

California Broadband Council

July 23, 2024



Broadband for All



Welcome

Jared Johnson

CHIEF DEPUTY DIRECTOR

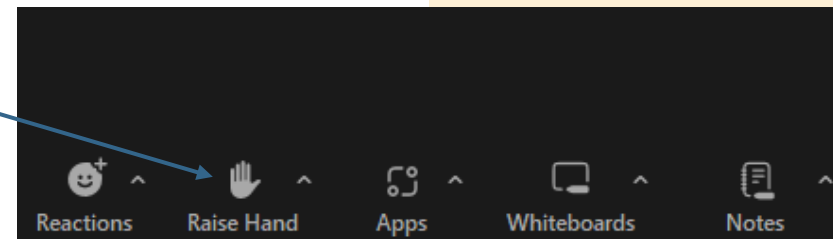
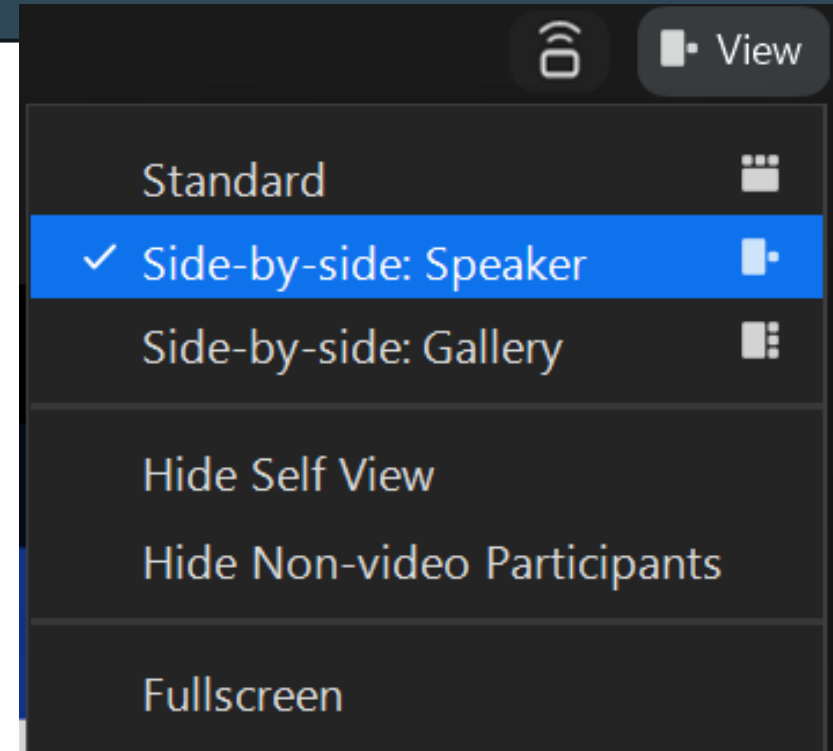
California Department of Technology

Housekeeping

Select Side-by-Side: Speaker Mode for the best viewing experience when slides are shared

Closed Captions English closed captions are available. Choose "CC closed caption" on your toolbar and select "show subtitle".

Reactions Raise Hand feature or *9 if you calling into Zoom by phone





Agenda

Welcome

Executive Report

Broadband for All Updates

NTIA IJJA Programs Update

Public Comment

Closing



Executive Report

Scott Adams

DEPUTY DIRECTOR

Office of Broadband and Digital Literacy
California Department of Technology

Executive Report

- **SB 717 – Broadband Access Point Investment Acceleration Study**
- **Affordable Connectivity Program**
- **Digital Equity Plan and Capacity Grant Application**
- **Partner and Stakeholder Engagement**
- **OBDL Office Capacity**



EXECUTIVE REPORT

OBDL New Faces



**Aracely Hernandez,
Digital Inclusion
Manager**



**Maria Kelly,
Broadband Access &
Deployment Advisor**



**James Spencer,
Broadband
Administrative Manager**



BROADBAND FOR ALL UPDATES

Broadband Action Plan Updates

Scott Adams

DEPUTY DIRECTOR

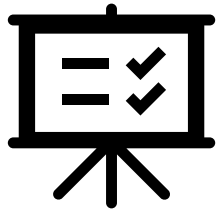
Office of Broadband and Digital Literacy
California Department of Technology

Action Item 6: Permitting



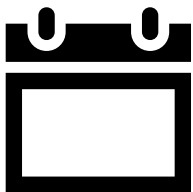
Resource updates on the Broadband for All portal

- Guidance on National Environmental Policy Act (NEPA)
- NTIA Mapping tool
- Local Jurisdiction Permitting Playbook (Version 2)



Presentation

- 4/26 & 5/17 - CETF Local Government Best Practices



Permitting Webinar with GO-Biz: September 4, 2024

Action Item 16: Promote & Track Low-Cost Offers



Low-Cost Offer Finder

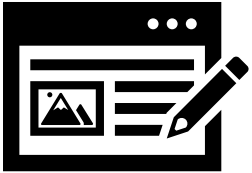
- Updated low-cost offers to reflect post-ACP
- Additional enhancements planned to increase user experience



State Agency / ISP Coordinating Meetings

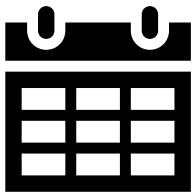
- May, June, July

Action Item 21: Broadband for All Portal



Content Updates

- Homepage
- State Digital Equity Plan pages
- Low-Cost Offer Finder
- Permitting Resources
- Broadband Grant Funding Finder



Planned Content Updates

- Monthly Broadband for All Email Update Page
- Digital Equity Ecosystem Resource Finder



BROADBAND FOR ALL UPDATES

Middle-Mile Broadband Initiative

Mark Monroe

DEPUTY DIRECTOR

Middle-Mile Broadband Initiative
California Department of Technology

Budgetary Outcomes for MMBI

2024 Budget Act

- Preserves funding at \$3.873 billion.
- Directs existing funding to build to last-mile grant locations.
- Requires additional reporting.
- Allows the Department of Finance to augment the MMBI budget by up to \$250 million /F additional funding becomes available.



