

The National Telecommunications and Information Administration (NTIA) advises on telecom policy issues

- NTIA is the Executive Branch agency in the U.S. Department of Commerce that is principally responsible for advising the President on telecommunications and information policy issues.
- NTIA's programs and policymaking focus largely on
 - expanding broadband Internet access and adoption in America,
 - expanding the use of spectrum by all users, and
 - ensuring that the Internet remains an engine for continued innovation and economic growth.



Efforts to expand broadband and digital inclusion are helping but the digital divide still persists



10% of all Americans (34 million people) and **39% of rural Americans** (23 million people) lack access to broadband speeds



Approximately **21 million children** do not have the bandwidth needed for digital learning

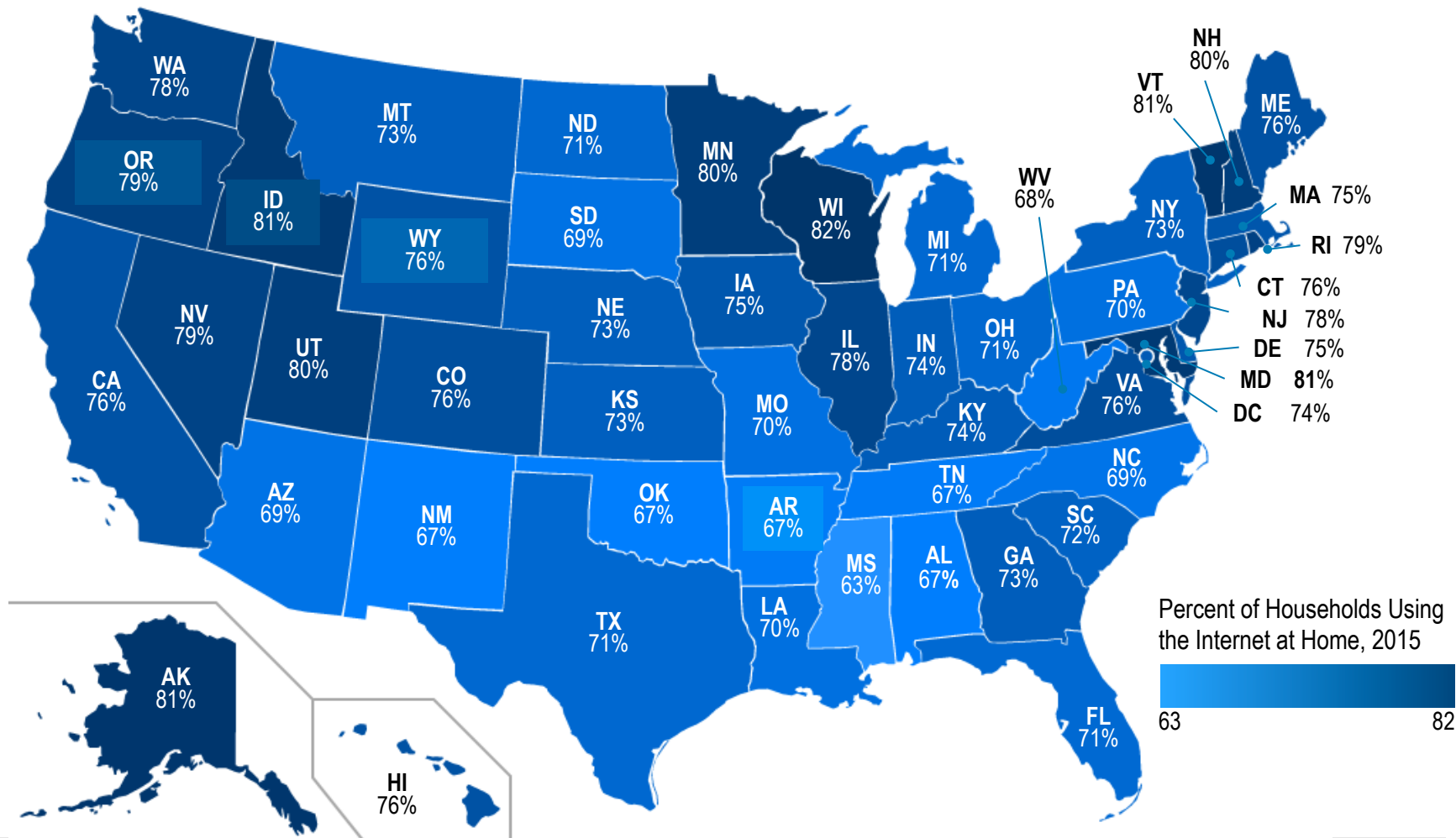


34% of non-metro healthcare facilities lack sufficient broadband connectivity for electronic medical records and information exchange

