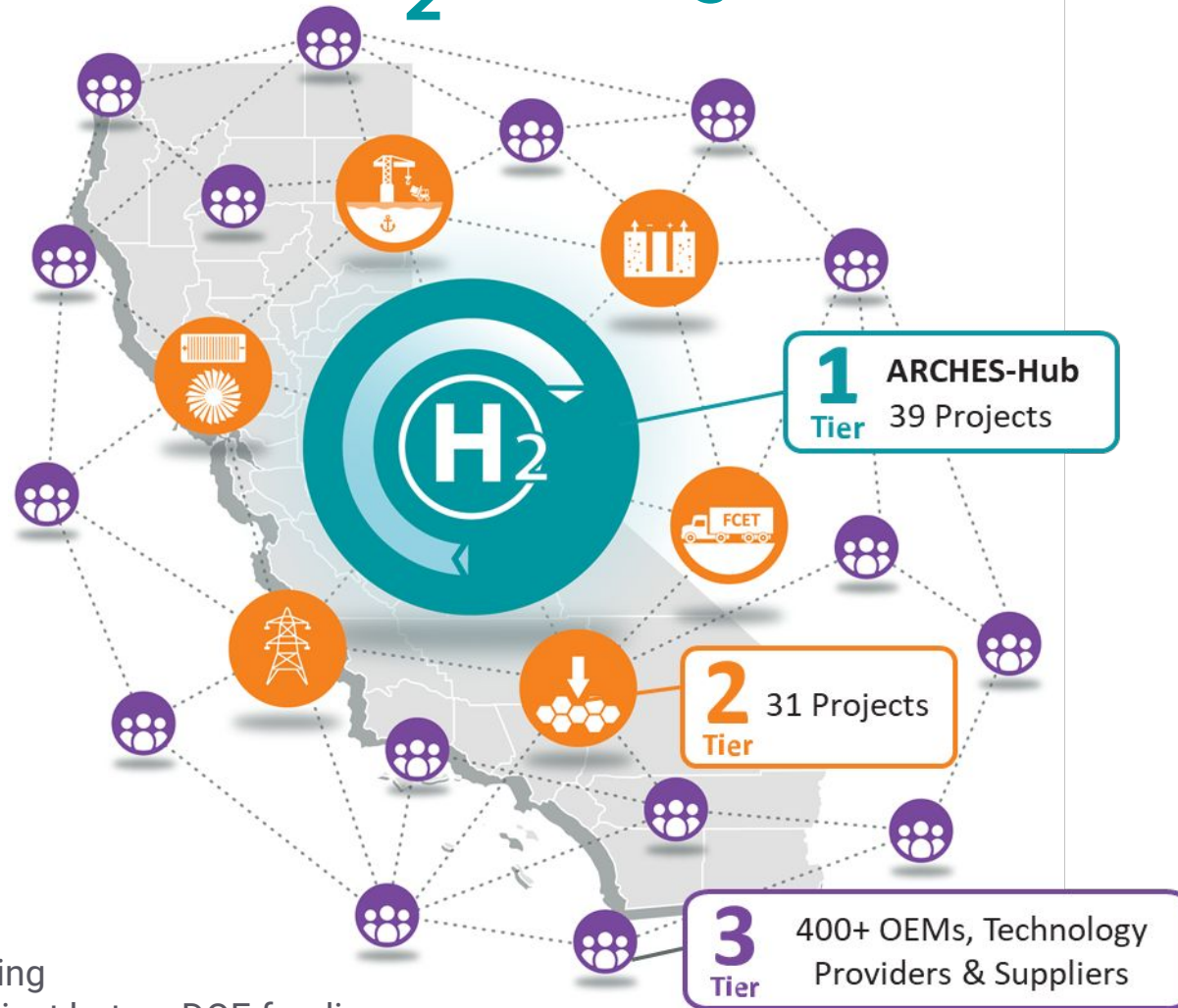


ARCHES Principles

- Statewide
- Green/Clean
- Stakeholder & Community Engaged
- Equity & Justice Centered
- Aligned with State Interests
- Solution-Oriented
- Objective & Unbiased
- Multi-dimensional
- Connected
- Delivery Certainty



