

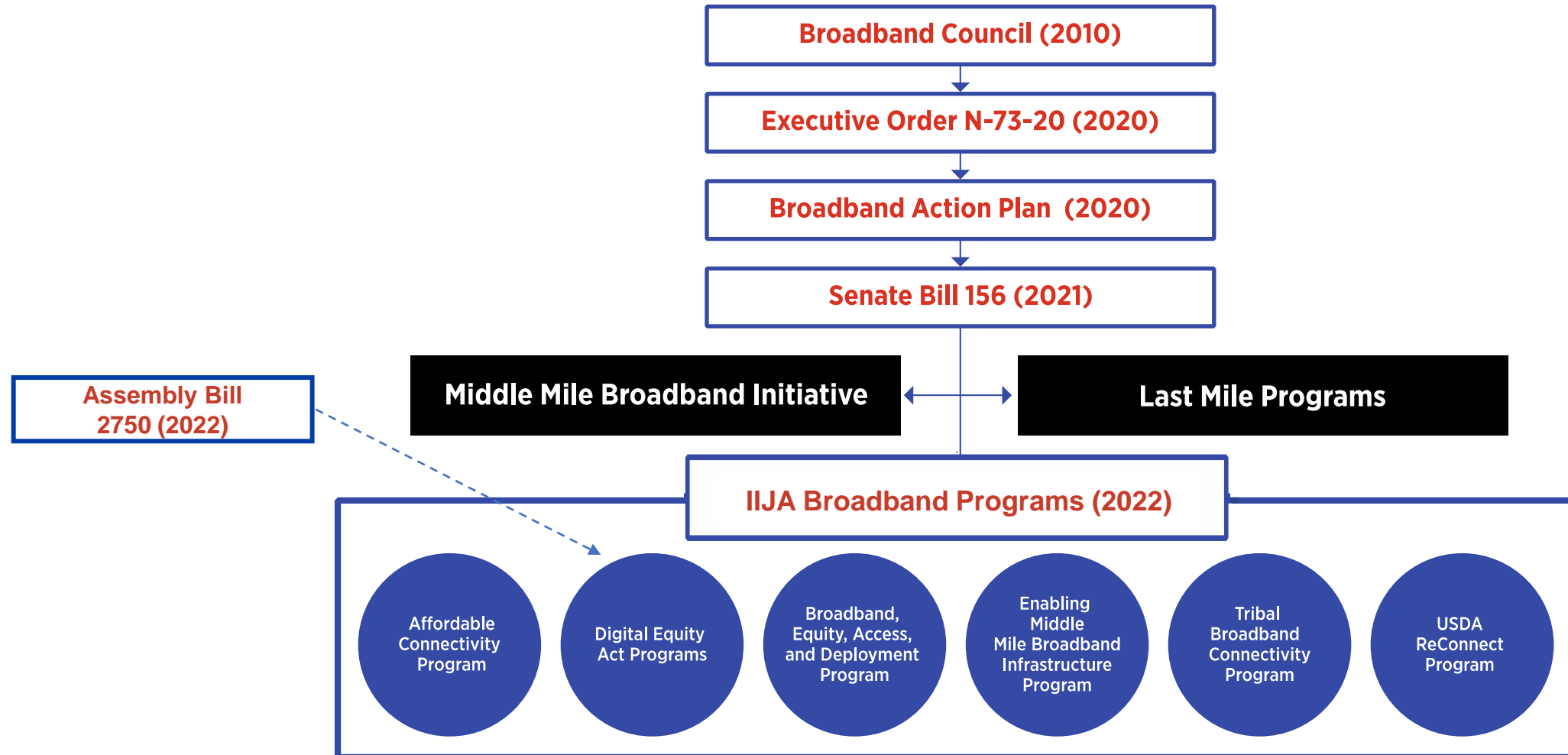
# California Department of Technology Assembly Communications and Conveyance Committee