Criteria Update

Decision Criteria

- SB 156 – Unserved and Underserved
- NTIA Grant Agreement
- RFI2 Contracts
- SB 164 – Connections to last mile Grant Programs

Validation Criteria

- Disadvantaged Communities
- Urban/Rural/Tribal Split



MIDDLE-MILE BROADBAND INITIATIVE

Revised MMBI Network Map

Federal Funding Account (FFA):

- The CPUC received almost **500 FFA grant** applications.
- Of these, **105 FFA applications** indicate the intent to connect to the MMBI network (**in blue**).
- **SB 164** requires CDT to prioritize connections to last mile grant programs, such as the FFA Program.
- The **FFA grant program** is the only last mile grant program for which CPUC has currently open rounds.



- **Current MMBI funding sufficient** to reach all 105 FFA grant locations indicating intent to connect to MMBI:
 - Approximately **7,230 miles** from RFI² partnerships.
 - Approximately **770 miles** using Caltrans construction.
- Approximately **8,000-mile** revised MMBI map.
- Consistent with **SB 156 & SB 164**.
- **Interactive map on the MMBI website** was updated on **July 22, 2024**, to provide better detail of the network segments.



MIDDLE-MILE BROADBAND INITIATIVE

Summary of MMBI Program:

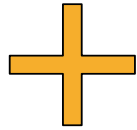
2024 Budget Act

Partnership Type	IRU/Lease	Purchase	Joint-Build	Caltrans	Total
As of April 2024	3,485 mi	435 mi	2,615 mi	4,024 mi	10,559 mi
As of July 2024	*3,716 mi	424 mi	*3,107 mi	770 mi	*8,017 mi
Change	+231 mi	-11mi	+ 492 mi	- 3,254 mi	- 2,542 mi

*These numbers include partnerships still in negotiation.

Market Research: A Work in Progress

Market Research Customer Survey



30+ Interviews & Engagement Forums



Last-Mile Market Report

Markets:

- Local Governments
- Internet Service Providers
- Anchor Institutions





BROADBAND FOR ALL UPDATES Last-Mile Program

Darcie Houck

Commissioner

California Public Utilities Commission (CPUC)

LAST-MILE PROGRAM

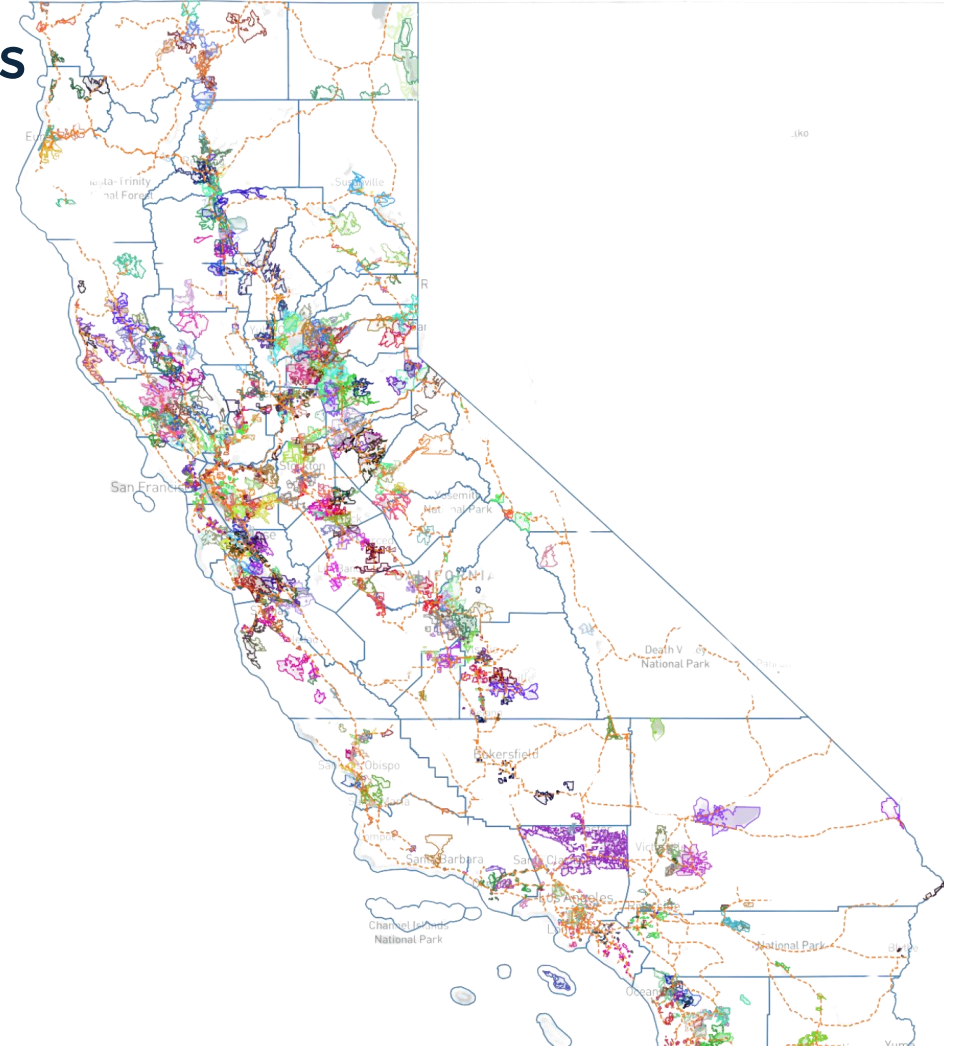
Multi-Year Broadband Investments

	Broadband Equity Access and Deployment (BEAD)	California Advanced Services Fund (CASF)	Loan Loss Reserve Fund (LLR)	Last Mile Federal Funding Account (FFA)
Amount	~\$1.86 billion	\$136 million for 2024-25	\$50 million	~\$2 billion
Summary	Funds for planning, infrastructure and adoption starting in 2024.	Funds broadband infrastructure and adoption in low-income housing, Tribal communities, and unserved areas.	Provides collateral to local government, Tribes, and nonprofits to finance their own broadband Infrastructure.	Funds for last-mile broadband infrastructure projects in every county.
What's Next?	Challenge process, NTIA approval of Initial Proposal volume 2, applications, and subgrantee selection.	Adoption, Public Housing, Line Extension and Tribal Tech Assistance funding opportunities.	Program updates, awards, and upcoming activities.	Recommendations and awards.