The Resilient H₂ Ecosystem for California



Tier 1 = DOE funding

Tier 2 = viable project but no DOE funding

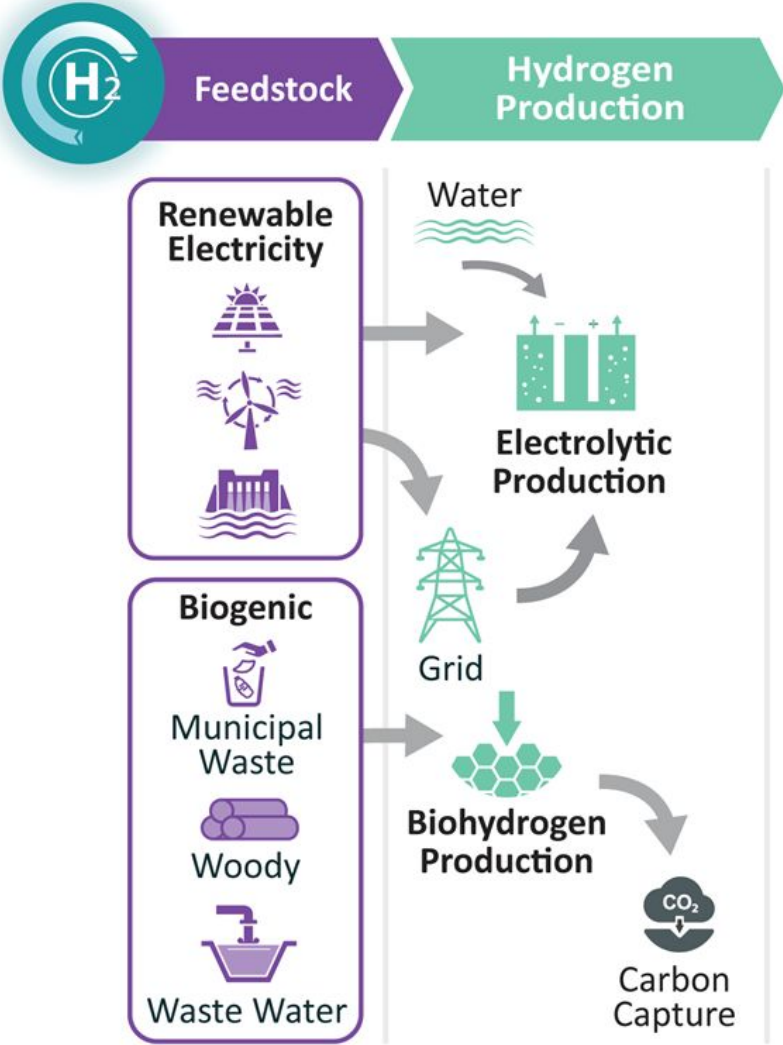


ARCHES Hydrogen Flow



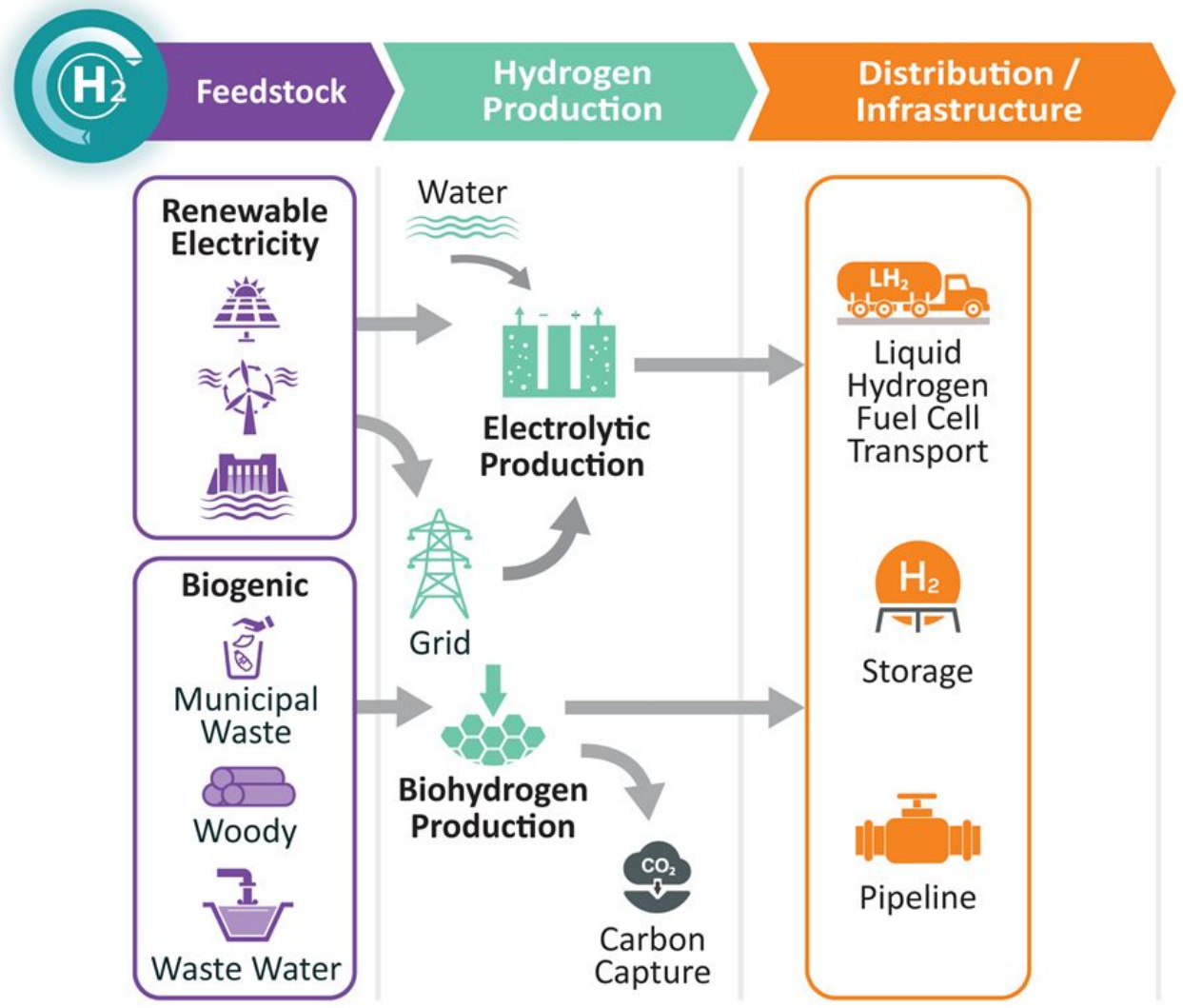


ARCHES Hydrogen Flow



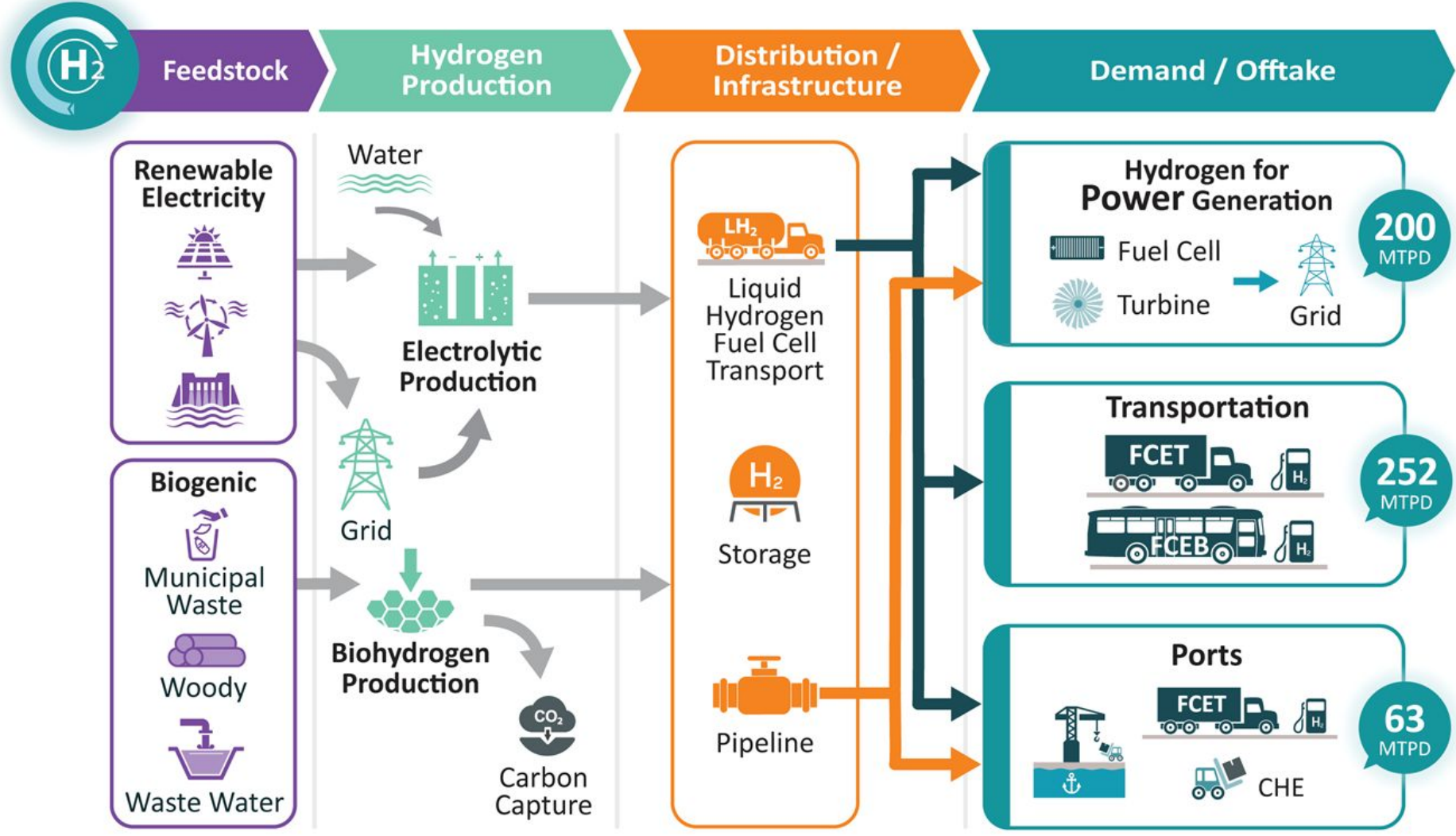


ARCHES Hydrogen Flow





ARCHES Hydrogen Flow





ARCHES Achieves Market Liftoff

DEPLOYMENT

Average delivered H₂ cost to end use kg

\$7.65
w/o any
PTC



\$5.04
with PTC
& LCFS

165 Miles of
new H₂
pipeline
(30 existing)



~5,500 Class
6 & 8
trucks



-0.15 Average
life-cycle
carbon
intensity



1,080 Transit
buses



Heavy-duty HRS

66
Public



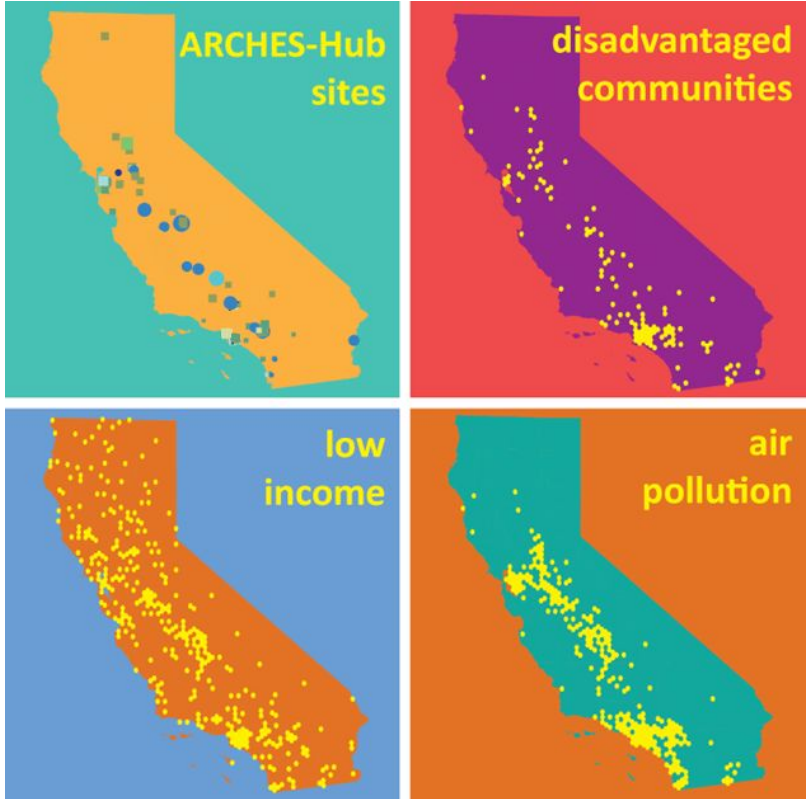
24
Private/
Transit

232 Port cargo
handling
equipment





Communities Will Benefit



*EJ40 database and CalEnviroScreen

COMMUNITY