February 12, 2025



Broadband for All

# Broadband for All



# Action Plan

## GOAL 1:

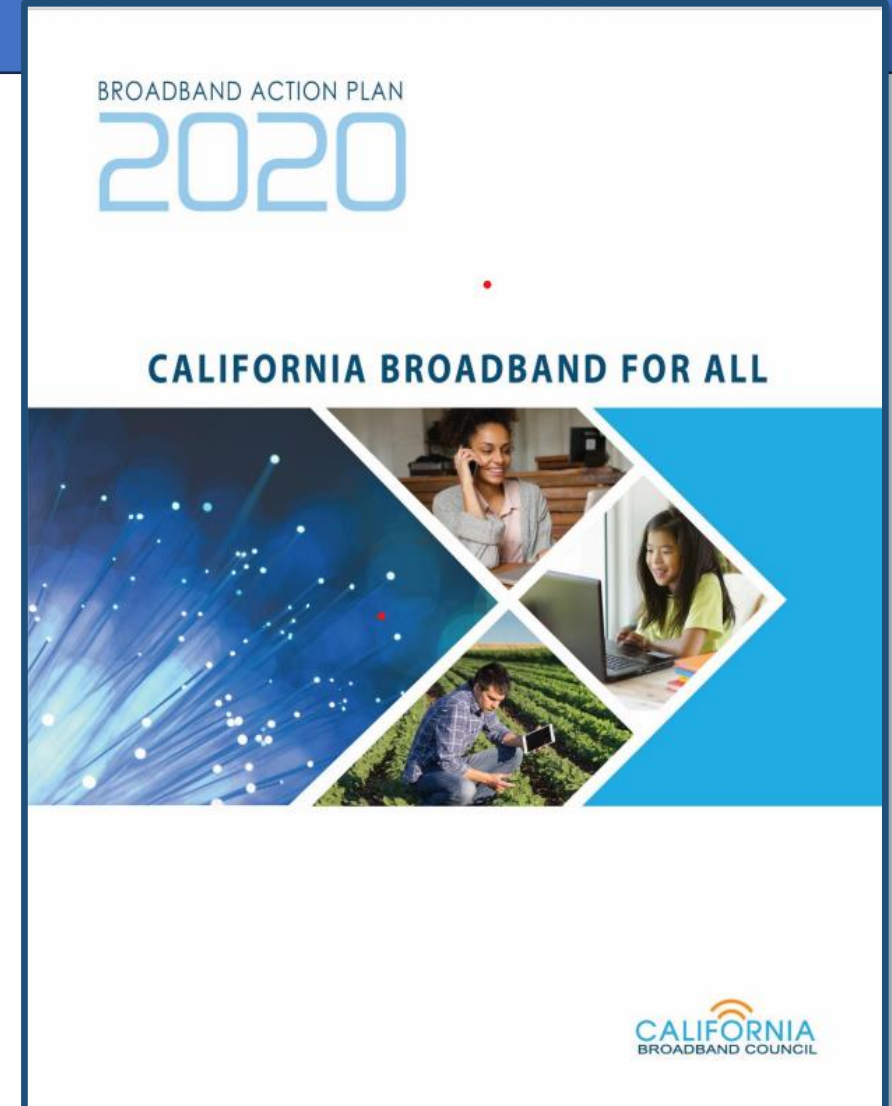
All Californians have high-performance broadband available at home, schools, libraries, and businesses.

## GOAL 2:

All Californians have access to affordable broadband and necessary devices.

## GOAL 3:

All Californians can access training and support to enable digital inclusion.



# Components of the SDEP

### Covered Populations

1. Individuals living in covered households (at or below 150% of Federal Poverty Level)
2. Aging individuals (60+)
3. Incarcerated individuals
4. Veterans
5. Individuals w/ disabilities
6. Individuals w/ language barriers
7. Members of racial or ethnic minority groups
8. Individuals who primarily reside in rural areas

### SDEP 7 Key Activities

1. Complete BB4All infrastructure investments
2. Convene digital equity stakeholders
3. Refine digital equity data and maps
4. Develop a digital equity capacity sub-grant program
5. Fund State-managed digital inclusion programs
6. Develop digital inclusion tools & best practices
7. Promote low-cost service offers & subsidy programs

### Outcomes Areas

1. Education
2. Health
3. Digital Literacy and Inclusion
4. Essential Service, Accessibility, & Civic Engagement
5. Workforce & Economic Development
6. Tribal Collaboration