Federal Funding Account

~\$2 Billion for Last Mile Infrastructure Projects to deliver reliable broadband to unserved communities

- For projects providing end-user service to unserved locations
- An application received for every county in the state
- Application, Project Area, Objection, Applicant Responses to Objections are publicly available
- Objection Process closed December 20, 2023



Application Update

GRANT AWARDS & RECOMMENDATIONS

Provide end-user service to unserved locations

On-time and strategy is working

- Program goals —

- Equity
- Affordability
- Open-access middle-mile
- Allocation of projects by county

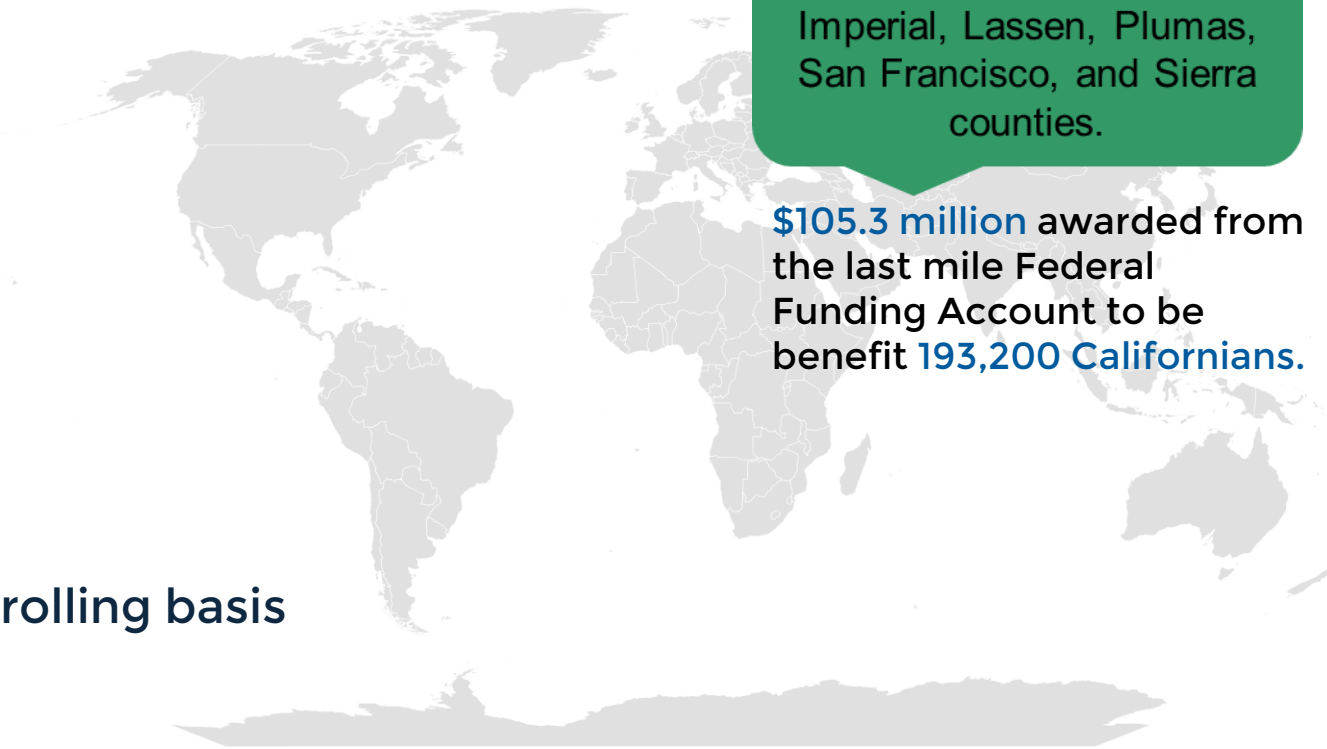
- What to watch:

- Propose awards for public comment on a rolling basis (approximately every 2 - 3 weeks)
- Recommendations by county

Federal Funding Account Awards
in addition to technical assistance

Awards in Alameda, Imperial, Lassen, Plumas, San Francisco, and Sierra counties.

\$105.3 million awarded from the last mile Federal Funding Account to be benefit **193,200 Californians**.

