



California  
DEPARTMENT OF TECHNOLOGY

# Broadband in California

SF Tech Council  
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# California Department of Technology

CDT is the guardian of public data, a leader in IT services and solutions, and has broad responsibility and authority over all aspects of technology in California state government, including:

- Policy formation
- Inter-agency coordination
- IT project oversight
- Information security
- Technology service delivery
- Advocacy

# Office of Broadband and Digital Literacy

- Statewide ecosystem dedicated to closing the digital divide
- California Broadband Council
- Broadband Executive Order and BB4ALL Action Plan
- Statewide Open-Access Middle-Mile Network

# California Broadband Council

12-member council established in 2010 to promote broadband deployment in unserved and underserved areas of the state as defined by the Public Utilities Commission, and broadband adoption throughout the state for the benefit of all Californians.



Director of Department of Technology

**Amy Tong, Chair**



Superintendent of Public Instruction

**Tony Thurmond**



Secretary of Food and Agriculture

**Karen Ross**



Member of the Senate

**Senator Ben Hueso, Vice-Chair**



Director of Department of General Services

**Ana Lasso**



State Librarian

**Greg Lucas**



President of California Public Utilities Commission

**Marybel Batjer**



Secretary of Transportation

**David Kim**



Governor's Tribal Advisor

**Christina Snider**



Director of Department Emergency Services

**Mark Ghilarducci**



President of the California Emerging Technology Fund

**Sunne Wright McPeak**



Member of the Assembly

**The Honorable Mike A. Gipson**

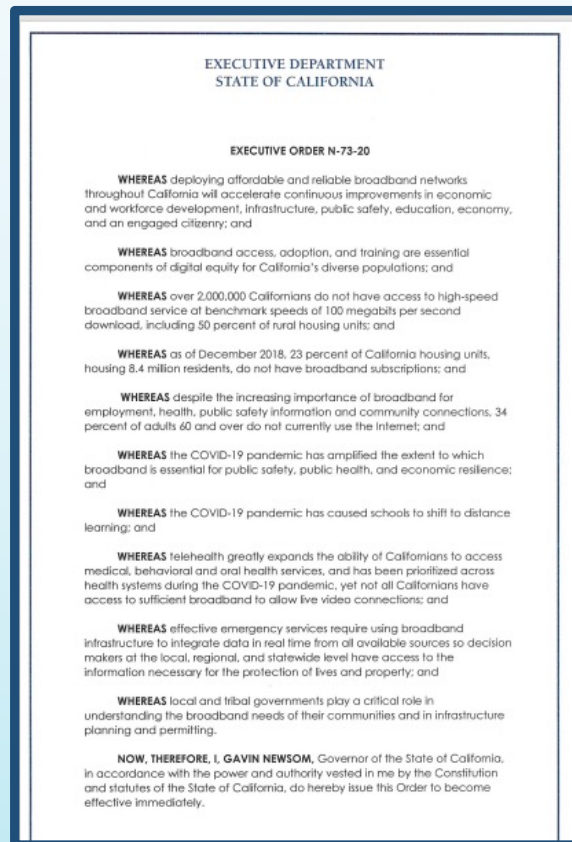
# COVID / Digital Divide

## Lack of equity is apparent in broadband statistics:

- 83% of Californians have access to broadband
- Only 52% of Californians have broadband at modern speed of 100 Mbps
- 51% rural households have no network offering 100 Mbps
- 28% tribal lands also lacking this service level

# Executive Order N-73-20

Required the development of a California State Broadband Action Plan.



Contained specific direction on 15 items:

- Data and Mapping
- Funding
- Deployment
- Adoption

# Broadband Action Plan 2020



**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.

## 24 Actions:

- Adoption
- Deployment
- Digital Literacy
- Funding
- Mapping and Data

# CDT/OBDL

- Contracting and procurement
- Refining cost models for broadband projects
- Convenings and roundtables with stakeholders
- Identifying funding programs and grants (mostly federal) to support broadband deployment, adoption and digital literacy training
- Broadband information portal



# SB 156 (Chapter 112, Statutes of 2021)

- \$6 billion investment over three years to:
  - Expand broadband infrastructure
  - Increase affordability
  - Enhance access to broadband for all Californians.
- \$3.25 billion to develop, acquire, construct, maintain and operate a statewide “open-access middle-mile” network. (CDT)
- \$2.75 billion for last-mile infrastructure grant programs (CPUC)

# SB 156 (Chapter 112, Statutes of 2021)

- CDT/OBDL oversees the acquisition and management of contracts for the development, acquisition, construction, maintenance, and operation of statewide open-access middle-mile broadband network
- CDT/OBDL main POC
- Retain third-party administrator (CENIC MMBI, LLC)
- 9-member Middle-Mile Advisory Committee to monitor the development of the middle-mile

# Leadership

## Middle-Mile Advisory Committee

- CDT: Chair
- DOF
- Caltrans
- CPUC
- GOV OPS
- 2 Ex Officio – Senate
- 2 Ex Officio – Assembly

## Business Partner Working Group

- CDT
- TPA
- DOF
- Caltrans
- CPUC

## Program Oversight And SLFRF Reporting

- CDT
- DOF

# Working Group



## California Department of Technology

- Program, fund management, reporting and oversight
- Retain TPA
- In collaboration with TPA and CPUC, facilitate high speed broadband access through last-mile connectivity



## Department of Finance

- Budget oversight and facilitation
- SLFRF quarterly reporting to the federal government



## California Public Utilities Commission

- Provide data to identify unserved & underserved areas
- Facilitate public comment
- Recommend network placement



## Caltrans

- Leverage existing transportation projects
- Oversee acquisition and management of construction contracts for open-access middle-mile broadband network

# Guiding Principles

1. Provide affordable, open-access, middle-mile broadband infrastructure to enable last-mile network connectivity throughout the state.
2. Build the network expeditiously, leveraging existing infrastructure, networks, and construction projects, where feasible.
3. Prioritize connectivity to unserved and underserved communities, including community institutions.

# Links/Resources

[California Broadband Council](#)

[Executive Order N-73-20](#)

[Broadband for All Action Plan](#)

[Senate Bill 156](#)

[Middle Mile Advisory Committee](#)

[California Public Utilities Commission](#)