- ▲ **\$2.95 billion** Economic value of increased health* and associated health costs savings per year
- ▲ **222,400** Number of jobs created per year
- ▼ **2,097** Fewer hospitalizations for respiratory & cardiac illness per year
- ▼ **13,292** Fewer work loss days per year
- ▼ **6,900** Nitrogen oxide net emissions avoided MTPY
- ▼ **239** Sulfur dioxide net emissions avoided MTPY
- ▼ **326** Particulate matter net emissions avoided MTPY
- ▼ **48** Fewer premature deaths per year
- ▲ **\$380 million** Invested in community benefits & workforce development

*Reduced premature death, asthma, cancer risk, missed work days

H2 Market Development Strategy

Leverage hydrogen to accelerate clean energy deployment and decarbonize our transportation and industrial sectors



The screenshot shows the website for the Office of Governor Gavin Newsom. The header includes the logo and name of the office, along with navigation links for Home, About, Newsroom, Appointments, First Partner, and Contact. A search bar is located on the right side of the header. The main content area features a news article titled "Governor Newsom Announces New Strategy to Develop a Hydrogen Economy of the Future", published on August 08, 2023. The article text describes the Governor's directive to the GO-Biz to develop California's Hydrogen Market Development Strategy, which aims to build up a clean, renewable hydrogen market. A quote from Governor Newsom is included, along with a section titled "WHY IT'S NEEDED:" containing two bullet points. A "Recent News" sidebar on the right lists several other news items with underlined titles.

