

Federal Funding

REFERENCE MATERIAL: Maximizing IJA & IRA Funds for California



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

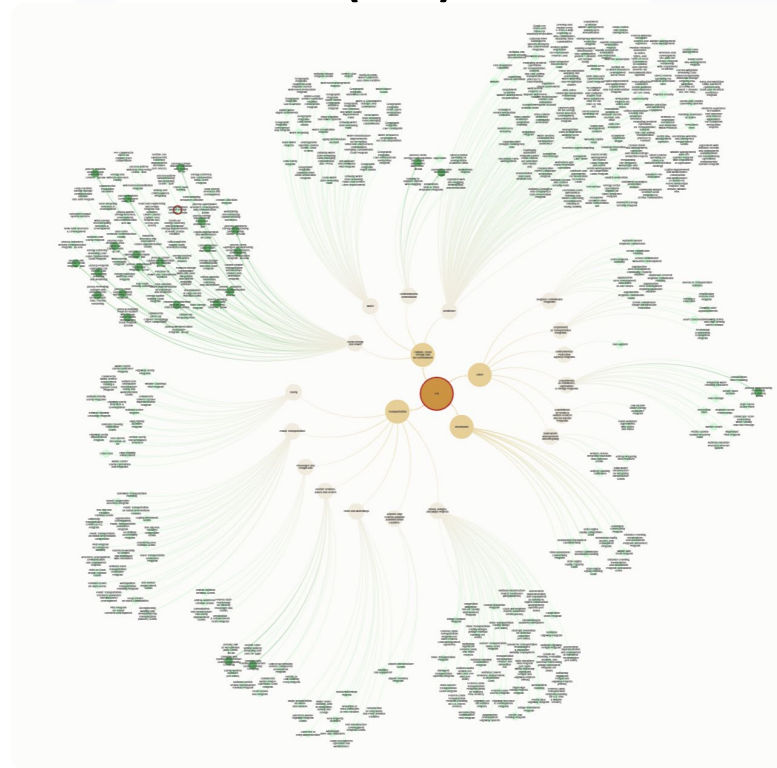
Inflation Reduction Act (IRA)

