



**BROADBAND
FOR ALL**

California Broadband Council

April 26, 2023





Welcome and Member Comments

Liana Bailey-Crimmins

Director

California Department of Technology



AGENDA

- Welcome and Member Comments
- OBDL Executive Report
- **Broadband for All Updates**
 - Middle-Mile Broadband Initiative
 - Last-Mile Programs
 - Affordable Connectivity Program
- **NTIA IIJA Program Updates (SDEP & BEAD)**
- **Public Comment**



Office of Broadband and Digital Literacy Executive Report

Scott Adams

Deputy Director

Broadband and Digital Literacy

California Department of Technology

OBDL EXECUTIVE REPORT – Workplan Update

- Action Plan Tracker on BB4All Portal
- FCC ACP Outreach Grants
- Broadband for All Engagement
- Digital Equity and BEAD planning





BROADBAND FOR ALL UPDATES

- **Middle-Mile Broadband Initiative**
- **Last-Mile Programs**
- **Affordable Connectivity Program**



Scott Adams

Deputy Director

Broadband and Digital Literacy

California Department of Technology

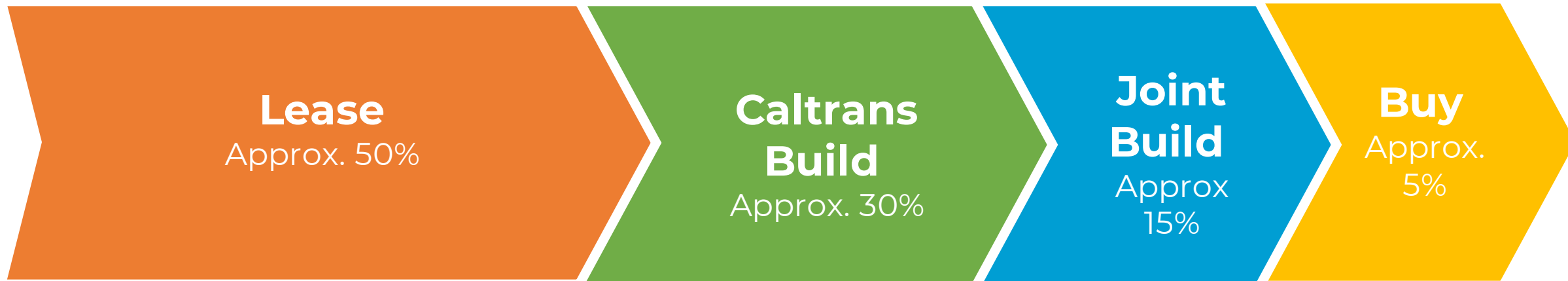


Mark Monroe

Deputy Director

Middle Mile Broadband Initiative (MMBI)

California Department of Technology

Revised plan - April 2023

- **Keeps project on track to meet ARPA deadline**
- **Faster access to broadband for many Californians**
- **Virtually entire length of network 288k speed**
- **Avoids construction in highest cost areas**
- **California would own network, M&O costs comparable**
- **Agreements are pending. Preconstruction continues on all 10,000 miles.**

CDT Update - Indefeasible Rights of Use (IRUs)

Benefits of IRUs:

- IRUs will convert a high-quality, existing, unused asset into a public, open-access, middle mile network - **fulfilling the middle mile objectives** of SB 156
- IRUs can create value for communities with a **faster time-to-service** than construction of new fiber will allow
- IRUs cause **significantly less disruption** to land, the environment, and traffic than does new fiber construction
- IRUs are significantly **more cost-effective** than standalone fiber construction, an important factor when funding is constrained.
- IRUs provide the **same level of service** in terms of capacity, speed, and access, as do newly-constructed segments.
- Compared to standalone construction, IRUs **mitigate the unknown schedule** and cost risks (as compared to construction) since the IRU fiber has already been constructed and is in place.



| CDT Update - **Indefeasible Rights of Use (IRUs)**

Benefits of IRUs (continued):

- Just like constructed segments, IRUs include **ongoing maintenance** and operations to ensure reliable service to last mile providers and other MMBI customers

Recommendation:

- The State's third-party administrator, GoldenStateNet (GSN) recommends **using IRU** segments for the MMBI network where existing infrastructure is **available** and **aligned** to the defined MMBI routes. This will enable the MMBI network in to have more overall **capacity and accessibility** at a more **cost-effective** price point compared to construction alternatives – plus a *faster time-to-service*





Caltrans Progress:

● Preconstruction (Environmental, Permitting and Design Progress):

- 34% complete
- 66% in progress

● Construction Contracts:

- 5,150 miles of Job Order Contract (JOC) Master Agreements signed.
- 2,300 miles of Construction Manager General Contractor (CMGC) signed.