## SDEP STAKEHOLDER ENGAGEMENT

# Input from 50K+ Stakeholders & Residents

Fall BB4All Summit  
Participants

**842**

Outcome Area Working  
Group Participants

**2,651**

January, April, July, & October  
SPG Meeting Participants

**726**

DEEM Tool Respondents

**472**

Telephone Survey Responses

**3,560**

Online Survey Responses

**43,432**

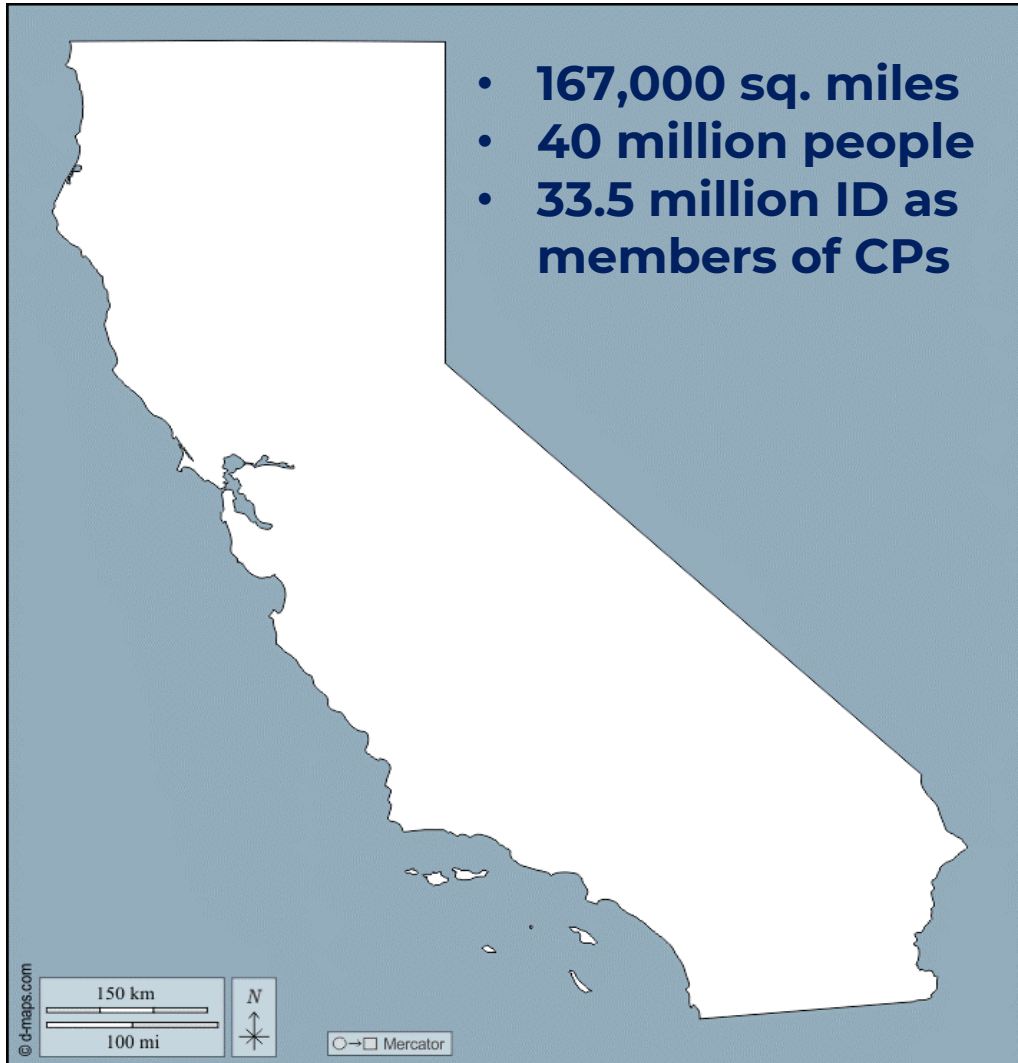
Participants of Regional  
Planning Workshops and  
Consultations

