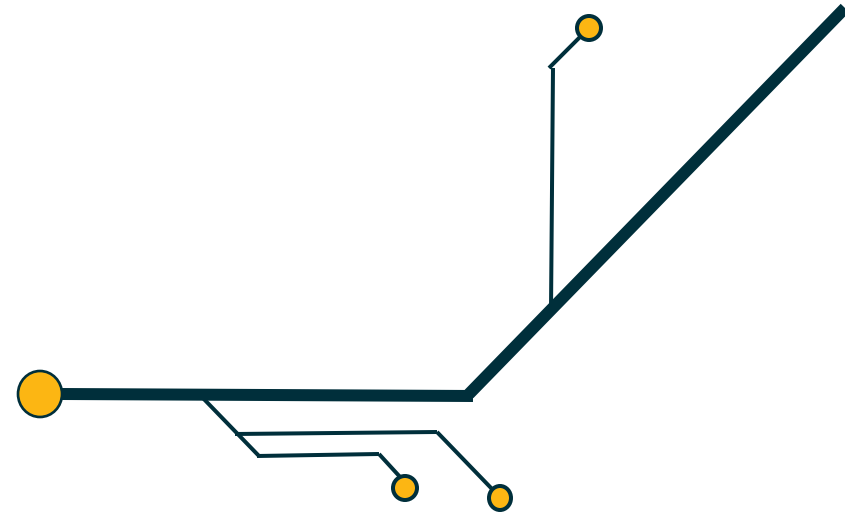


# Internet Service Providers Engagement



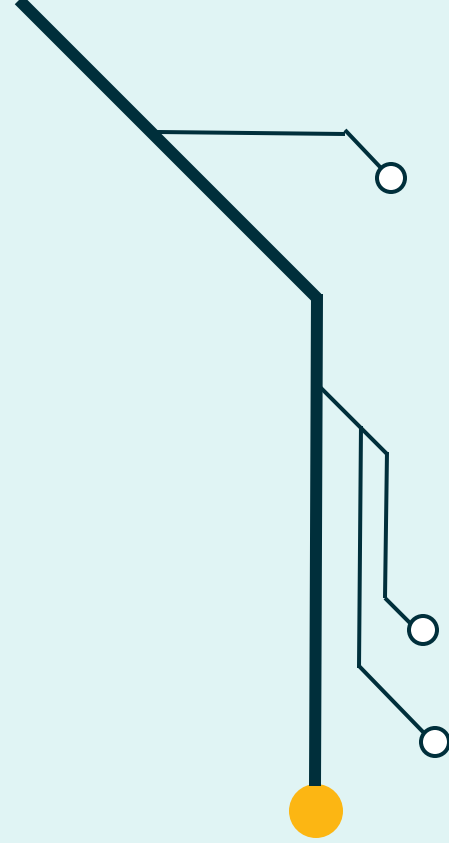
# Agenda

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1. Welcome and Introductions
2. Broadband Program Overviews
3. State Broadband Efforts
4. Next Step and Questions

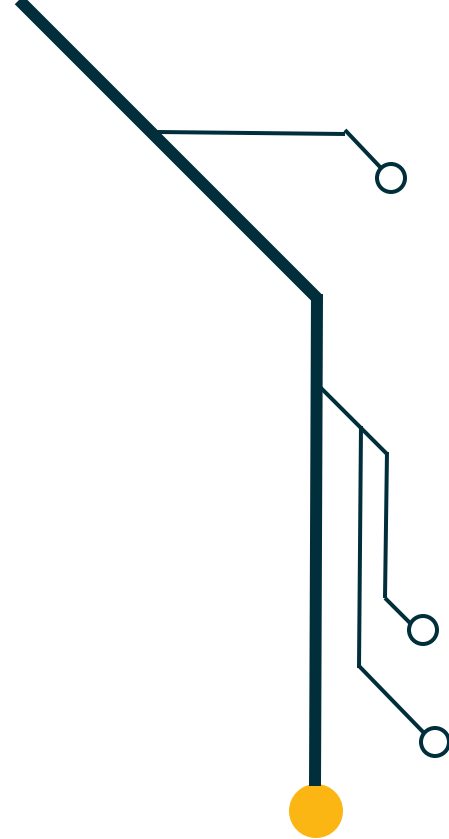
# Welcome and Introductions

- *Kelly Schlegel - Director of the Office of Broadband Access and Expansion*
- *Joaquin Alvarado – Community Engagement Facilitator*