● Construction Delivery Plan:

| | |
|----------------------|------------------------|
| 23% in June 2023 | 73% by June 2024 |
| 50% in December 2023 | 100% by September 2024 |



Darcie Houck

Commissioner

California Public Utilities Commission (CPUC)



\$50 Million for Local and Tribal Governments

- To facilitate last-mile broadband infrastructure projects
- Supporting local agency and Tribal efforts to expand broadband to families and communities lacking sufficient internet access



Applications

- 90 grants awarded a total of \$40.45 million through March 2023
- From August through March 2023, 120 applications requested \$54.47 million



Eligibility

- Non-tribal LATA applications no longer accepted as local agency requests exceeded the allocated \$45 million
- Tribal governments still encouraged to apply, with \$2.4 million in funding still available for tribes.

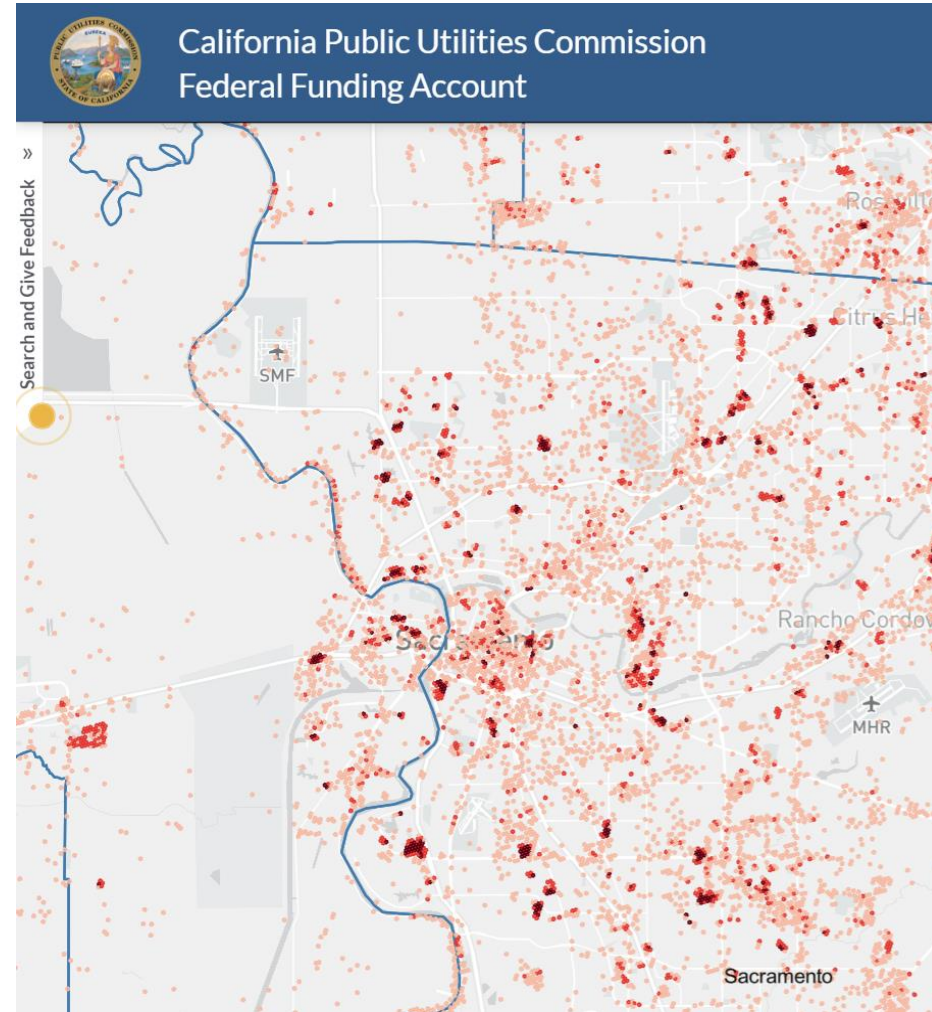


County Map of Technical Assistance Applications

Eligible Funding Areas

Based on stakeholder feedback, the CPUC made the following changes:

- Removed pre-defined priority funding areas
- Underlying data better reflects the number of unserved locations
- Scoring for existing broadband service need based on socio-economic metrics.
- New [Public Map](#) will aid development of last-mile grant funding proposals.



