Broadband in California
SF Tech Council
September 29, 2021
Scott Adams, Deputy Director of Broadband and Digital Literacy
Office of Broadband and Digital Literacy, CA 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.

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
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<tr>
<td>Director of Department of Technology</td>
<td>Amy Tong, Chair</td>
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<td>Member of the Senate</td>
<td>Senator Ben Hueso, Vice-Chair</td>
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<td>President of California Public Utilities Commission</td>
<td>Marybel Batjer</td>
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<td>Director of Department Emergency Services</td>
<td>Mark Ghilarducci</td>
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<td>Superintendent of Public Instruction</td>
<td>Tony Thurmond</td>
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<td>Director of Department of General Services</td>
<td>Ana Lasso</td>
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<td>Secretary of Transportation</td>
<td>David Kim</td>
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<td>Secretary of Food and Agriculture</td>
<td>Karen Ross</td>
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<td>State Librarian</td>
<td>Greg Lucas</td>
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<td>Governor's Tribal Advisor</td>
<td>Christina Snider</td>
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<td>Member of the Assembly</td>
<td>The Honorable Mike A. Gipson</td>
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<td>President of the California Emerging Technology Fund</td>
<td>Sunne Wright McPeak</td>
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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
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
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
$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
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