- \$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

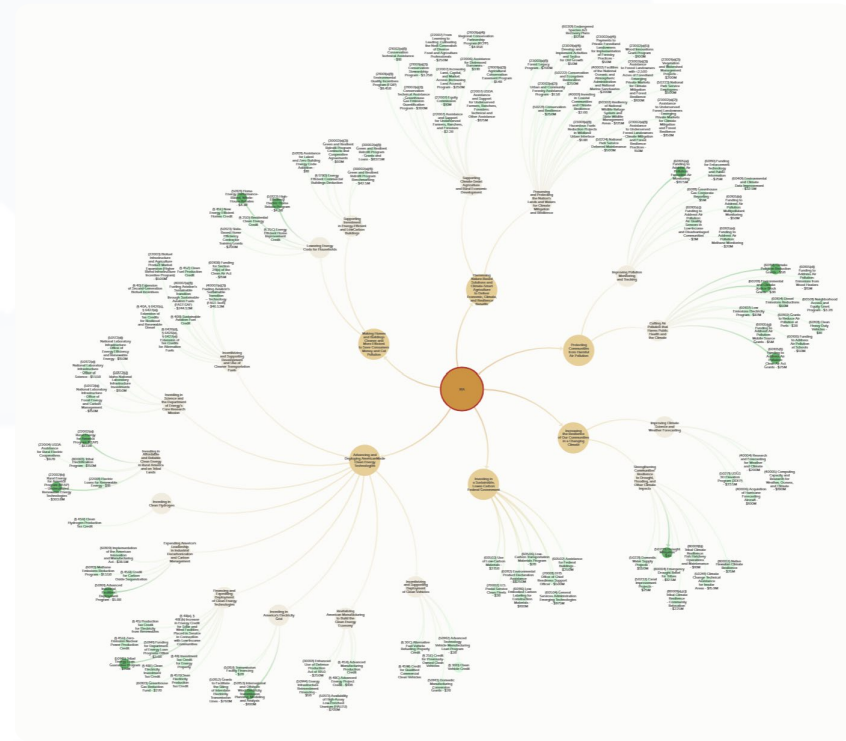


Magnitude of Funding

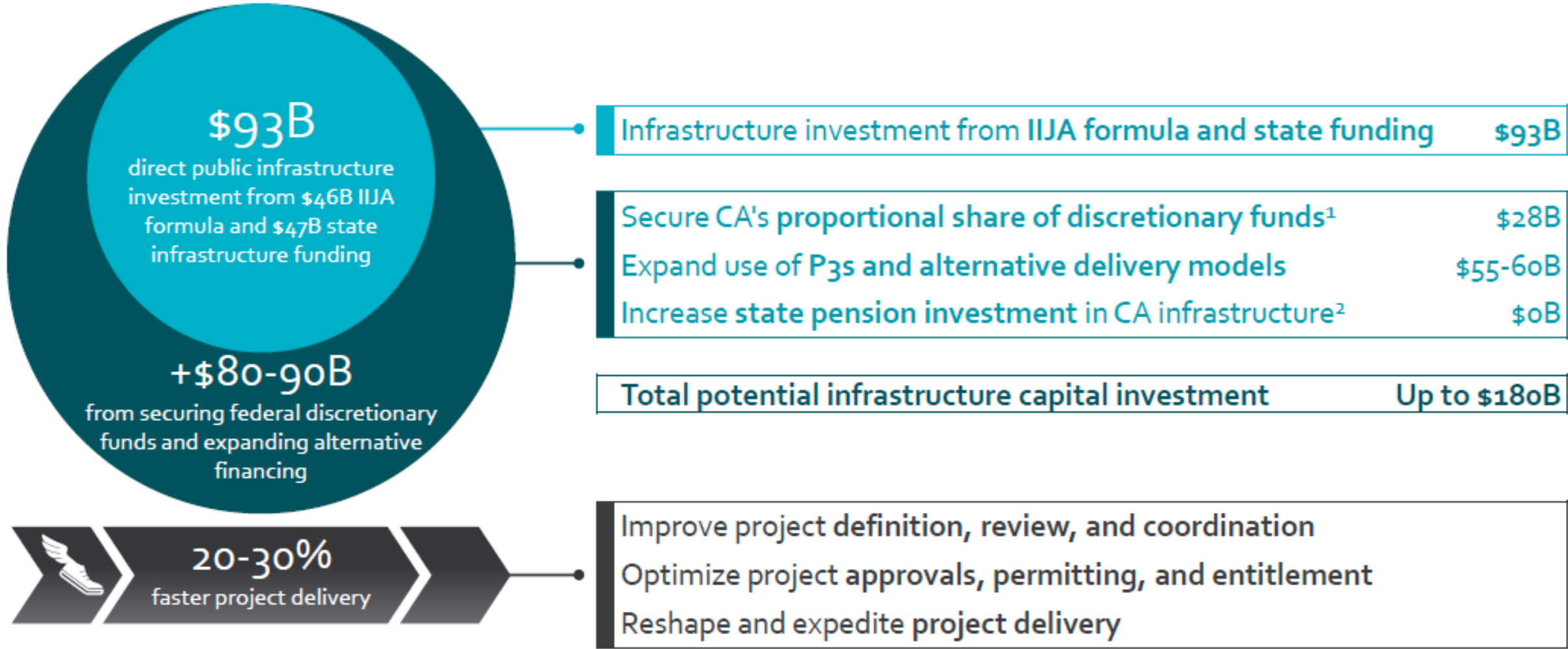
**Infrastructure Investments and Jobs Act
(IIJA)**



**Inflation Reduction Act
(IRA)**



California can leverage new federal funding to deliver up to \$180B of projects by pulling levers across project lifecycle



1. Estimated assuming CA receives funding proportional to formula allocation of IJA and IRA discretionary programs (i.e., competitive grants); 2. Estimated based on CalSTRS and CalPERS matching Canadian pension fund levels of investment in in-state infrastructure (~15%)