**2,296**

Meetings, listening sessions

**385+**

# Size & Scale of Digital Equity Challenge



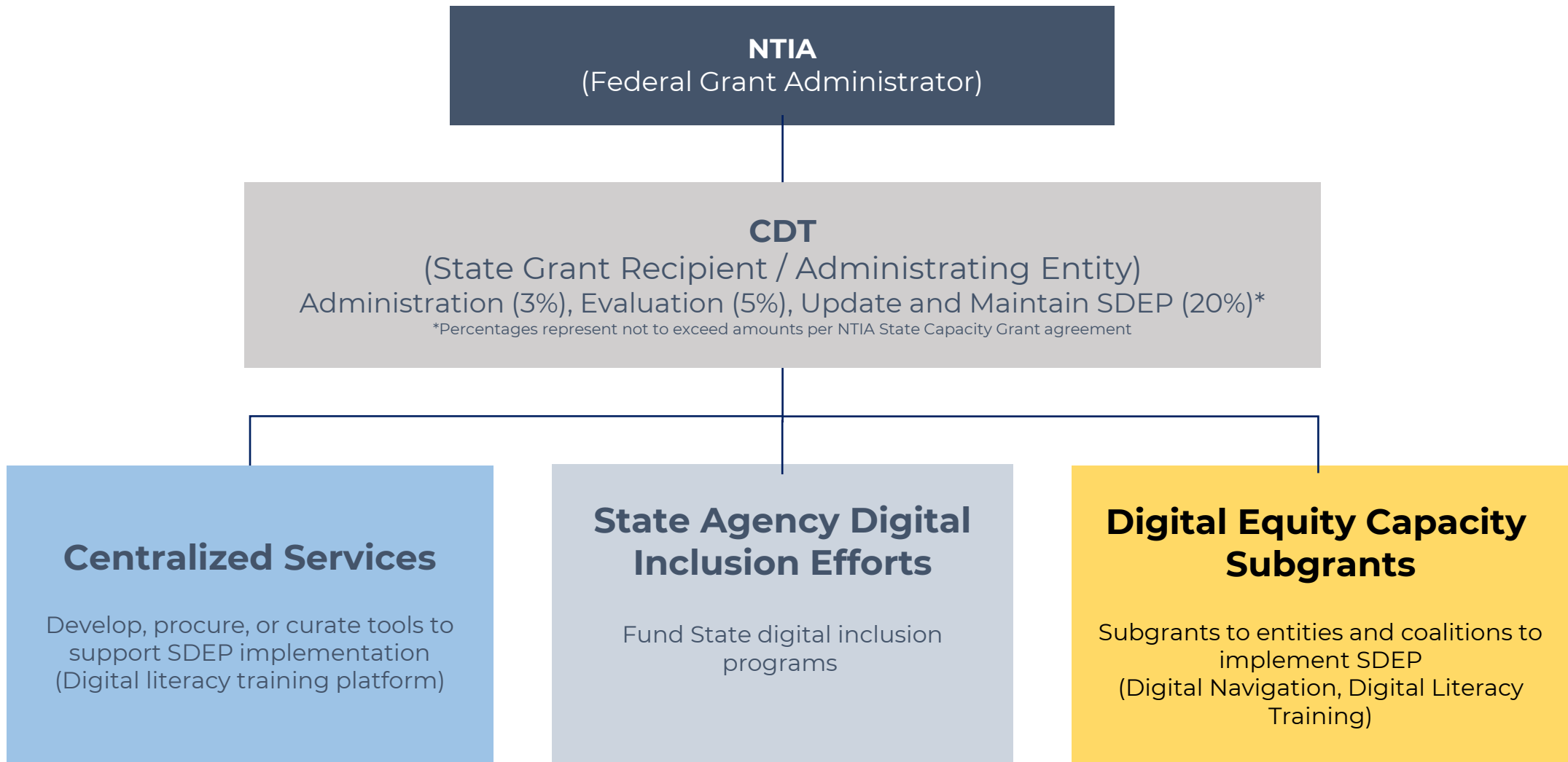
**State DE Capacity Grant:**

**\$70.2 Million**

**Potential Eligible Entities:**

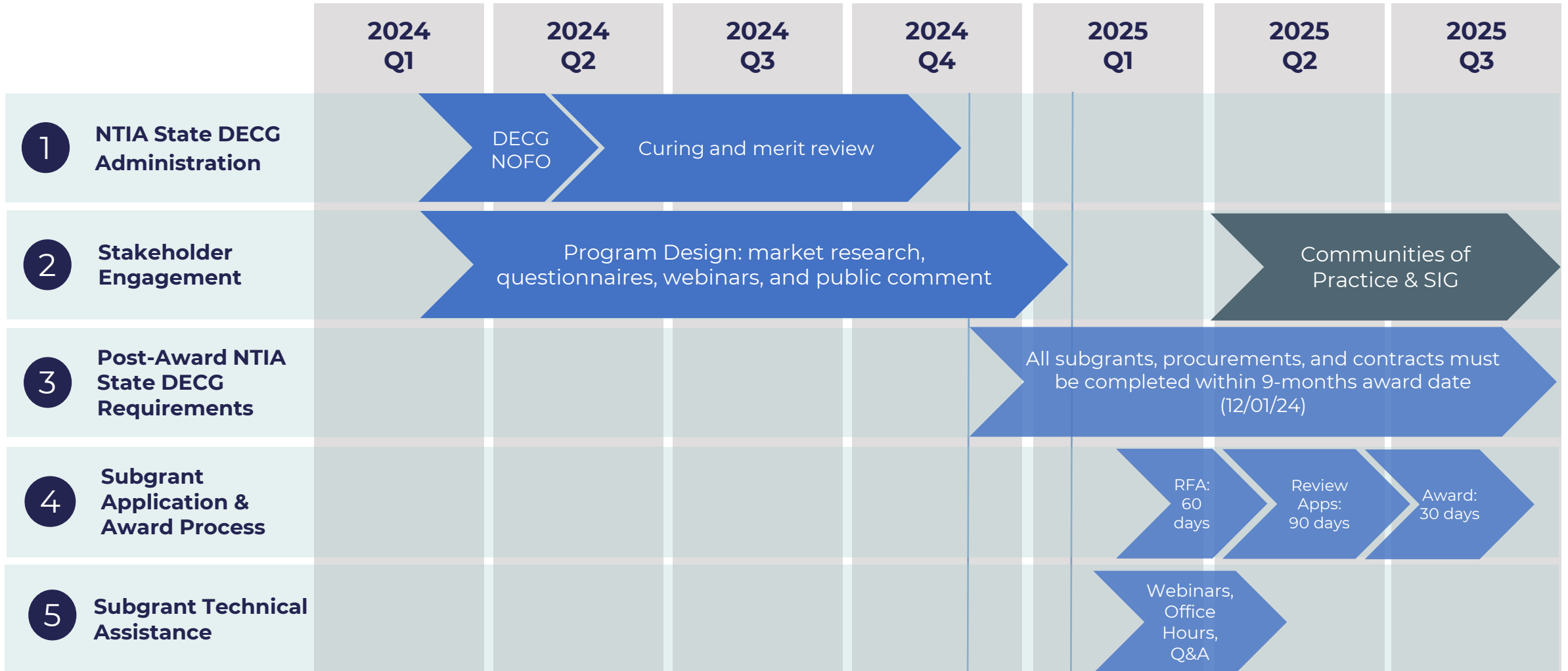
**9,000+**

# Capacity Grant Program Structure



# SDEP & DECG PROGRAM IMPLEMENTATION

## Tentative Timeline



Period of Performance began on 12/01/2024

Today

Note: Tentative timeline subject to revision and change



# Types of Broadband Infrastructure

**Middle Mile:** Broadband infrastructure that serves as an internet highway, connecting communities and serving last mile providers.

**Last Mile:** Broadband infrastructure in communities that provides the connection to homes and businesses.



# MMBI Network

CDT has been appropriated \$3.87 billion to develop a statewide, open access, middle mile broadband network.