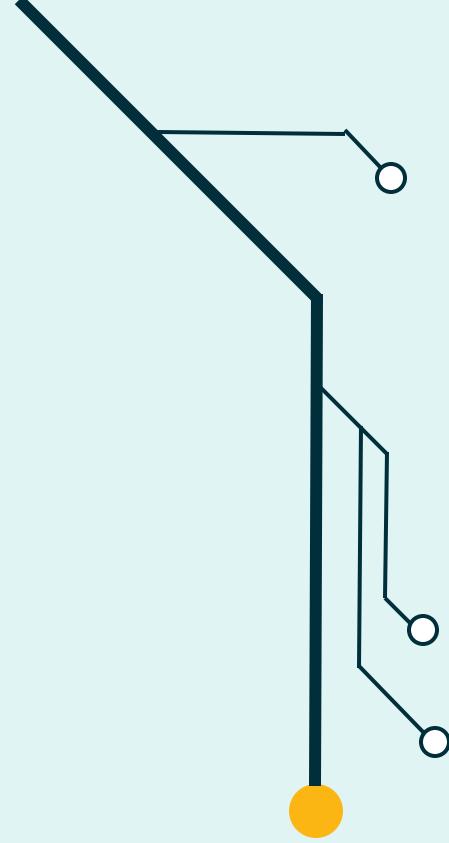


# Mission and Vision of Office of Broadband

- **Mission:** Passionate leadership to drive bold, equitable, and inclusive broadband solutions
- **Vision:** Achieve bold, affordable broadband solutions for New Mexicans that honor the state's rich heritage and elevate quality of life for all
- **Values:** Seven values defining OBAE's people, processes, planning, and programs: 1) bold; 2) honest; 3) curious; 4) innovative; 5) respectful; 6) collaborative; 7) analytically rigorous
- **Four major goals**
  - Universal Broadband Availability
  - Broadband Adoption and Meaningful Usage
  - Statewide Next Generation Networks
  - Program Stewardship
- **These goals are foundation of the 3-yr Plan submitted Jan 01, 2023 that describe strategic priorities, initiatives and actions to accomplish each goal**



# Broadband Program Overview



# Broadband, Equity Access and Deployment (BEAD)

The BEAD program will expand high-speed Internet access by funding **planning, infrastructure** deployment and **adoption** programs.

## Digital Equity Act Programs

The Digital Equity Act provides funding to establish programs that aim to ensure that all people and communities have the **skills, technology,** and **capacity** needed to reap the full benefits of our digital economy.

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## Digital Equity Act Programs

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# Digital Equity Ecosystem

A Digital Equity Ecosystem is coordinating entities' work together to address all aspects of the digital divide, including affordable broadband, devices, and skills.

## Indicators of a strong Digital Equity Ecosystem:

- Existence of programs and policies **addressing all aspects of the digital divide:**
  - Affordable and subsidized broadband service options that meet the community's needs
  - Affordable and subsidized device ownership programs that meet the community's needs
  - Multilingual digital literacy and digital skill trainings that meet the community's needs
  - Hardware and software technical support
  - Digital navigation services to guide residents to the above services
- **Collaboration:** Entities providing local digital equity services, policymakers, advocates, social service providers and community leaders co-create solutions in partnership with the community.