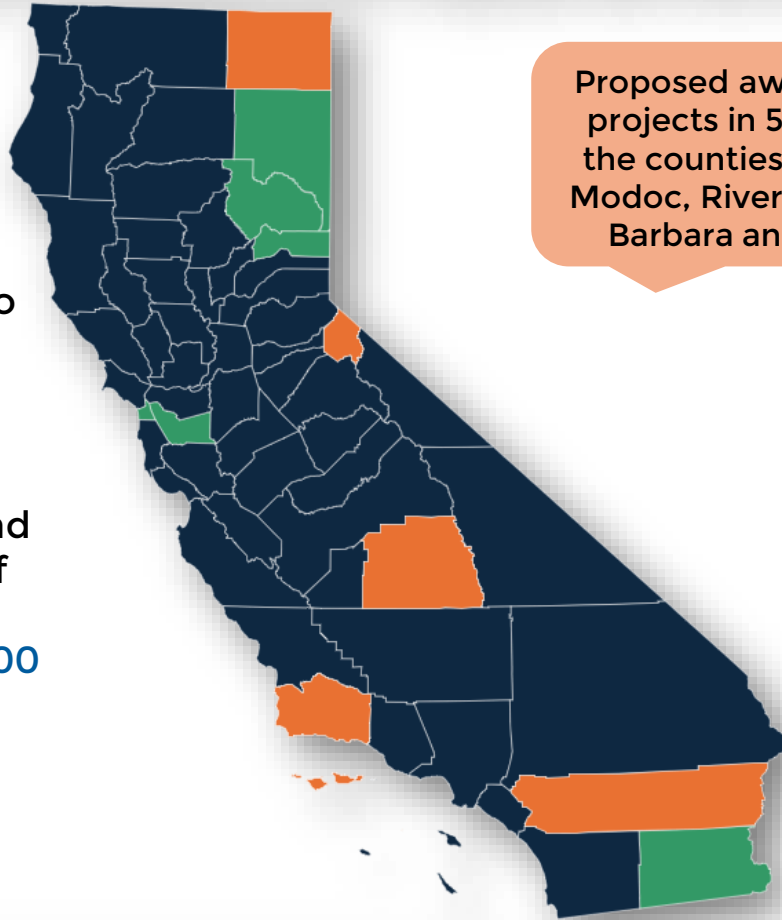


Awards and Recommendations

Federal Funding Account Proposed and Final Awards

Proposing **\$95.4 million** in grants to benefit **247,000 Californians** (in orange).

Total proposed and awarded grants of **\$200.7 million** benefitting **440,000 Californians**.



Proposed awards for 10 projects in 5 counties: the counties of Alpine, Modoc, Riverside, Santa Barbara and Tulare.

Awards & Recommendations Continued

Awarded

Proposed awards for public comment

Impact:

- Benefitting population
- Project impacts and data

Upcoming

LAST-MILE PROGRAM

Loan Loss Reserve Program

OVERVIEW

Provides collateral so that local governments, Tribes, and non-profits can receive more favorable borrowing rates and terms for bonds, loans, and letter of credit for the deployment of publicly owned broadband infrastructure.

UPDATE

- \$50 million program budget update
- Upcoming activities

TIMELINE

- First Application Window Closed April 2024
- Awards targeted Q3 - Q4 2024



LAST-MILE PROGRAM

California Advanced Services Fund

Adoption: Grants for digital literacy and broadband access projects

January 2024 cycle awards

Next Application Deadline: January 1, 2025

Public Housing: Grants to build networks offering free service to low income communities

January 2024 cycle awards

Next Application Deadline: January 1, 2025

Infrastructure: Grants to subsidize the cost of middle and last mile infrastructure to expand high quality communications service throughout California.

Awarded \$40 million to 3 projects in June

Tribal Technical Assistance: Grants to assist California Tribes in developing market studies, feasibility studies, and/or business plans

Expanded program and increased support for market studies, feasibility studies, and business plans in Decision 24-03-041

April 1, 2024 cycle | 3 Tribal applications | \$750,000

June 1, 2024 cycle | 1 Tribal application | \$150,000

Next Application Deadline October 1, 2024

LAST-MILE PROGRAM

California Advanced Services Fund

CASF Account	January – June 2024		Since 2008	
	Total Projects	Total Awarded	Total Projects	Total Awarded
Infrastructure	5	\$46,624,114	100	\$344,621,327
Infrastructure Loan	0	\$0	1	\$40,997
Line Extension Program	0	\$0	4	\$2,071,101
Tribal Tech. Assistance	5	\$1,071,900	72	\$6,981,650
Consortia	0	\$0	62	\$29,063,202
Adoption	51	\$6,155,822	454	\$46,788,426
Pub. Housing	13	\$931,092	508	\$17,872,736
Total:	79	\$55,502,828	1,206	\$448,069,339

LAST-MILE PROGRAM

California Advanced Services Fund

FY 2024-2025 Allocation of CASF Budget (\$000's), Approved							
	Adoption	Consortia	Line-Ext	Infrastructure	Public Housing	Tribal Tech	Total
Allocation (%)	26.71%	2.52%	0.95%	44.38%	22.12%	3.3%	100.00%
Allocation (\$000s)	\$36,385	\$3,433	\$1,294	\$60,458	\$30,141	\$4,500	\$136,211



BROADBAND FOR ALL UPDATES
**Broadband Adoption & Affordable
Connectivity Program**

Sunne Wright McPeak

President and CEO

California Emerging Technology Fund (CETF)

Impact on California

California Led ACP Enrollment Efforts

2,945,282

Eligible
households
enrolled in ACP

1 in 5

California
households
enrolled in ACP

\$1,668,542,768

Total ACP
Support as of
4/15/2024

FCC Customer Complaint Process

To Submit a Consumer Complaint



<https://consumercomplaints.fcc.gov>



You can submit an informal complaint over the phone by calling 888-CALL-FCC (888-225-5322)



Haga su reclamo en línea

<https://consumercomplaints.fcc.gov>, o llame al 1-888-2255322 para recibir atención en español.