Note: Detailed breakdown of methodology in appendix; Assumes implementation of recommended actions from inception of funding in 2022; total value may not be fully realized due to delays in deploying recommend actions; Source: BPC State Matching datasheet; White House IJA Fact Sheet; White House IRA CA Fact Sheet; BCG Analysis

Detail | Breakdown of \$180B+ potential capital investment

Infrastructure funding sources & levers

Impact Description of sources & key assumptions

A Infrastructure investment from IJIA formula and state funding	\$93B	<ul style="list-style-type: none"> \$46B from IJIA formula funding (~65% roads & bridges, ~22% transit, ~10% water, energy, and power, ~3% airports) \$47B state infrastructure roll up from state budget
B Secure CA proportional share of discretionary funds ¹	\$28B	<ul style="list-style-type: none"> CA proportional fair share would deliver ~\$19B from IJIA discretionary funding and ~\$9B from IRA discretionary funding To secure fair share CA should, e.g., drive awareness of available discretionary funds to local / regional stakeholders, provide navigator service, technical assistance, and capacity building for grant writing
C Expand use of P3s (private financing)	\$55-60B	<ul style="list-style-type: none"> \$45-50B from expanded private funding access based on VA/NY benchmarks & private funding ratio \$10B est. from P3 cost savings

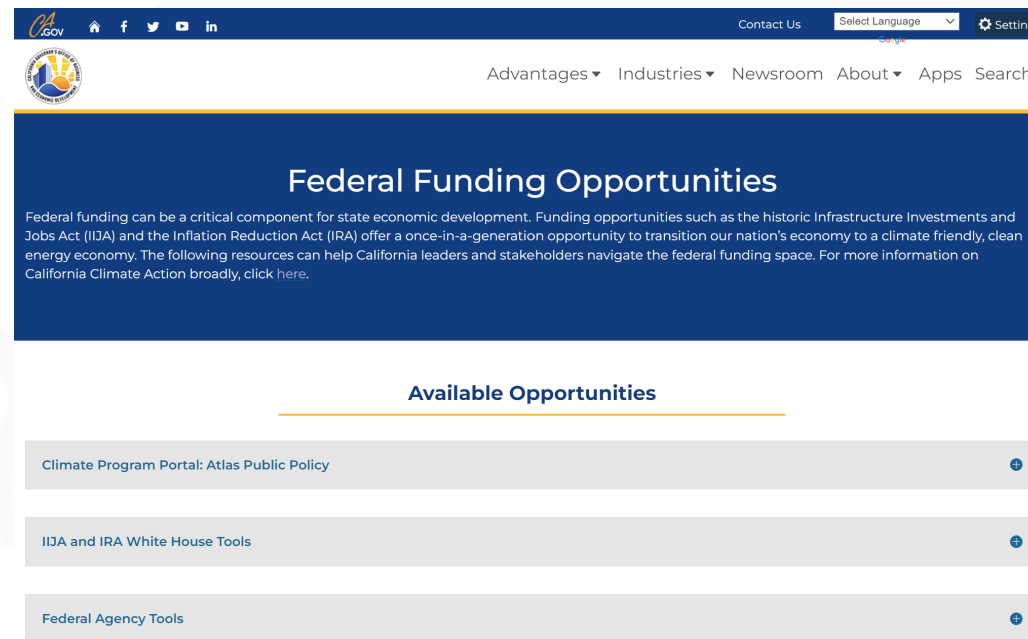
Note: Potential funding from pension investment excluded currently

Total (\$B)	Up to \$180B	
E Improve project definition, review, and coordination	~10% time saved	<ul style="list-style-type: none"> Estimated ~10% project time saved from standardizing definitions, pre-design requirement, and early contractor involvement during initiation
F Optimize project approvals, permitting, and entitlement	~10% time saved	<ul style="list-style-type: none"> Expected 2+ years saved on a typical 20-year project through caps on challenge timeline, expediting timeline through NEPA assignment and project approval timeline benchmarks
G Reshape and expedite project delivery	~10% time saved (for alternative delivery models)	<ul style="list-style-type: none"> Estimated 10% project time saved for projects leveraging alternative delivery models Reduces a typical 6 – 8 mo. procurement process to 4 – 5 mo. with early contractor review, standardizing procurement processes and templates, and leveraging e-procurement
Total (percentage of time saved) 20-30% in time saved from planning through delivery		