California Advanced Services Fund Broadband Grants

1 Adoption

Grants to public entities and community-based organizations for digital literacy and broadband access projects

- 105 projects awarded \$8.6 million (current FY)
- Action on 13 applications requesting \$9.46 million in 2023 2Q

2 Infrastructure

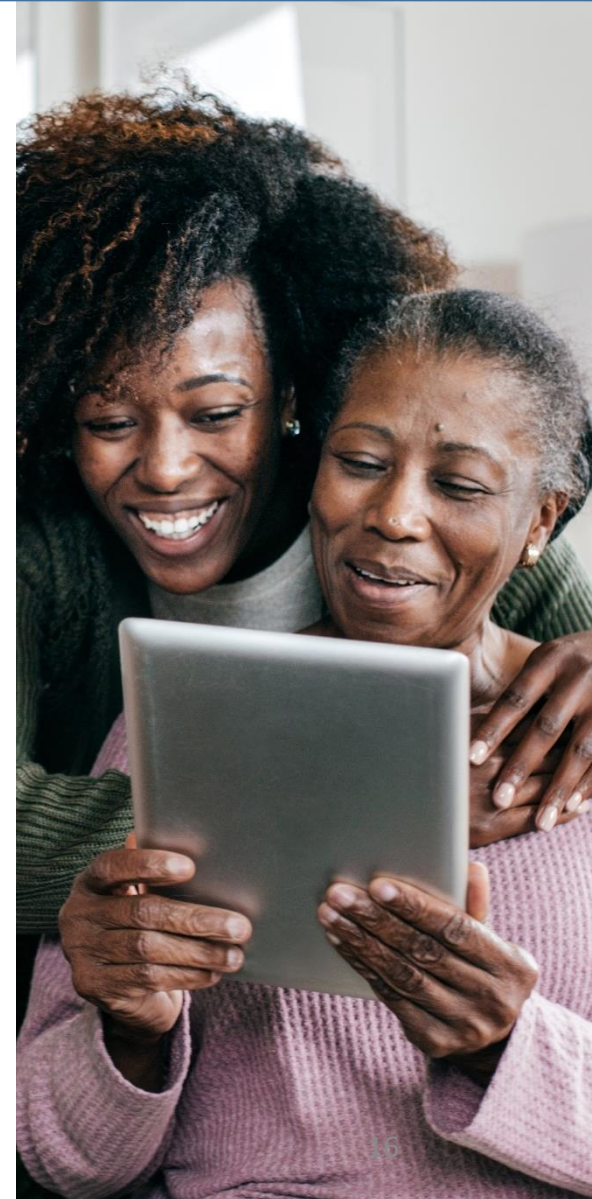
Subsidizes the cost of middle and last mile infrastructure to expand high quality communications service throughout California

- Current application window closes June 1, 2023
- [Public Map](#) to help identify eligible project areas now available

3 Public Housing and Low-Income Communities

Grants to build networks offering free service for low-income residents in communities such as public housing developments, and mobile home parks