Importance and Impact of Direct Notification

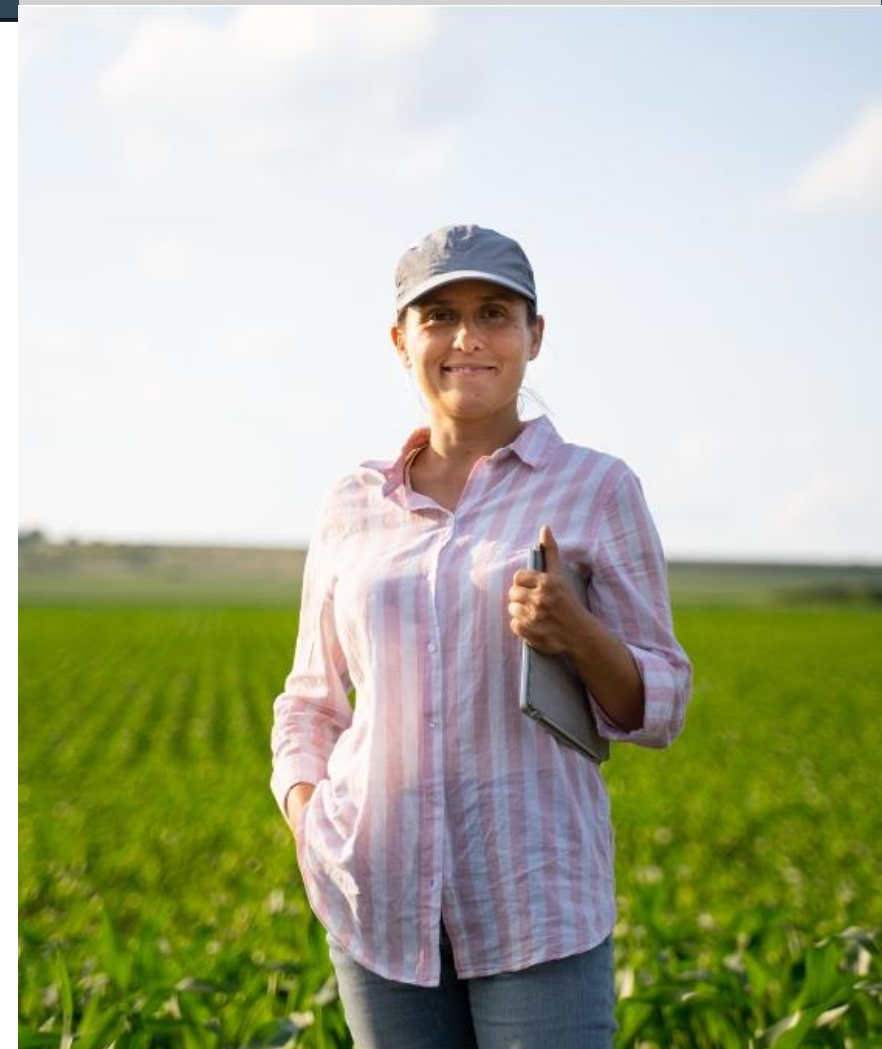
Direct Notification is Key to Accelerating Progress in Getting All HHs Online

- Most ISP transition offers are good n through end of 2024.
- 2.9M HHs enrolled in ACP need repeated messages about available affordable offers and assistance.
- Outreach to 2.9M HHs not aware of ACP and ISP affordable offers.
- FCC is considering data sharing to help State Agencies determine which HHs enrolled in ACP to customize messages.
- California leadership once again is making the difference.

Lessons Learned

Accelerate Broadband Adoption & Digital Inclusion:

- Direct Notification
- Call Center
- Digital Navigators
- Outreach In-Language and In-Culture
- Digital Literacy Training with Proficiency Assessment
- Online Digital Literacy Program
- Affordable Computing Devices
- In-Person Enrollment Events
- Public Awareness Advertising





NTIA IIJA PROGRAMS UPDATE

State Digital Equity Plan (SDEP)
Implementation and State Digital Equity
Capacity Grant (DECG) Program Design

Scott Adams

DEPUTY DIRECTOR

Office of Broadband and Digital Literacy
California Department of Technology

Recap

May 23

SDEP & DE Capacity Grant NOFO Stakeholder Briefing

May 28

State DECG Application Submitted to the NTIA

June 18 – July 2

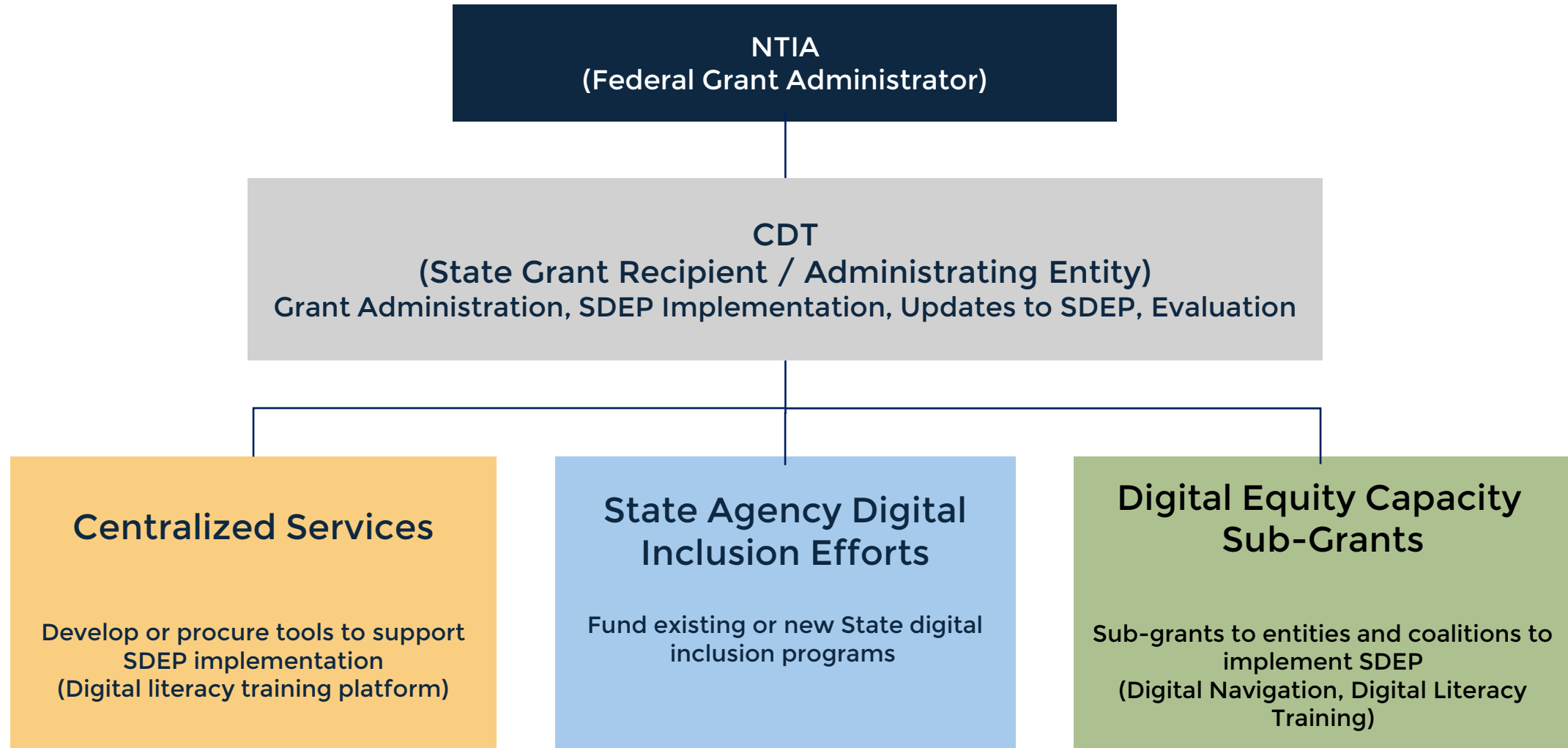
SDEP Implementation & DECG Design Questionnaire