# Broadband Funding Priorities and Timeline

New Mexico is developing a statewide plan for expanding broadband to all in-state addresses

## Funding priorities for fiber-to-the-premises deployment

1. **Unserved locations:** those that cannot get Internet service at least 25/3 Mbps
2. **Underserved locations:** those that get internet service between 25/3 and 100/20 Mbps
3. **Community Anchor Institutions** (schools, libraries, hospitals, public safety): locations that cannot get 1Gbps internet
4. Low income and affordable housing

Planning

2023

Provisional grant program

2024

New infrastructure

2025

# Broadband Funding

## Examples of eligible uses of funds

- Planning for the **deployment of high-speed Internet**, including conducting research, collecting data, outreach, and training
- Deploying or **upgrading Internet** in unserved or underserved areas or improving service to community anchor organizations
- Installing Internet and Wi-Fi in **multi-unit residential buildings**
- Adoption and digital equity programs
- Workforce development programs and vocational training

# Digital Equity Funding Priorities

New Mexico is developing a statewide plan for advancing digital equity, including how to utilize upcoming federal funds

## Program areas:

- **Broadband Access:** Individuals have more affordable, accessible, and reliable high-speed home internet service
- **Devices and Tech Support:** Individuals have access to a computer or tablet and technical support
- **Digital Literacy and Skills:** Individuals have digital skills to support their ability to meaningfully use the internet in their daily lives
- **Accessible and Inclusive Content:** Public online content is inclusive and accessible by all individuals
- **Privacy and Security:** Individuals can protect their data privacy and online security

## Covered Populations:

- Rural residents
- Low-income individuals
- Veterans
- Seniors
- Individuals with disabilities
- English learners
- Racial and ethnic minorities
- Incarcerated individuals

# Digital Equity Funding

## Examples of eligible use of funds

**Planning for the deployment** of high-speed Internet, including conducting research, collecting data, outreach, and training

**Deploying or upgrading Internet** in unserved or underserved areas or improving service to community anchor organizations

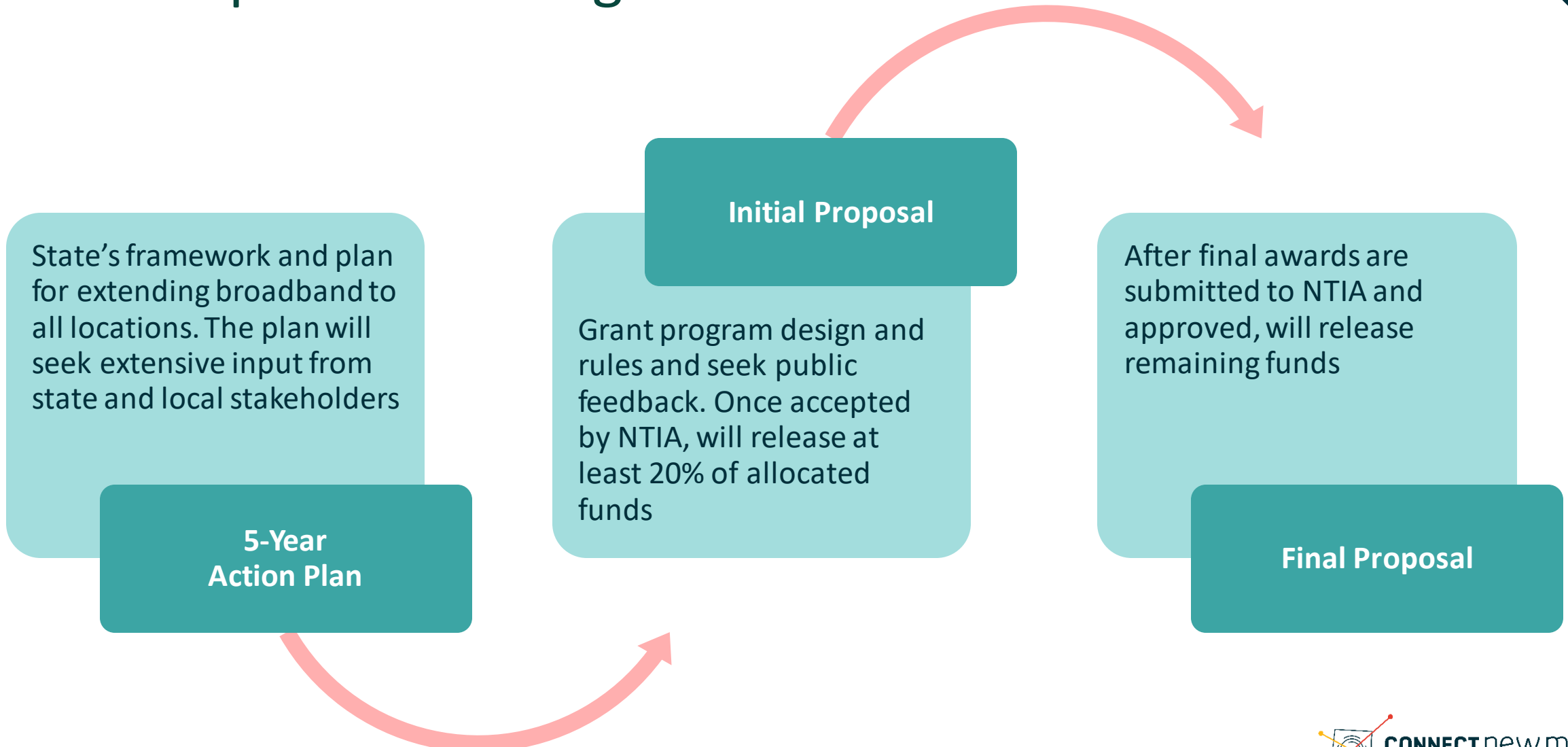
Installing Internet and Wi-Fi in **multi-unit residential buildings**