1. Estimated assuming CA receives funding proportional to formula allocation of IJIA and IRA discretionary programs (i.e., competitive grants); 2. Estimated based on CalSTRS and CalPERS matching Canadian pension fund levels of investment in in-state infrastructure (~15%) 3. Each year required for project delivery causes ~4.6% increase in costs due to inflation and capital costs

GO-Biz Website: Climate and Energy Federal Funding Opportunities

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

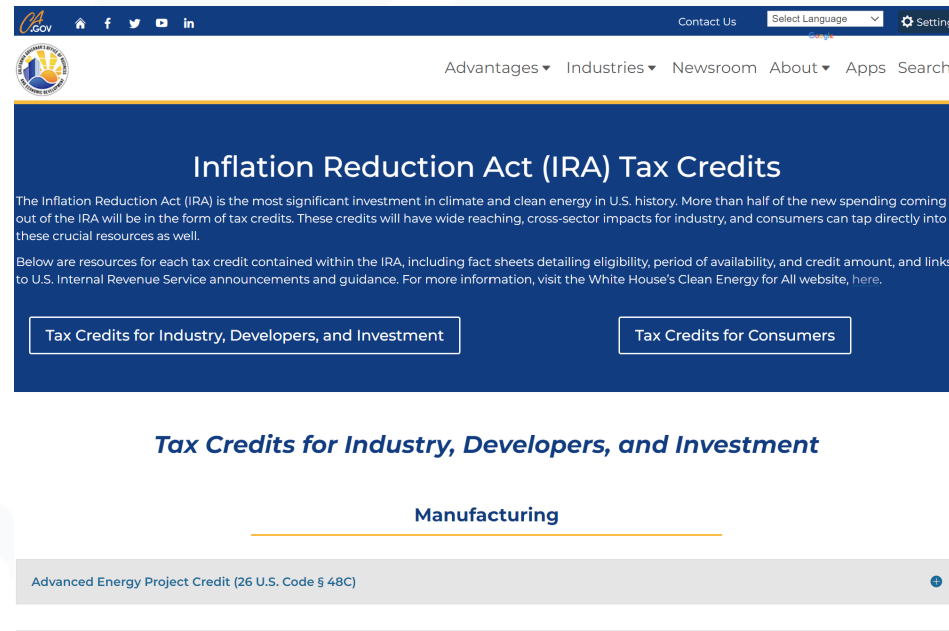


The screenshot shows the GO-Biz website interface. At the top, there is a navigation bar with the CA.GOV logo, social media icons for home, Facebook, Twitter, YouTube, and LinkedIn, and links for Contact Us, Select Language, and Settings. Below this is a secondary navigation bar with the California Department of Industrial Relations logo and menu items for Advantages, Industries, Newsroom, About, Apps, and Search. The main content area features a dark blue header with the title "Federal Funding Opportunities" and a paragraph explaining that federal funding is a critical component for state economic development, mentioning the Infrastructure Investments and Jobs Act (IIJA) and the Inflation Reduction Act (IRA). Below this is a section titled "Available Opportunities" with a list of three items: "Climate Program Portal: Atlas Public Policy", "IIJA and IRA White House Tools", and "Federal Agency Tools", each with a plus icon to its right.



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, with "Manufacturing" listed as a category. At the bottom, the "Advanced Energy Project Credit (26 U.S. Code § 48C)" is partially visible.



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								06/05/23 10:32 AM
4								06/05/23 10:32 AM
5	←At least one application from CA (planned or submitted, any applicant known to GO-Biz)							06/06/23 1:21 PM
6	←Plan being formed (that GO-Biz is aware of)							06/06/23 1:16 PM

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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