May 29 – August*

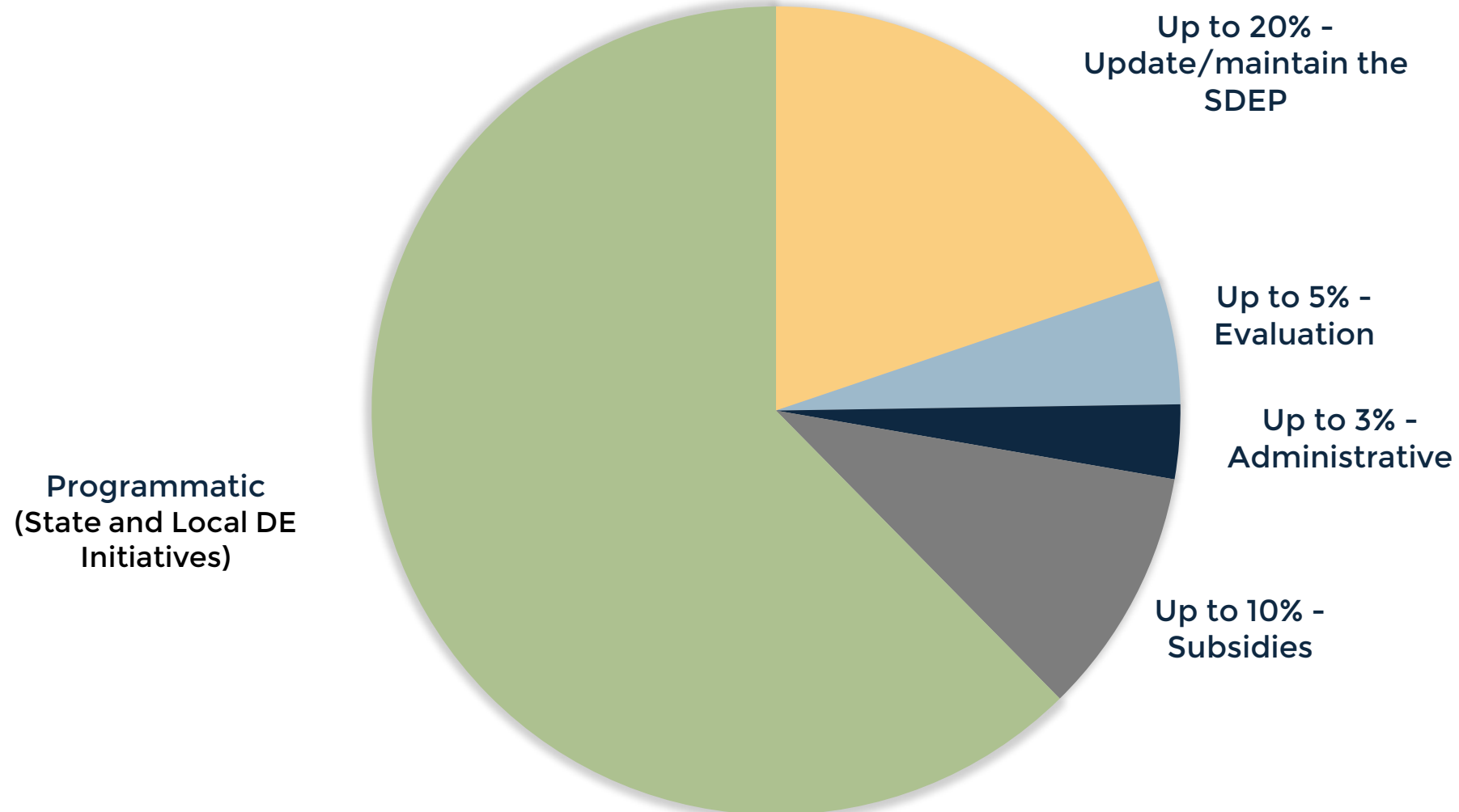
NTIA DECG App Curing & Merit Review Process

SDEP IMPLEMENTATION & CAPACITY GRANT PROGRAM DESIGN

Capacity Grant Program Structure



Allowable Uses of Funds



*All percentages are estimates based on NTIA Allowable Uses

Questionnaire Overview

Centralized
Services

State Digital
Equity Capacity
Sub-Grant
Design

Stakeholder
Engagement &
Collaboration

SDEP IMPLEMENTATION & CAPACITY GRANT PROGRAM DESIGN

Questionnaire – Respondents by Geography

A total of 94 respondents from 29 counties completed the questionnaire. Also, there were 8 respondents from tribal communities and 4 from out of state (IL, NH, NV, NY).

(Counties with 5+ responses in bold)

County	#	%
Alameda	3	3%
Butte	1	1%
Colusa	1	1%
Contra Costa	1	1%
Fresno	3	3%
Humboldt	5	5%
Inyo	1	1%
Kern	1	1%
Los Angeles	23	24%
Madera	1	1%
Mendocino	1	1%
Merced	1	1%
Monterey	2	2%
Orange	1	1%
Riverside	2	2%

County	#	%
Sacramento	11	12%
San Bernardino	1	1%
San Diego	9	10%
San Francisco	6	6%
San Joaquin	2	2%
San Luis Obispo	1	1%
Santa Barbara	2	2%
Santa Clara	3	3%
Shasta	1	1%
Solano	2	2%
Sonoma	2	2%
Tulare	1	1%
Tuolumne	1	1%
Ventura	1	1%
Non-CA	4	4%

Responses from Urban and Rural Constituencies

- Total urban: 77
- Total rural: 13

Responses from Tribes (8 total)

- All Southern California Tribal Governments member
- Colusa Indian Community Council
- Hoopa Valley Public Utilities District (x2)
- Iipay Nation of Santa Ysabel
- La Jolla Band of Luiseno Indians
- Tribal Liaison (Sylver Consults)
- Wiyot

Questionnaire

Organization Type

- Advocacy Group: 6
- Broadband Consortium: 8
- CBO - National: 2
- CBO - Regional / Local: 18
- CBO - Statewide: 5
- City Government: 8
- Council of Government: 2
- County Government: 8
- EDD / Workforce Development Board: 16
- Higher Education: 3
- Private Company/Telecom: 4
- State Agency: 3
- Tribe: 10

SDEP IMPLEMENTATION & CAPACITY GRANT PROGRAM DESIGN

July 30 Stakeholder Briefing

Join us!