**Adoption and digital equity programs such as:**

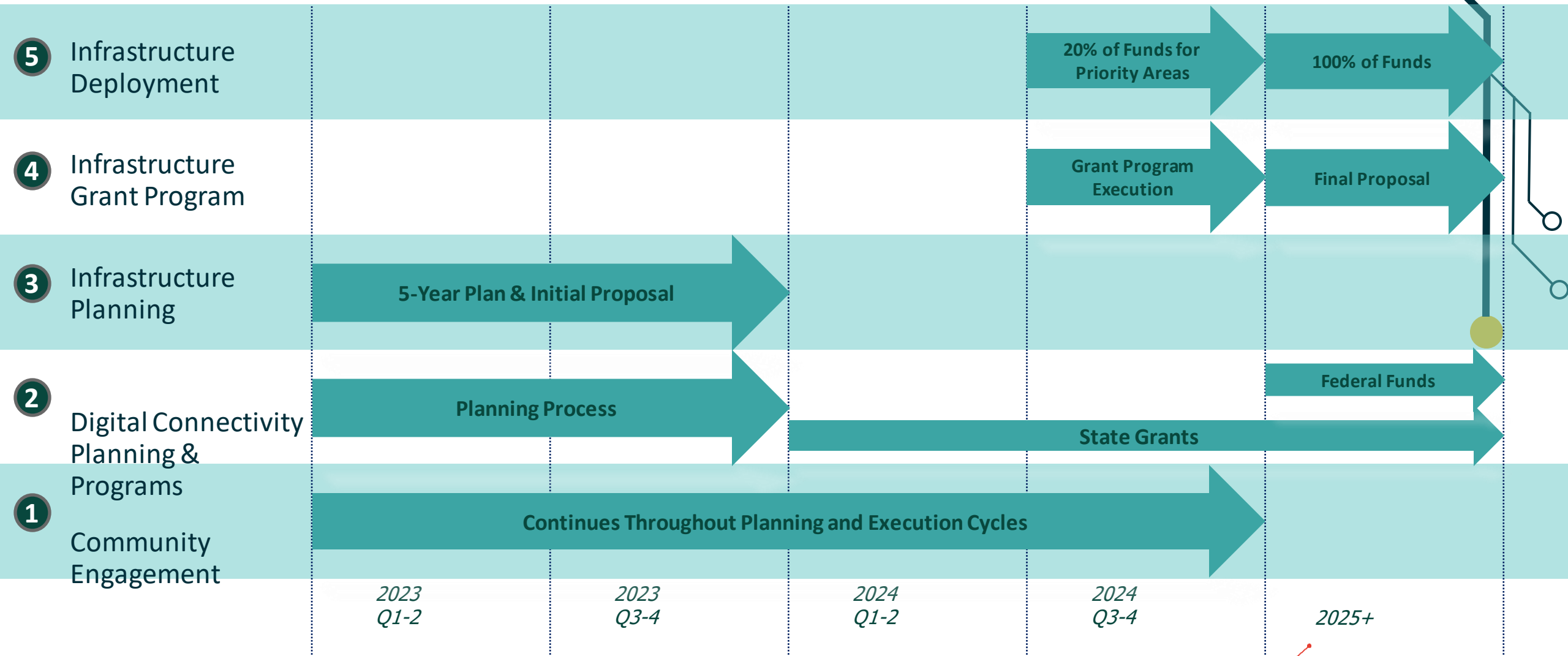
- Device distribution
- Digital navigators
- Digital skills classes
- Help desk support services