- 31 applications for \$1.6 million submitted for current 2023 award cycle



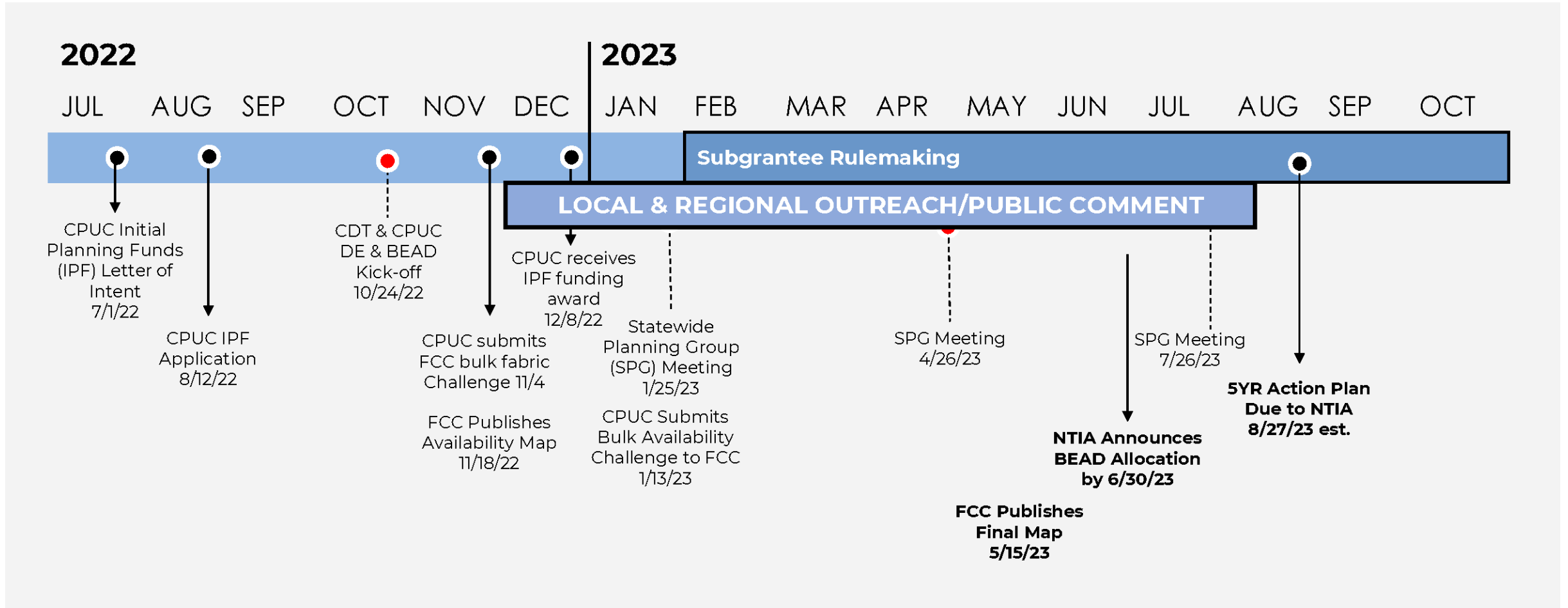
BEAD Rulemaking Process

The CPUC Invites you to follow, and to participate in, the BEAD Rulemaking now opened for public participation.

- Opening comments for Rulemaking (R.) 23-02-016 filed on April 17
 - Reply comment period **extended**
 - Seeking input on 14 categories of questions, described in the [Order Instituting Rulemaking](#) (starting on page 5).
- Filing comments will enable you to become a party to the proceeding and will enable your input to be considered as part of the proceeding record
- For help becoming a party or filing comments, email public.advisor@cpuc.ca.gov.
- Anyone who would like to formally participate in a CPUC proceeding must follow the CPUC's Rules of Practice and Procedure (www.cpuc.ca.gov/Party_to_a_Proceeding).
- Any member of the public may separately submit public comments [here](#), or by navigating to the docket card for R.23-02-016 and clicking on the "Public Comments" tab.
- Register to attend a Local-Regional Meeting by reviewing the list of events [here](#).

California Broadband Equity, Access, and Deployment (BEAD) Timeline

Key milestones:





Sunne Wright-McPeak

President and CEO

California Emerging Technology Fund (CETF)

California continues to lead the nation in Affordable
Connectivity Program enrollment with

2,085,482

households enrolled as of April 24, 2023

ACP GET CONNECTED! STATEWIDE MOBILIZATION UPDATE

Recent and upcoming ACP Enrollment Events:

- **April 20th** San Diego College of Continuing Education
- **April 22nd**
 - John F. Kennedy Library: Vallejo, CA
 - Bell Tech Center: Bell, CA
 - Butte County Library: Chico, CA
 - Greenfield Branch Library: Greenfield, CA
 - Inglewood Public Library: Inglewood, CA
 - Michelle Obama Neighborhood Library: Long Beach, CA
 - Tech Exchange Oakland: Oakland, CA
 - Ovitt Family Community Library: Ontario, CA
- **April 22nd** (continued)
 - Boys & Girls Club of Mid Central Coast: Paso Robles, CA
 - Shasta Public Library: Redding, CA
 - Sister Lillian Community Murphy: San Francisco, CA
- **April 26th** High Sierras Family Resource Center: Loyalton, CA
- **April 29th** Katherine R. Smith Elementary School: San José, CA
- **May 4th** Alameda Adult School: Alameda, CA
- **May 6th** LACOE Education Center: Downey, CA
- And more!