- Tuesday, July 30, 2024
- 2:00 - 3:30 pm
- On Zoom

Register Here



Partner and Stakeholder Engagement

Large Group Presentations

- 4/30 - CASF BPHA Grants Opportunities Webinar
- 5/9 - League of California Community Foundation
- 5/23 - SDEP & DE Capacity Grant NOFO Briefing
- 6/5 - California Broadband Summit

Market Research & Listening Sessions

- State Agencies
- Broadband Consortia
- Local Governments
- Community Based Organizations
- Private Sector Entities



Engagement and Collaboration

- Summer Stakeholder Engagement Meeting
- Listening Sessions & Market Research
- Public Comment Period (Sub-Grant Program)
- Statewide Digital Equity Implementation Group
- Outcome Area Working Groups
- Community Advisory Committee
- Webinars and Public Meetings
- Broadband for All Portal
- Monthly Broadband Email Updates



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Upcoming Milestones

Stakeholder Briefings

NTIA Competitive Grant

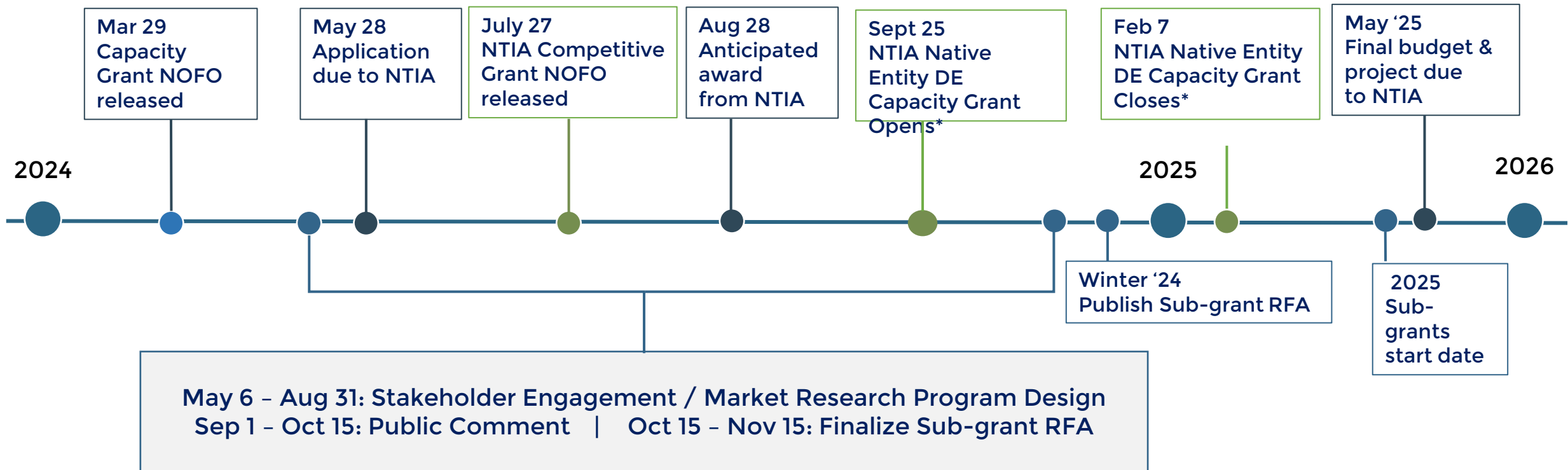
State Capacity Grant Award

NTIA Native Entity Grant

State Capacity Sub-Grant

Tentative Timeline

Approximation of important milestones for Capacity Grant Planning





NTIA IIJA Programs Update Broadband Equity, Access, and Deployment (BEAD)

Maria Ellis

DEPUTY DIRECTOR FOR BROADBAND

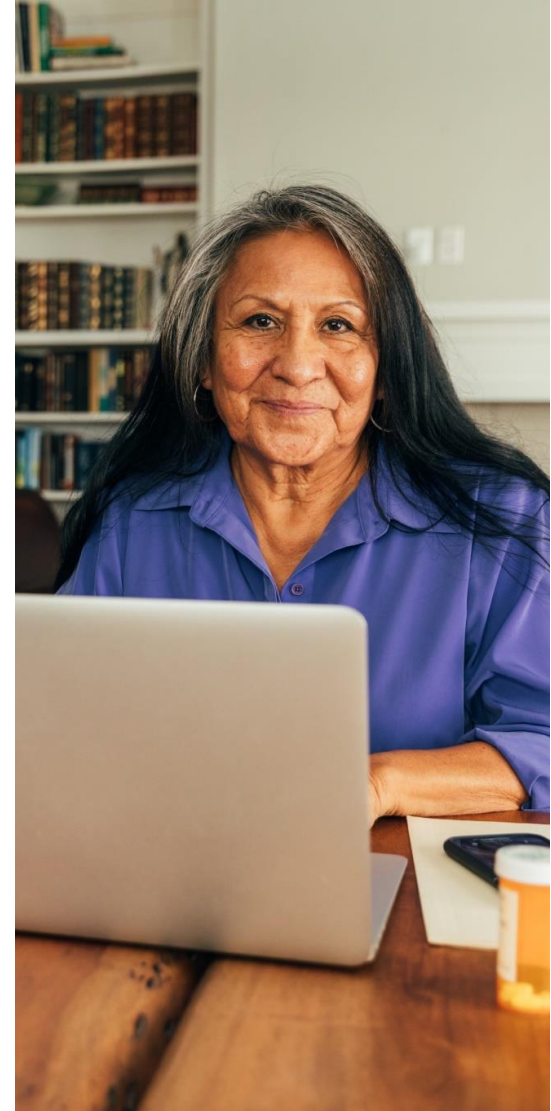
California Public Utilities Commission (CPUC)