**Workforce development** programs and vocational training

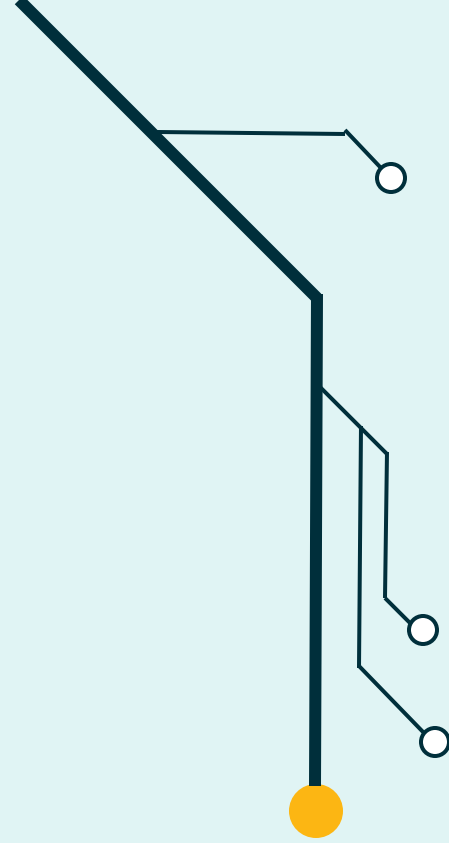
# Required Planning Will Result in Release of Funds