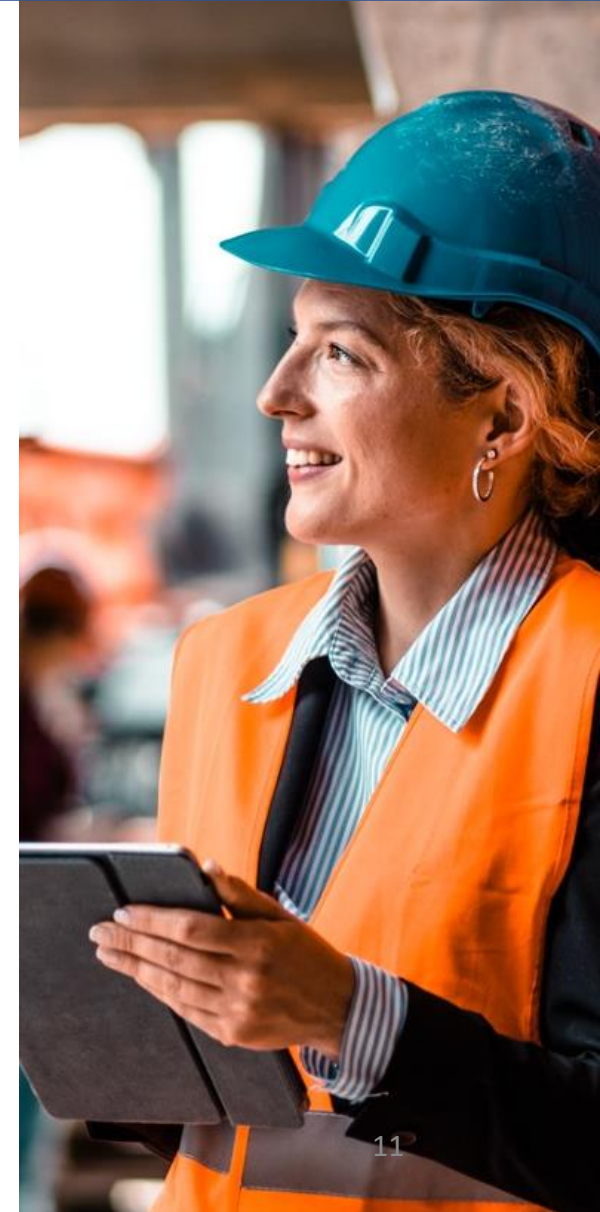
- More than 8,000 miles.
- Reach every county in the state.
- Connect almost all of the unserved communities identified by the CPUC.



# MMBI: Responsibilities

## Statutorily Specified Roles:

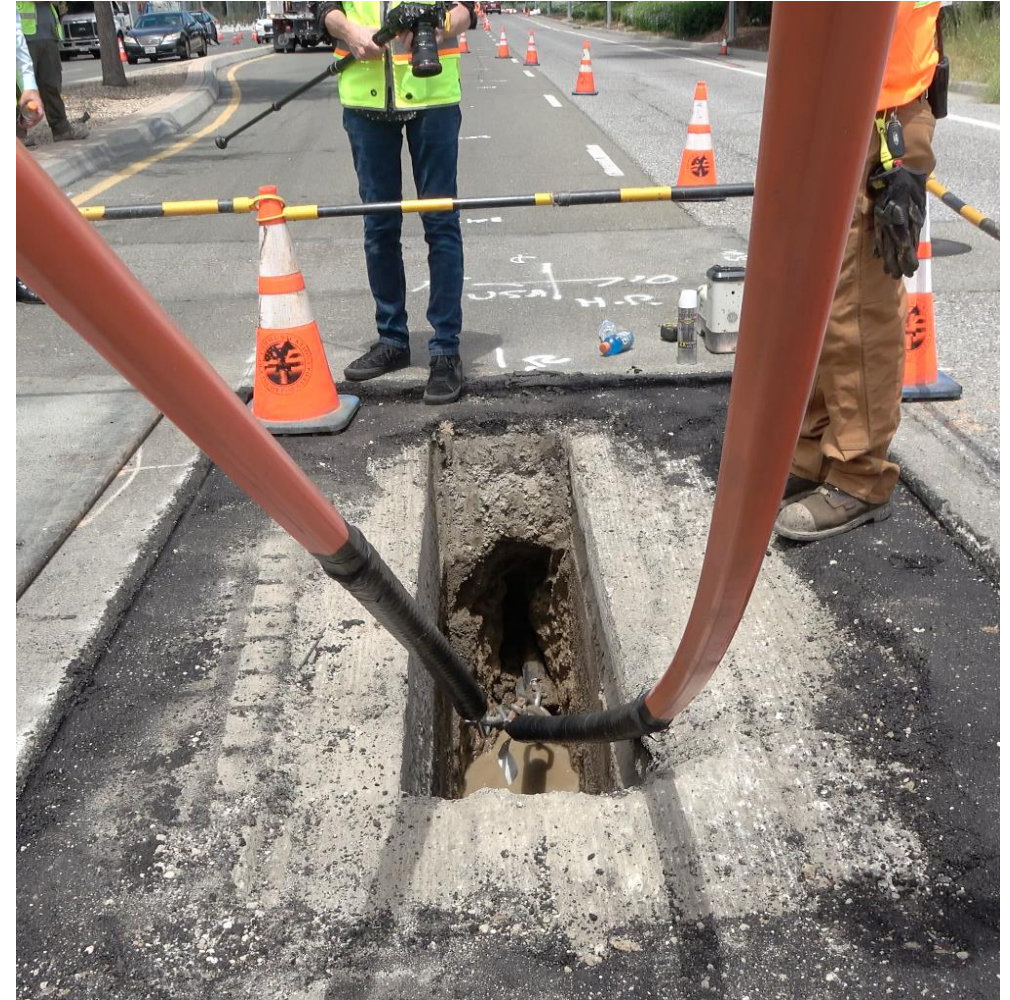
- **California Department of Technology (CDT):** MMBI project owner
- **California Public Utilities commission (CPUC):** Identify unserved and underserved locations for the MMBI network to reach.
- **Caltrans:** Construct segments of the MMBI network along state highway right of way.
- **Third-Party Administrator (TPA):** Development of the MMBI project.