Office of Governor GAVIN NEWSOM

Home About Newsroom Appointments First Partner Contact

Governor Newsom Announces New Strategy to Develop a Hydrogen Economy of the Future

Published: Aug 08, 2023

SACRAMENTO – Governor Gavin Newsom has [directed](#) the Governor’s Office of Business and Economic Development (GO-Biz) to develop California’s Hydrogen Market Development Strategy, employing an all-of-government approach to building up California’s clean, renewable hydrogen market. It will closely resemble the [Zero-Emission Vehicle Market Development Strategy](#) to help California collectively move forward and deliver zero-emission benefits to all Californians.

“California is all in on clean, renewable hydrogen – an essential aspect of how we’ll power our future and cut pollution,” **said Governor Newsom**. “This strategy will lay out the pathway for building a robust hydrogen market to help us fully embrace this source of clean energy.”

WHY IT’S NEEDED:

- Expanding the market for clean, renewable hydrogen is key to achieving California’s climate goals – especially for a clean electric grid, net-zero carbon emissions, and drastically cutting air pollution.
- California is currently competing to become a federally funded [Hydrogen Hub](#), a program that will leverage \$8 billion from the Bipartisan Infrastructure Law to establish at least four Hydrogen Hubs across the United States.

Recent News

[GETTING LOCAL: Protecting People from Wildfires & Disasters](#)

[WHAT THEY ARE SAYING: Kids Groups, Counties & More Respond Positively to Progress on Governor Newsom’s Proposed Mental Health Reform](#)

[Governor Newsom Triples CHP Support to Assist Los Angeles in Organized Retail Theft Crack Down](#)

[More Trees, Less Asphalt at School](#)

[Governor Newsom](#)



GO-Biz H2 Page

Get Involved



California's Hydrogen Market Development Strategy

Renewable hydrogen will play a pivotal role in achieving California's climate goals by cutting emissions in difficult to decarbonize sectors. California's Hydrogen Market Development Strategy will engage stakeholders and all segments of government in close partnership with the Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES), to jump start the budding clean hydrogen economy. GO-Biz is encouraging stakeholders to provide input that will inform and improve the development of the strategy.

[Strategy Feedback Form](#)



Feedback Form for California's Hydrogen Market Development Strategy

You can assist GO-Biz with the California Hydrogen Market Development Strategy by helping us further understand the hydrogen topics that matter to stakeholders. Use the following form to identify strategy elements that are important to you.

Select or enter value

Are you developing an H2 project?

- Yes
 No
 Unsure

Which sector(s) are you involved with or most interested in?

(check all that apply)

- Electricity Generation
 Emerging Opportunities (Airports, Trains, Maritime, etc.)
 Hydrogen Supply
 Industrial Processes
 Ports/Goods Movement
 Transportation
 Other

What suggestions do you have for the strategy?

What concerns do you have about the development or implementation of the strategy?

Other comments regarding the development of the hydrogen strategy?

Please provide an email or other contact information if you would be open to follow-up discussion regarding your comments

Join California's H2 Hub Development Effort

GO-Biz, the University of California, Renewables 100, and the State Building Trades Council of California, with support from hundreds of partners, launched the Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES) as a non-profit public private partnership dedicated to accelerating the development and deployment of California's renewable hydrogen market. ARCHES' first task is to lead California's effort to secure federal funding under the DOE's [Regional Clean Hydrogen Hub Program](#). If you are interested in learning more and contributing, please visit [ARCHES](#).

[Join ARCHES](#)

Keep in Touch

GO-Biz is actively organizing market participants around accelerating the development of a renewable clean hydrogen market. If you are interested in staying engaged and learning about the state's ongoing efforts, use the links below to sign up for our H2 On the Move newsletter or request a GO-Biz speaker at your upcoming event.

[GO-Biz H2 on the Move
Newsletter](#)