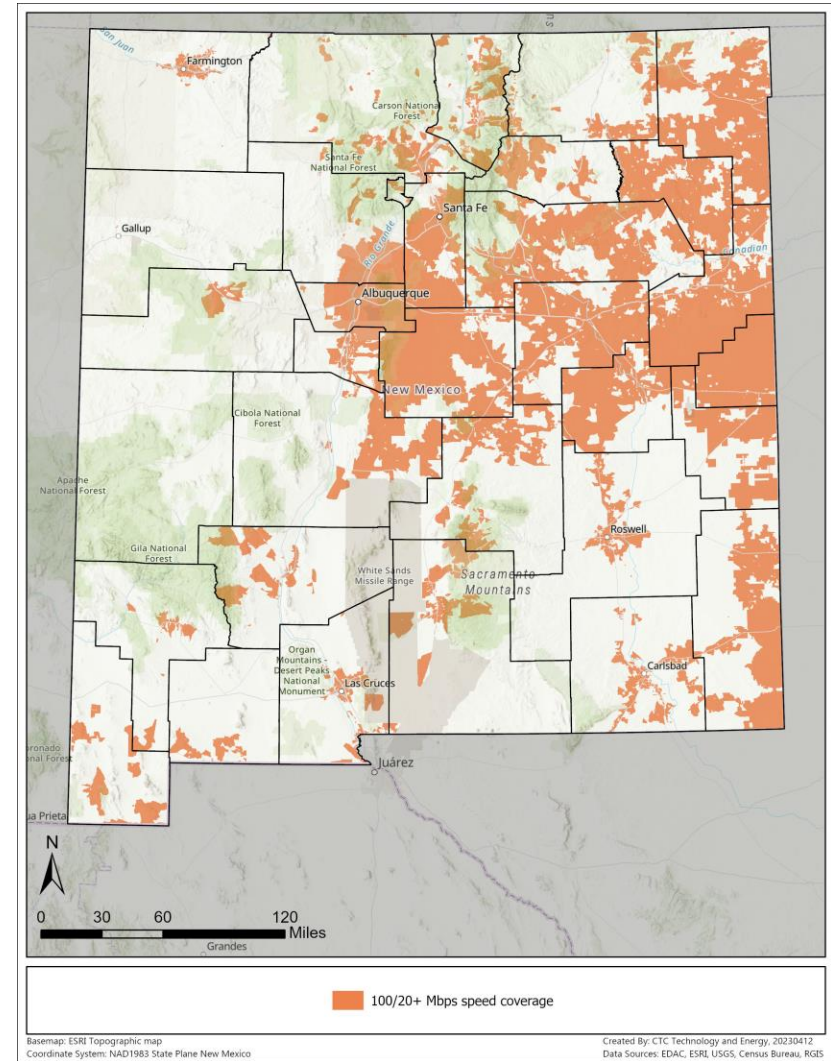
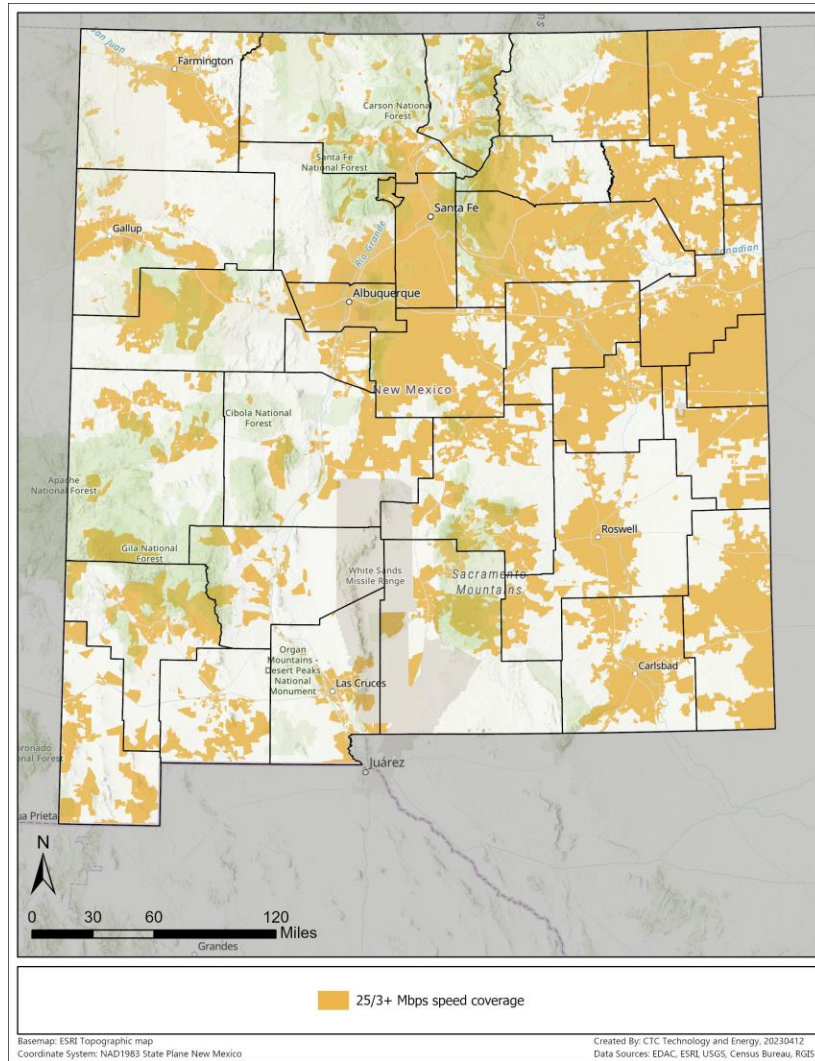
# Broadband Programs Timeline



# Identifying barriers in New Mexico



# New Mexico Broadband Map





## Question:

What obstacles do you see to achieving universal connectivity in New Mexico and what might be done to address those?