# MMBI: Innovations

## Other Important Components of SB 156:

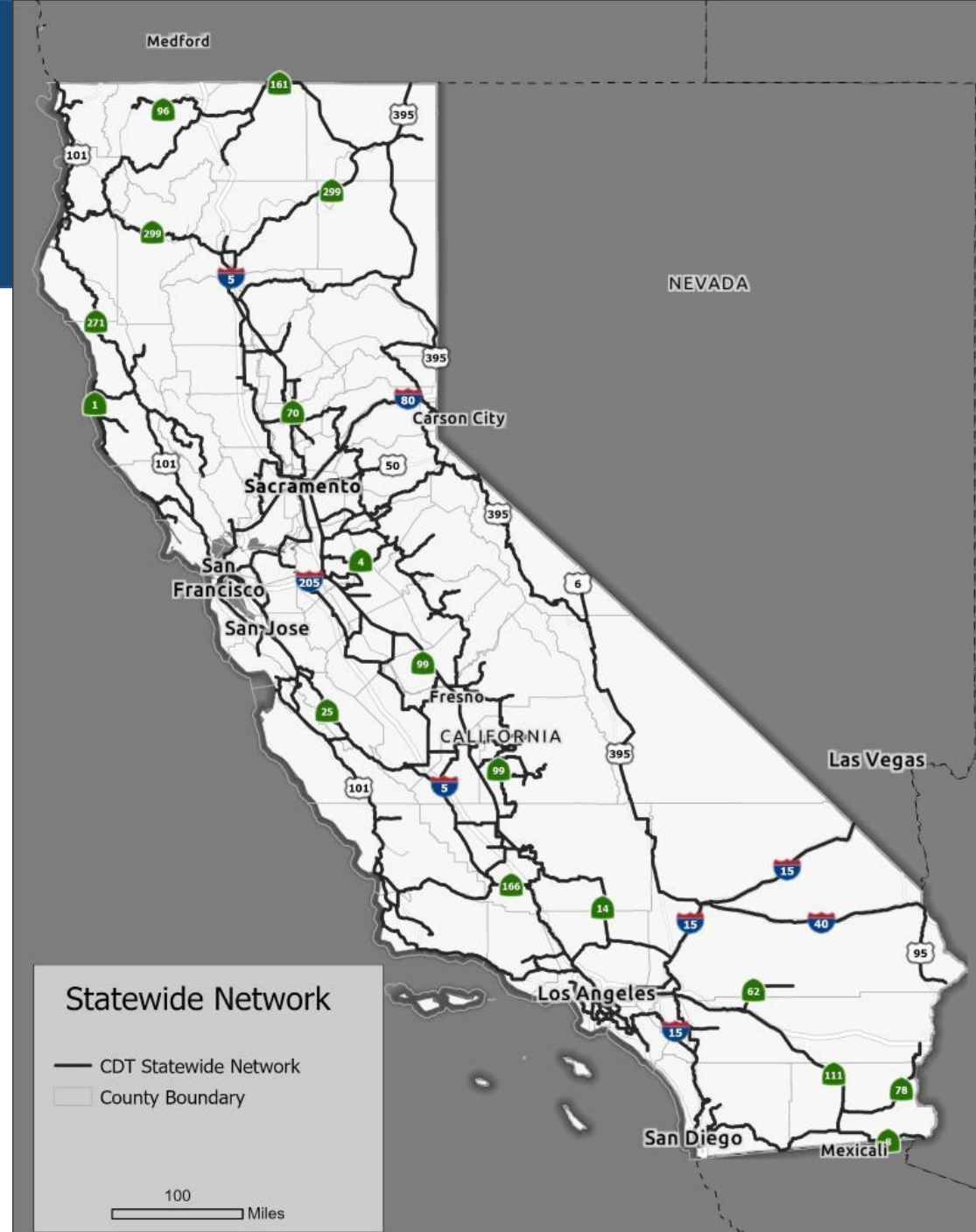
- Streamlined CEQA process.
- Alternative Contracting Authority.
- Acknowledgement of potential need for other partnerships.