ACP GET CONNECTED! STATEWIDE MOBILIZATION UPDATE



On Average, 225+
Households
Participated per Event



FCC ACP OUTREACH GRANTS California Grant Recipients

A total of \$60,000,000 of grants were awarded and 15 entities from California received \$5,942,000 (9.9% of total amount).

Public Entities Awarded: Total \$3,337,000

- State of California - \$750,000
- City of Bell Gardens - \$300,000
- County of Los Angeles - \$700,000
- Housing Authority of the City of Los Angeles - \$700,000
- County of San Diego - \$500,000
- County of Sonoma - \$300,000
- Housing Authority of the City of San Buenaventura - \$87,000

Other Entities Awarded: Total \$2,605,000

- CETF - \$490,000
- Korean American Federation of Los Angeles (KAFLA) - \$250,000
- Mexican American Opportunity Foundation - \$420,000
- Women Organized to Respond to Life-threatening Diseases - \$200,000
- Community Action Partnership of Sonoma County - \$200,000
- United Ways of California - \$345,000
- Southern California Association of Governments - \$500,000
- San Francisco Consumer Action - \$200,000

NTIA IIJA Programs Update: Digital Equity and BEAD Planning Coordination

Scott Adams

Deputy Director, Broadband and Digital Literacy

California Department of Technology

Robert Osborn

Director, Communications Division

California Public Utilities Commission

The planning process consists of five components:

1. Statewide Planning Group (SPG)
2. Outcome Area Working Groups (OAWGs)
3. California Digital Equity Survey(s)
4. Broadband for All, Digital Equity and BEAD Regional Planning Workshops
5. Statewide Public Engagement

Engaged with thousands of entities and individuals



STATE DIGITAL EQUITY PLANNING HIGHLIGHTS

- Weekly coordination with CPUC on Digital Equity and BEAD planning
- Held first Statewide Planning Group Meeting: January 25
- Hosted two rounds of six Working Group Meetings in February and March
- Launched Digital Equity Phone Survey
- Launched Digital Equity Ecosystem Mapping Tool (DEEM) tool
- Hosted three regional planning workshops (Merced, Fresno, San Diego)
- Monthly email updates (January, February, March)
- Launched Digital Equity Webpage on the Broadband for All Portal

NEXT STEPS

Statewide Planning Group Meetings

- April 26
- July 26
- October 25

Outcome Area Working Group Meetings

- Week of May 15th
- Week of June 12th

Digital Equity Ecosystem Mapping Tool: Data Collection

- March through June 2023

Digital Equity Public Survey

- April through June 2023

Regional Planning Workshops

- Four planning workshops completed, 16 remaining

Public Comment Period

- Late Summer / Early Autumn 2023



SIDE P APPROACH: REGIONAL PLANNING WORKSHOPS

| Date | Location | Eventbrite Link | Registration # (as of 4.25.23) |
|----------|--|--------------------------|--------------------------------|
| April 27 | Chico (Chico Masonic Family Center) | Register | 51 |
| April 28 | Santa Rosa (Santa Rosa Veterans Memorial Building) | Register | 88 |
| May 3 | Eureka (Jefferson Community Center) | Register | 31 |
| May 5 | San Jose/Silicon Valley (Santa Clara County Office of Education, Ridder Park Site) | Register | 67 |
| May 11 | Sacramento (Sacramento Central Library) | Register | 81 |
| May 12 | Grass Valley (Grass Valley Veterans Memorial Building) | Register | 52 |
| May 16 | Inland Empire (CSU San Bernardino) | Register | 29 |
| May 19 | Los Angeles (LA Trade Tech Campus) | Register | 50 |
| May 20 | Long Beach (Veterans Park Social Hall) | Register | 10 |
| May 24 | Orange County (OC, County Administrative Building South) | Register | 15 |
| May 30 | Tuolumne (Tuolumne County Resilience Center) | Register | 12 |
| June 1 | Santa Maria (Veterans' Memorial Community Center) | Register | 38 |
| June 2 | Seaside (CSU Monterey Bay, Student Center) | Register | 26 |
| June 8 | Oakland/Bay Area (Oakstop, California Ballroom) | Register | 0 |