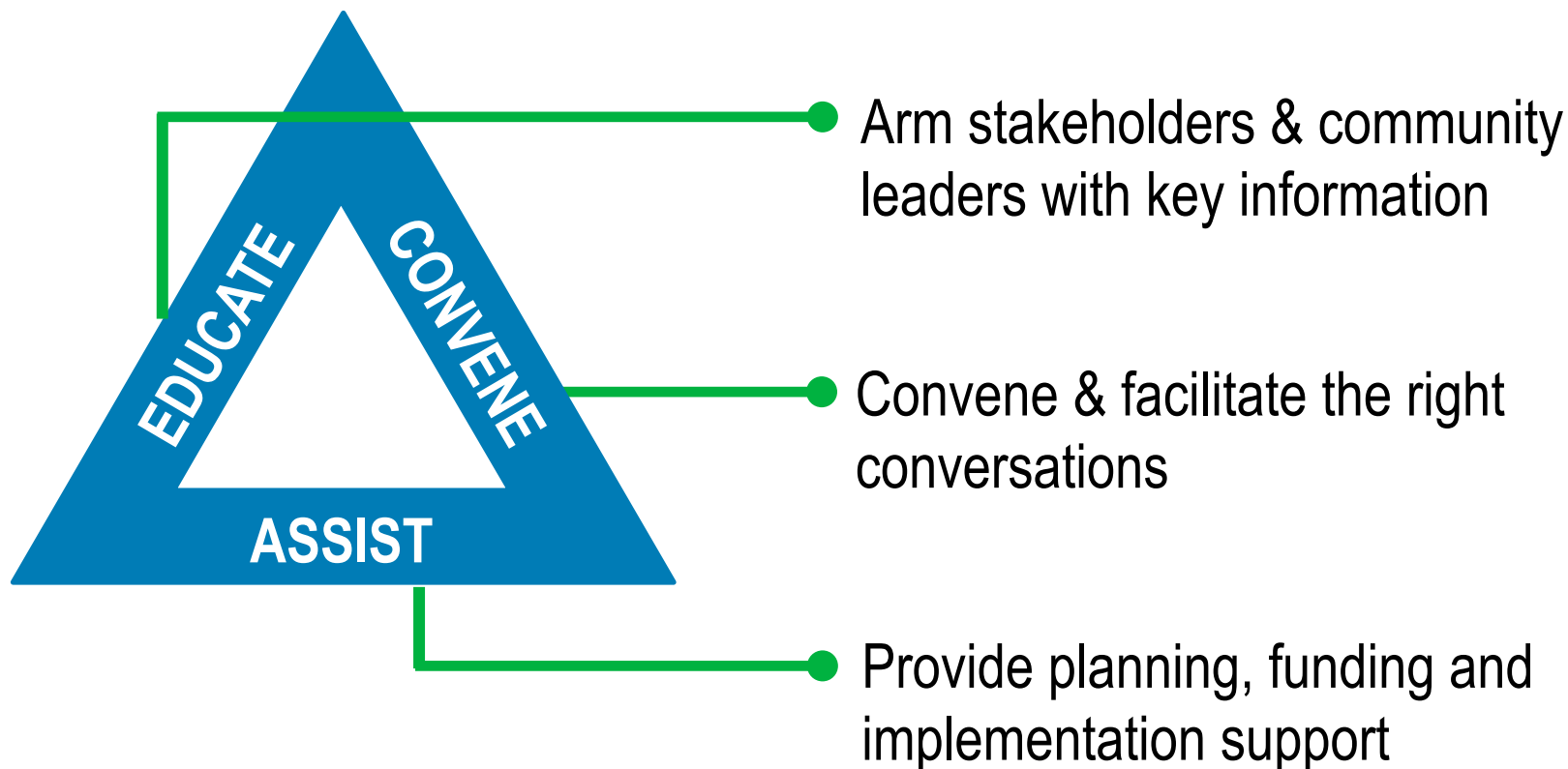


42% percent of public libraries have 10 Mbps or slower connections

Over 33 million households do not use the Internet at home



NTIA's BroadbandUSA program educates communities, facilitates relationships, and provides helpful resources



Our resources help local leaders learn, share and implement the benefits of community connectivity

BroadbandUSA: An introduction to effective public-private partnerships for broadband investments

JANUARY 2015



Broadband is critical to the economic development and vitality of communities across the United States. Given its importance, many leaders are exploring how to expand the availability and adoption of high-quality and affordable broadband services in their communities. To reach these goals, many municipalities have utilized public-private partnerships. While no partnership structure is exactly like another, there are some common models and best practices that communities should research before embarking on a broadband partnership. The best one for a particular community will depend upon several factors specific to each community.