# MMBI: Moving Quickly

## Since 2021:

- Developed a resilient network map that is over 8,000 miles, reaching every county in the state.
- Purchased conduit, fiber, vaults, huts, and electronics.
- Signed agreements with State and federal permitting entities.
- Solicited bids/Contracted for:
  - Caltrans construction
  - Lease, Purchase, and Joint Build partnerships (RFI2)



# Current MMBI Network Map

**2024 Budget Act:** SB 164 requires CDT to prioritize MMBI segments connecting to last mile grant programs, such as the CPUC's Federal Funding Account (FFA) grant program.

- The CPUC received almost 500 FFA grant applications.
- Of these, 105 FFA applications indicate the intent to connect to the MMBI network **(in blue)**.





CALIFORNIA  
**ALL**

Broadband for All

12/30/24

# Middle-Mile Broadband Initiative **FACT SHEET**

## 1. At A Glance



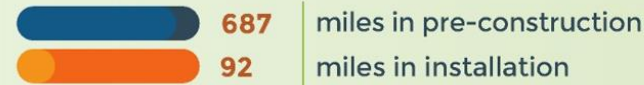
**Pre-Construction:**  
**5,028** miles  
(62% of the total miles)



**Installation:**  
**3,090** miles  
(38% of the total miles)

## 2. Network Development Activities

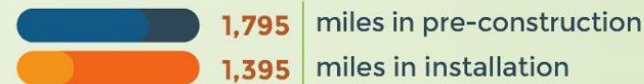
**Caltrans Construction: 779** total miles including SR 67 Dig Smart



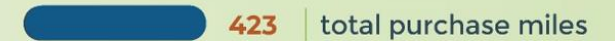
**IRU/Lease Partners: 3,726** total miles  
Boldyn, CVIN, Lumen, TPN-299, Ytel



**Joint Build Partners: 3,190** total miles  
American Dark Fiber, Arcadian, Hoopa Valley, Lumen, Siskiyou Tel, Vero, Zayo, Karuk Tribe, Gateway Cities Council of Governments



**Purchase Partner: 423** total miles  
Digital 395



## 3. Spotlight

The California Department of Technology (CDT) and the Karuk Tribe have entered into a historic partnership to install and maintain approximately 46 miles of the Middle-Mile Broadband Network (MMBN) in Humboldt County and tribal lands. CDT also entered into a joint-build partnership with the Gateway Cities Council of Governments this month for approximately 73 miles of network in southeast Los Angeles County. These partnerships will pave the way for reliable and affordable high-speed internet access to rural, tribal, and urban communities.