For more event information, visit us at:
bit.ly/CADigitalEquityPlanEvents or use the QR code at the right



SDEP TIMELINE Approximate and Subject to Change

California State Digital Equity Planning (SDEP) Timeline

Important milestones for State Digital Equity Planning:

| 2022 | | | | | | 2023 | | | | | | | | | | |
|-------------------------------------|-----|-----|-----|---------------------|-----|------|----------------------------|---------------------|--------------------------------|-----|-----|------------|-----------------------|-------------|-----|-----|
| JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |
| | | | | Stakeholder Mapping | | | Survey & Ecosystem Mapping | | | | | Draft Plan | Public Comment Period | Refine Plan | | |
| | | | | | | | | Data & Gap Analysis | | | | | | | | |
| Stakeholder Outreach and Engagement | | | | | | | | | | | | | | | | |
| | | | | | | | | | Regional Local Outreach Events | | | | | | | |

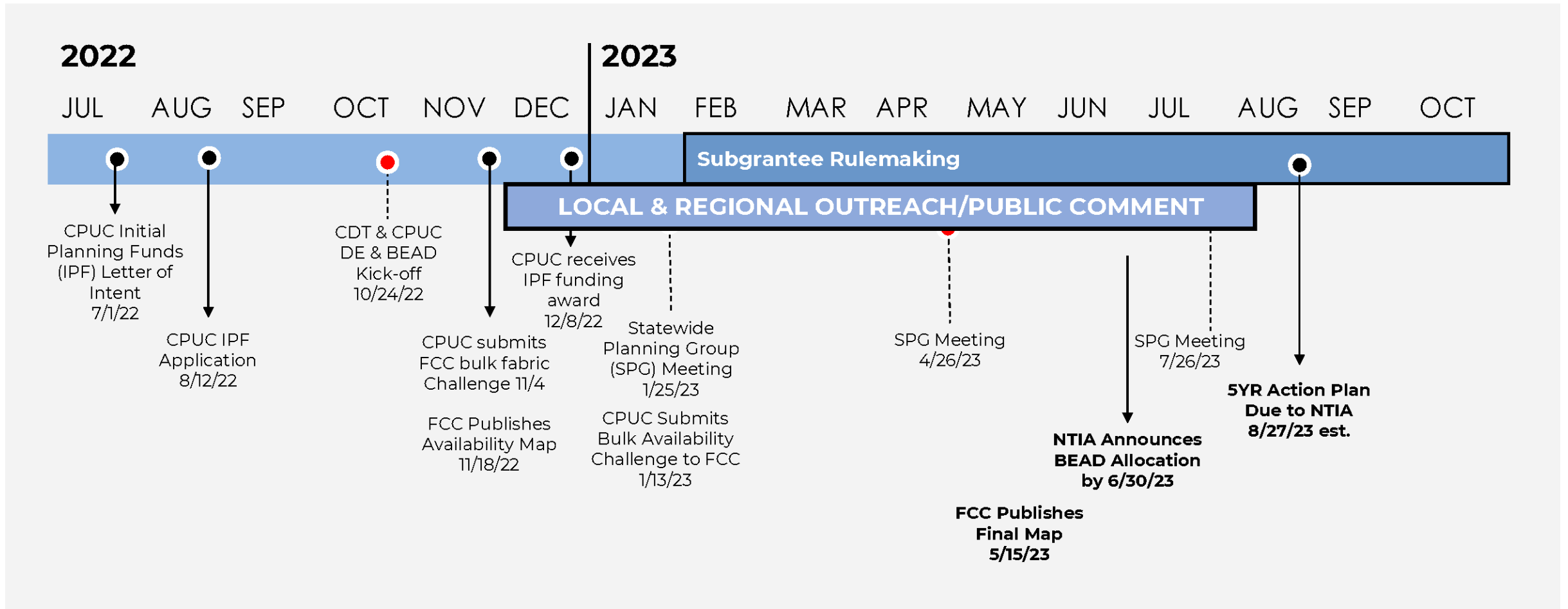
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California Broadband Equity, Access, and Deployment (BEAD) Timeline

Key milestones:



Public Comment



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THANK YOU!



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