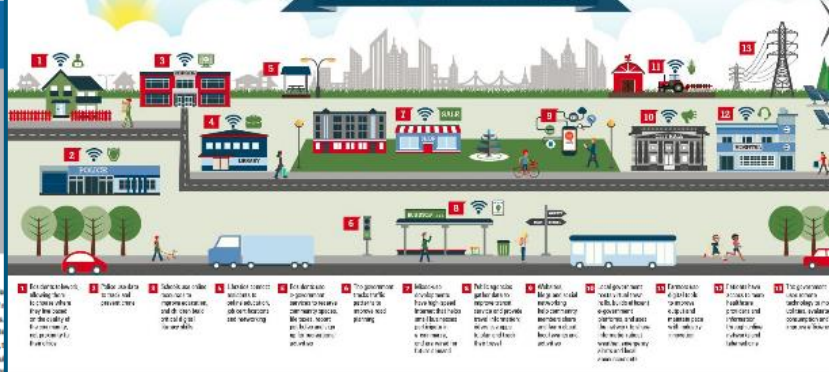
This publication provides an overview of common broadband partnerships, the factors communities should consider in developing a successful partnership model, and tips and best practices NCTA has observed through its oversight of \$4.5 billion in broadband grants to public, private and joint projects across the country.



U.S. Broadband Adoption Rates by State



THE CONNECTED COMMUNITY

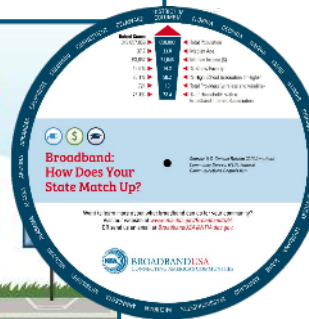
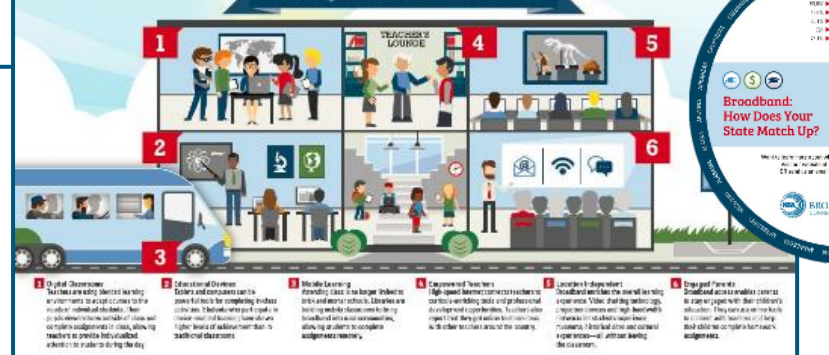


BroadbandUSA: Guide to Federal Funding of Broadband Projects

SEPTEMBER 2015



The Digital Generation's Classroom



Broadband is the foundation for your community's future. Let's build it together.