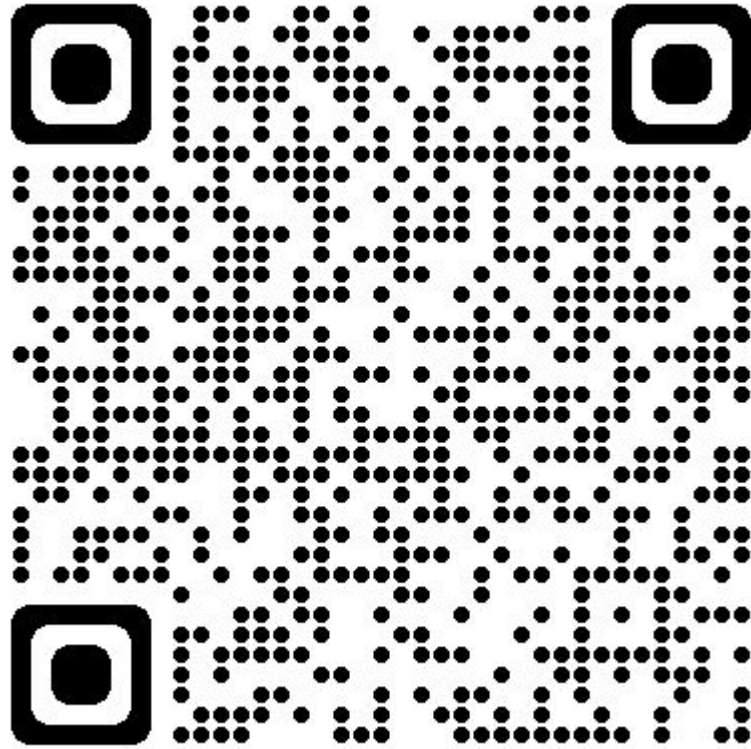
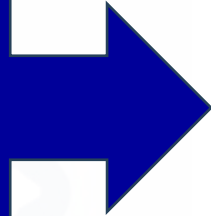
[Request an Event Speaker](#)

<https://business.ca.gov/industries/hydrogen/>



H2 Market Development Survey

Share your ideas for the H2 Market Development Strategy by scanning this code



For more information:

<https://business.ca.gov/industries/hydrogen/>

<https://business.ca.gov/h2-on-the-move-sign-up/>



Getting Projects in the Ground (or Water, or Sky...)



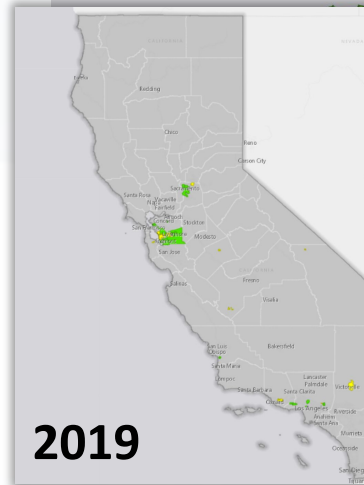
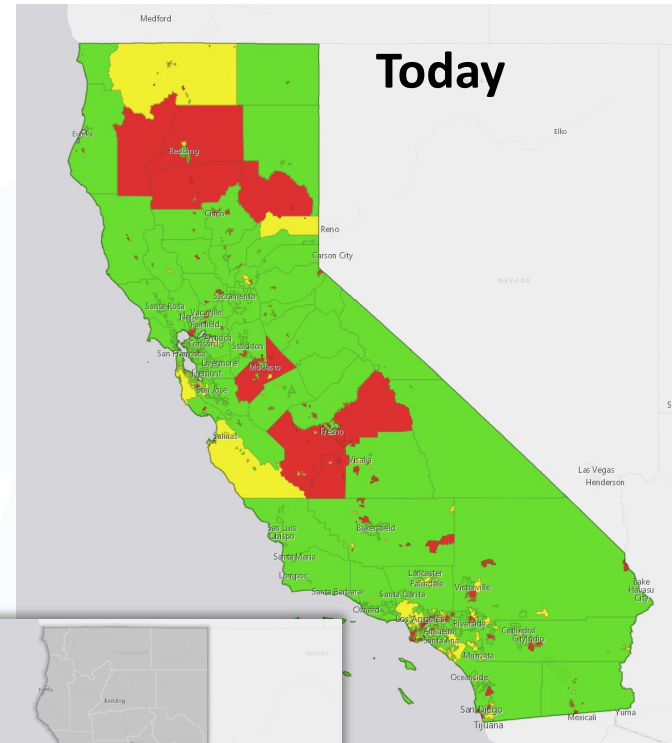
Infrastructure Strike Team

EO N-8-23 (May 2023)