## Considerations:

- Building the “**Digital Equity Ecosystem**”
- Approaches to getting broadband to all rural areas
- Spurring adoption
- Sustainability of services
- Collaboration

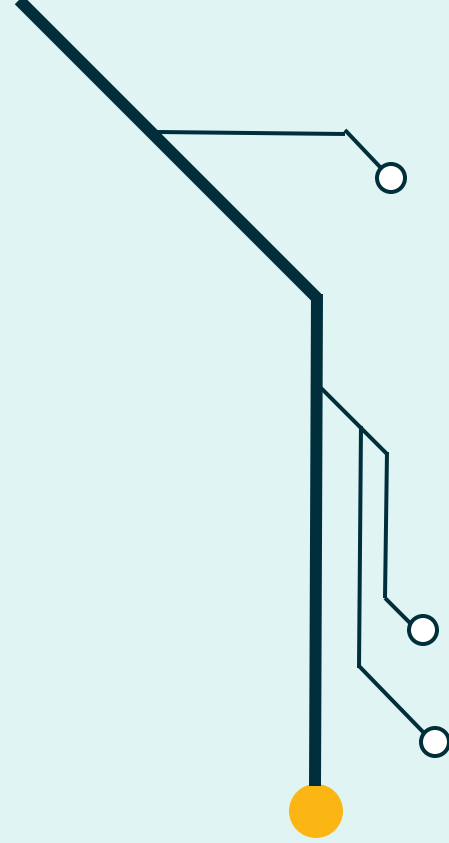
# Discussion

- If you participate in ACP, what are your outreach mechanisms?
- How do you help communities enroll in the program?

# Discussion

- How would you like to work with New Mexico OBAE on workforce development issues related to broadband deployment?
- Do you currently have any workforce development initiatives underway?

# Next Steps and Questions



# Broadband Service Deployment Under BEAD

State issues subgrants and requires matching funds to deploy broadband infrastructure and deliver service

Projects comply with fair labor standards and cybersecurity practices

State workforce development plan ensures readiness and new jobs to underrepresented groups

Low-cost service options available to households qualifying for ACP and low-cost service parameters based on provider participation in ACP, cost to subscribers after subsidies, and plan speed

Compliance with state and federal environmental laws, climate threat assessment

**Broadband service project areas  
prioritize unserved address locations**



# What roles can ISPs play in supporting Broadband and Digital Connectivity Programs?



**Broadband Access:**  
Affordable, accessible, and reliable high-speed home internet service is available for all individuals



**Accessible and Inclusive Content:**  
Public online content is inclusive and accessible by all individuals



**Devices and Tech Support:**  
Individuals have access to a computer or tablet and technical support



**Privacy and Security:**  
Individuals can protect their data privacy and online security



**Digital Literacy and Skills:**  
Individuals have digital skills to support their ability to meaningfully use the internet in their daily lives

# Discussion

Based on your participation in other private/public funding efforts (ARPA) what should OBAE consider for its BEAD grant program design?

# Internet Service Providers Survey

- Sources used for hiring workers for broadband deployment
- Workforce development or apprenticeship programs. How you will work with the state on workforce development for broadband deployment, including programs to support diversity.
- Participation in the Affordable Connectivity Program, subsidized service offerings speeds and costs.
- Internet skills and adoption programs
- Collaboration with communities to close the digital divide
- Approaches to deploying broadband in areas most expensive to serve
- Continuity and disaster recovery plans





# Workforce Development Survey

- Profile of workforce development programs your organization provides or uses, including:
  - Programs for job placement in the communications industry or transferable skill sets
  - Programs addressing any specific populations or communities (such as rural)
  - Current capacity for developing and offering trainings to meet workforce demands in the communications industry
  - Plans for developing and offering additional programs to meet future demands
  - Funding sources for training programs
- Barriers and obstacles to developing a diverse, skilled workforce and how these can be mitigated
- ISP workforce related questions



# Connect with us

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