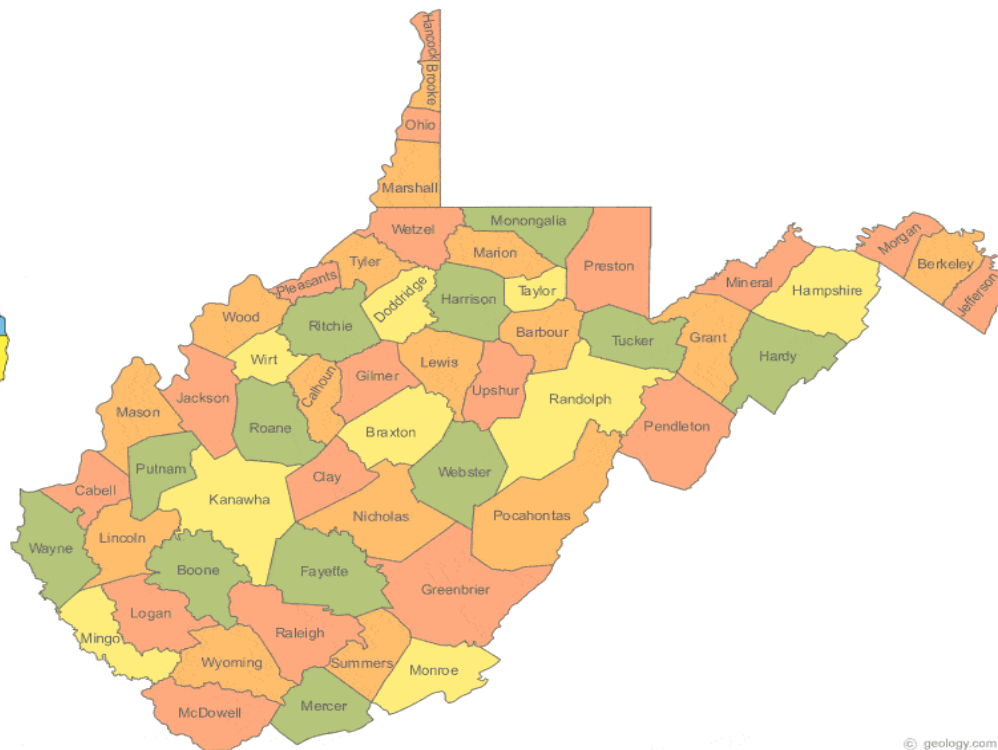
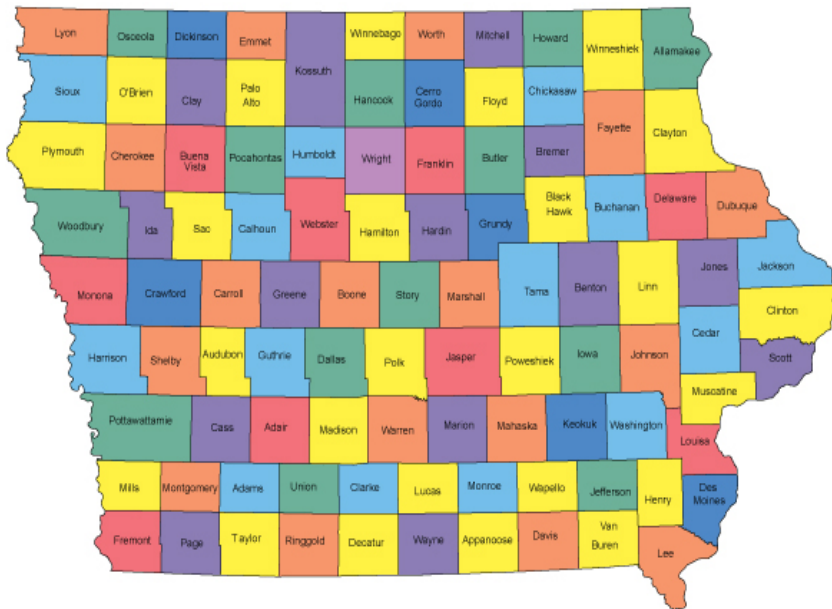