Permit Streamlining

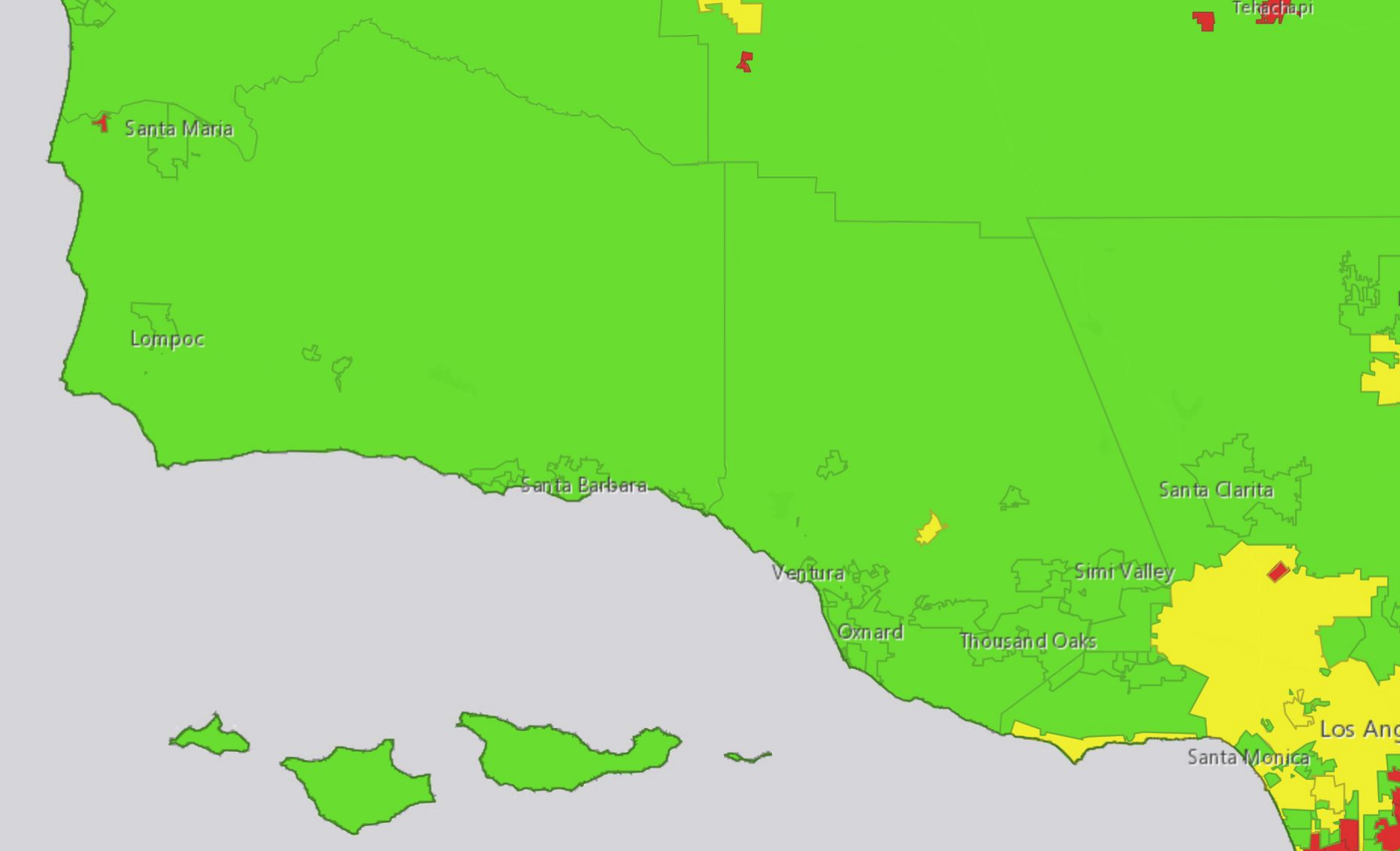
- Streamlining legislation
 - AB 1236 & AB 970 – administrative approval for EV charging stations and timeline for issuing a permit
 - SB 1291 – extends approval process to hydrogen stations
- Support for local jurisdictions and project developers
 - Resources: Permit Streamlining Guidebooks, fact sheets, model ordinances, etc.
 - Direct assistance



	Scoring Criteria:	Complete if:
<input type="checkbox"/>	1. Streamlining Ordinance Ordinance creating an expedited, streamlined permitting process for electric vehicle charging stations (EVCS) including level 2 and direct current fast chargers (DCFC) has been adopted.	– Streamlining ordinance has been adopted
<input type="checkbox"/>	2. Permitting checklists covering L2 and DCFC Checklist of all requirements needed for expedited review posted on city or county website.	– Permitting checklist is available and easily found on city or county website
<input type="checkbox"/>	3. Administrative approval of EVCS EVCS projects that meet expedited checklist are administratively approved through building or similar non-discretionary permit.	– The streamlining ordinance states that permit applications that meet checklist requirements will be approved through non-discretionary permit (or similar)
<input type="checkbox"/>	4. Approval limited to health and safety review EVCS project review limited to health and safety requirements found under local, state, and federal law.	– The streamlining ordinance states that no discretionary use permit is required and permit approval will be limited to health and safety review
<input type="checkbox"/>	5. Electronic signatures accepted AHJ accepts electronic signatures on permit applications.*	– Electronic signatures accepted on City or County website (usually specified in the ordinance)
<input type="checkbox"/>	6. EVCS not subject to association approval EVCS permit approval not subject to approval of an association (as defined in Section 4080 of the Civil Code).	– The streamlining ordinance states that EVCS permits do not require association approval
<input type="checkbox"/>	7. One complete deficiency notice AHJ commits to issuing one complete written correction notice detailing all deficiencies in an incomplete application and any additional information needed to be eligible for expedited permit issuance.	– The streamlining ordinance dictates that a written correction notices must detail all deficiencies



Thanks for being awesome!