Update

In June 2023, \$1.86 billion was allocated to California to deploy last-mile service to unserved & underserved

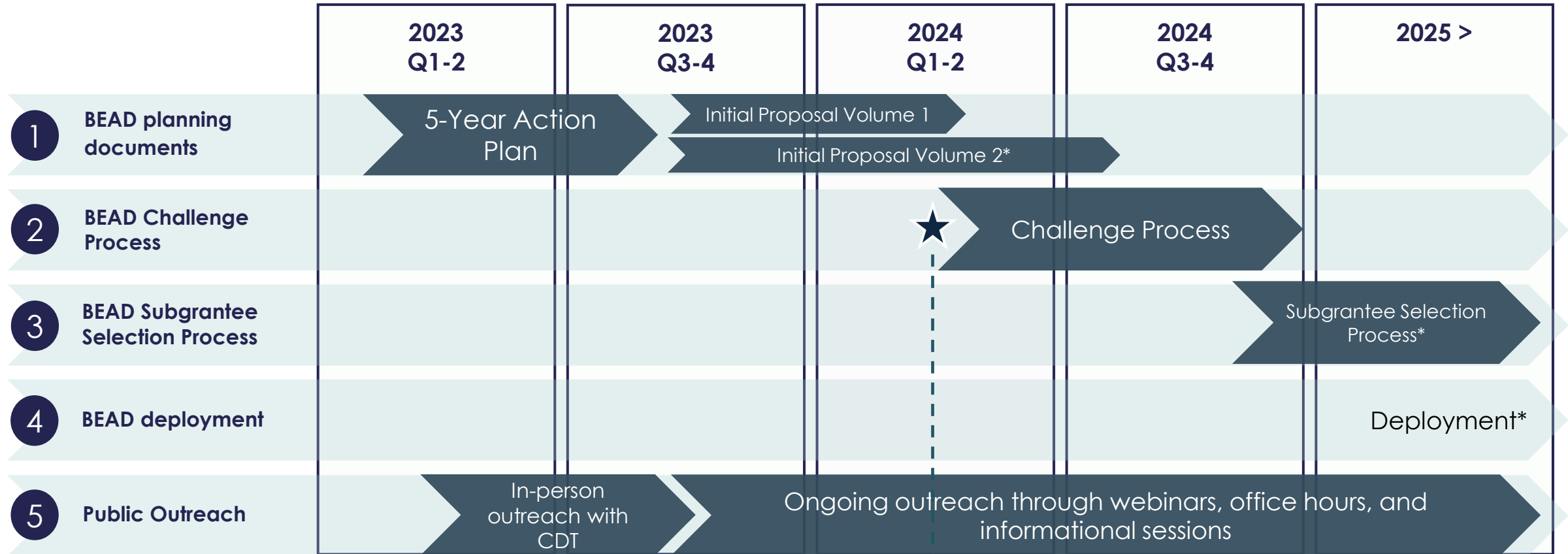
Open BEAD Rulemaking (R.23-02-016) for design and implementation of the program. Milestones include:

- Five Year Action Plan accepted by NTIA
- Submission Initial Proposal Volumes 1 & 2 to NTIA
 - Approval for Initial Proposal Volume 1 received April 4, 2024
 - Initial Proposal Volume 2 currently under review by NTIA
- All activities subject to NTIA review and approval
- Commission must take action on program design and rules
- [More information](#) and [subscribe to updates](#)



BROADBAND EQUITY, ACCESS, AND DEPLOYMENT (BEAD)

Update



**We are here:
Challenge Process**

*Exact timeline dependent on NTIA approval schedule

Challenge Process

Purpose



What is the BEAD Challenge Process?

- Will determine locations and community anchor institutions within the state that are eligible for BEAD funding
- Allows entities the opportunity to offer input on whether specific locations are not accurately reported in the datasets and therefore should be eligible for BEAD funding
- If a location is not shown as BEAD eligible after the Challenge Process, it will not be able to gain BEAD funding

Note: Challengers will not be able to add or delete broadband serviceable locations (BSLs)

BROADBAND EQUITY, ACCESS, AND DEPLOYMENT (BEAD)

California's BEAD Challenge Process

PUBLICATION OF ELIGIBLE LOCATIONS

Makes publicly available:

- Map of Eligible Locations
- Website for members of the public
- Data sets
 - Unserved
 - Underserved
 - Served
 - CAs

June 17, 2024

CHALLENGE PHASE

Permissible challengers may submit a challenge via the Challenge Portal

Start: July 8
End: August 6

30 calendar days

EVIDENTIARY REVIEW

CPUC review of challenges for minimum level of evidence to be valid and subject to rebuttal

Start: August 7
End: August 20

14 calendar days

REBUTTAL PHASE

Challenged service providers may provide counter-evidence for challenged locations

Start: August 21
End: September 19

30 calendar days

FINAL DETERMINATION

Review and determination process for disputed challenges

Start: September 20
End: October 19

30 calendar days

SUBMIT RESULTS TO NTIA

CPUC submits its challenge results and final eligibility determinations to NTIA

November 4, 2024

NTIA APPROVAL*

NTIA reviews challenge results and determines whether to approve or reverse the CPUC's determinations

December 18, 2024

120 days

*assumes a 45-day review and approval process by NTIA

Public Comment



Broadband for All

THANK YOU!

Sign up:

Broadband for All Email Update



Next CBC Meeting:

Tuesday, October 22, 2024

9:30 – 11:30 a.m.

Website:

BroadbandForAll.cdt.ca.gov

Contact:

CABroadbandCouncil@state.ca.gov



Broadband for All