Recent technical assistance workshops

- August 21st – Des Moines, IA

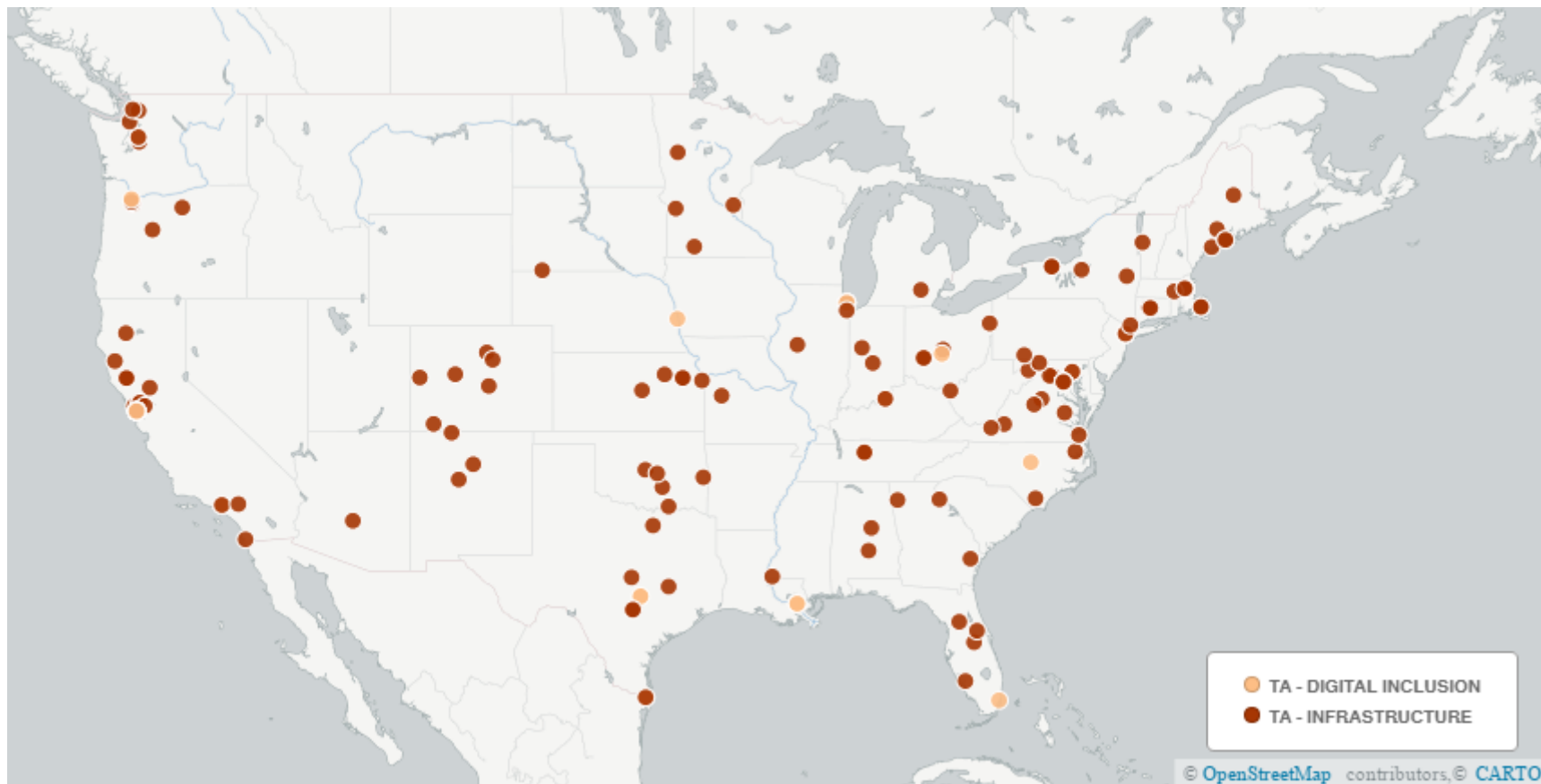
- September 19th – Charleston, WV

Iowa



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BroadbandUSA provides technical assistance across the country