Hydrogen Fueling Station Readiness

Hydrogen fueling stations are becoming increasingly common in California, serving both passenger and commercial vehicles. They operate under robust codes and standards, with approval from local building, planning and fire officials.

Please refer to our [Hydrogen Station Permitting Guidebook](#) for information and best practices for hydrogen station development. The Hydrogen Fuel Cell Partnership also has a [Hydrogen Refueling Station Buyer's Guide](#).

The Hydrogen Fueling Station Permit Streamlining Map is a living companion to the Hydrogen Fueling Station Permitting Guidebook. Its purpose is to create a shared understanding of Hydrogen Fueling Station permit streamlining across the state, and track compliance with California law SB-1291 Hydrogen-fueling stations. We hope communities use this tool, and the others linked below, to easily replicate success, leverage lessons learned, and save time as we all work to aggressively build out California's zero-emission vehicle infrastructure network.

CALIFORNIA GOVERNOR'S OFFICE OF BUSINESS AND ECONOMIC DEVELOPMENT

Hydrogen Station Permitting Guidebook



California Governor's Office of Business and Economic Development (GO-BED)
SEPTEMBER 2023

Hydrogen Permitting Guidebook

Hydrogen Permitting Scorecard

Join California's H2 Hub Effort Through ARCHES

Best Practices and Resources

Hydrogen Permitting Fact Sheets



Hydrogen



PUBLIC - Hydrogen Compliance Streamline Status Feature Layer

- Not Streamlined
- Streamlined
- Streamlining In Progress



Streamlining Map

Hydrogen Readiness - California Governor's Office of Business and Economic Development

Permitting Hydrogen Stations Scorecard:

All cities and counties, including charter cities, in California are required to comply with SB 1291.

Scoring Criteria:	Complete if:
<input type="checkbox"/> 1. Streamlining Ordinance Ordinance creating an expedited, streamlined permitting process for hydrogen vehicles refueling stations.	Streamlining ordinance has been adopted.
<input type="checkbox"/> 2. Permitting checklists posted on Website Checklist of all requirements needed for expedited review posted on city or county website.	Permitting checklist is available and easily found on city or county website.
<input type="checkbox"/> 3. Administrative approval of Hydrogen Station Hydrogen station projects that meet expedited checklist are administratively approved through building or similar non-discretionary permit (or similar).	The streamlining ordinance states that permit applications that meet checklist requirements will be approved through non-discretionary permit (or similar).
<input type="checkbox"/> 4. Approval limited to health and safety review Hydrogen station project review limited to health and safety requirements found under local, state, and federal law.	The streamlining ordinance states that no discretionary use permit is required and permit approval will be limited to health and safety review.
<input type="checkbox"/> 5. Electronic signatures accepted AHJ accepts electronic signatures on permit applications.	Electronic signatures accepted on City or County website (usually specified in the ordinance).
<input type="checkbox"/> 6. Hydrogen Station not subject to association approval Hydrogen station permit approval not subject to approval of an association (as defined in Section 4090 of the Civil Code).	The streamlining ordinance states that hydrogen permits do not require association approval.
<input type="checkbox"/> 7. One complete deficiency notice AHJ commits to issuing one complete written correction notice detailing all deficiencies in an incomplete application and any additional information needed to be eligible for expedited permit issuance.	The streamlining ordinance dictates that a written correction notices must detail all deficiencies.

*If a city or county determines it is unable to accept electronic signatures on all forms, the permit streamlining ordinance shall state the reasons.

Fact sheets

Hydrogen Fueling Station Streamlined Permitting Process

Checkpoint → Permit Submitter → Permit Approval → Hydrogen Station

*The deficiency notice should include one complete set of corrections.

Learn More About Our Funding Models, Overview | Contact Us | Hydrogen Streamlining | Permitted Resources | Additional Resources



State, Regional, and Local Roles

Regional collaboration key for implementing impactful projects

- Work across industry silos
- Integrate emerging sectors (ag tech, manufacturing, hydrogen, and more)
- Bring solutions to scale
- Ensure community members are at the table

Innovation and entrepreneurship support at state AND local level

- Incubators and accelerators
- Small business support
- Workforce development



We need partnership to succeed...



Contact

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Sign Up for GO-Biz's H2 on the Move email list:
<https://business.ca.gov/h2-on-the-move-sign-up/>