We adapt our offerings to meet community needs



Planning

RFP Development/Review, Asset Inventory, Digital Inclusion Surveys



Funding

Partnership Facilitation, Funding Option Assessments

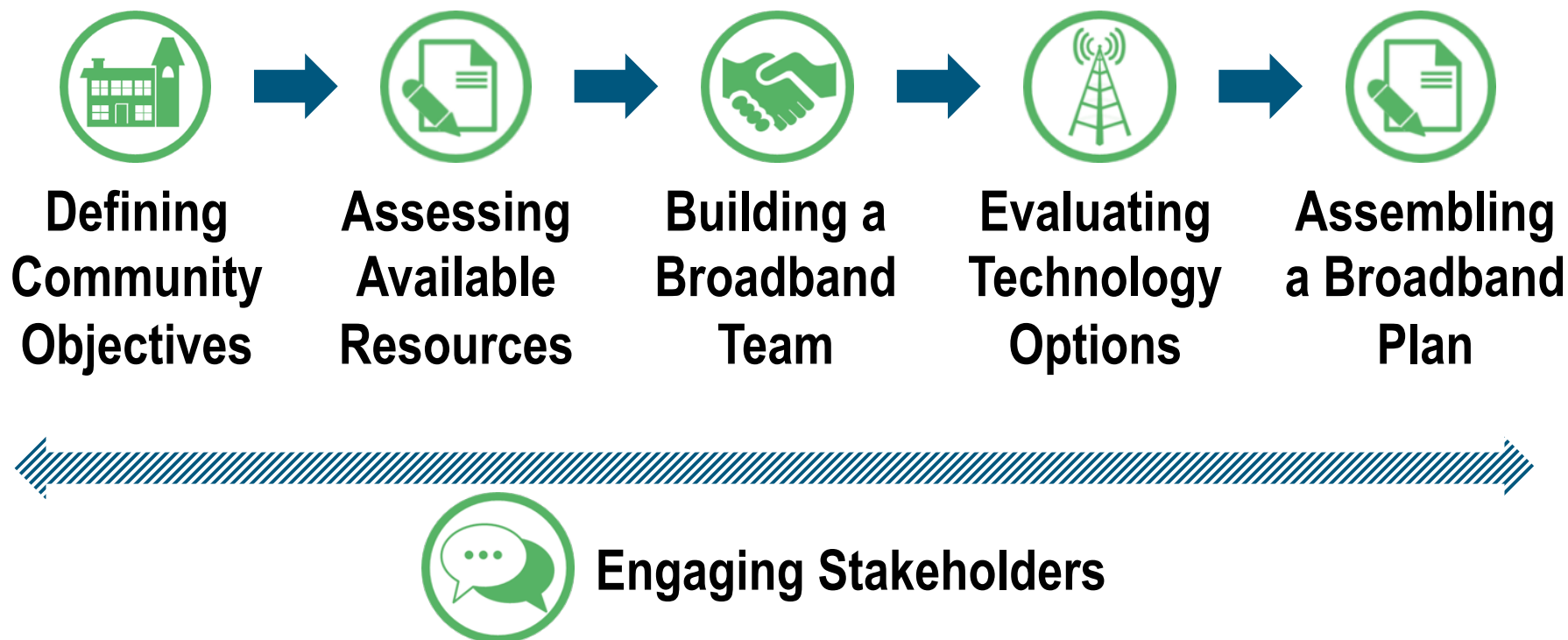


Implementation

Network Design, Regulatory Approvals, Interconnection, Permitting

90% of technical assistance (TA) requests involve broadband planning
62% involve questions related to funding

Communities can enhance planning efforts by developing a comprehensive broadband roadmap



Broadband Connectivity Assessment Tool

- Accelerate community broadband planning, action, and progress.
 - ✓ Better outcomes in less time
 - ✓ Engage more communities
 - ✓ Increase resource relevance & usability
- Advance broadband access, improve adoption, strengthen policies



Get Started



Framework



Assessment



Action Report



Resources

Digital inclusion planning is continuous and comprehensive

Building a digitally inclusive and innovative community requires continuous:

- Assessment
- Planning
- Collaboration
- Innovation!



Thank you Assessment Tool partners!

AL

- Alexander City
- Selma

WA

- Stevens Co
- Lincoln Co
- White Center, King Co

ME

- Piscataquis
- Franklin Co
- Lincoln Co
- Long Island
- Swan's Island
- Vinalhaven

NCC / NDIA

- Charlotte NC
- San Antonio TX
- Louisville KY
- Kansas City MO

Partners: ConnectME, Washington State CIO's Office, Washington State Extension Services, Next Century Cities, National Digital Inclusion Alliance

Beta Results expected late Fall 2017

Broadband Interagency Working Group

- Broadband Opportunity Council: established March 2015 and co-chaired by DOC and USDA, with 25 member agencies (including IMLS and HUD)
- Focused on Executive Branch actions
- Report Issued in August 2015 with 36 Action Items
- As of January 2016 agencies have completed 15 of the 36 Action Items
 - Elevated broadband as a critical issue across the federal government
 - Transitioned coordination efforts to career-level Broadband Interagency Working Group

See: <https://www.ntia.doc.gov/blog/2017/agencies-making-progress-connect-america>

BIWG Industry Day

Goals

- Gather Association feedback on
 - top Next Gen/5G deployment related issues for broadband permitting projects on Federal property/facilities
 - ideas and recommendations for improvement

Next Steps

- BIWG permitting workgroup actively working review options presented, including streamlining federal permitting processes

New administration update

Executive Orders



- E.O. Establishing Discipline and Accountability in the Environmental Review and Permitting Process for Infrastructure (August 2017)
 - Broadband Infrastructure included
 - Report due from 180 days after establishing cross-agency priority goal on infrastructure permitting modernization.
- E.O. Establishing a Presidential Advisory Council on Infrastructure (July 2017)
 - Creates 15-member advisory council,
 - Public members appointed by the president, with experience or expertise in areas including communications and technology
- E.O. Strengthening Cybersecurity of Federal Networks and Critical Infrastructure (February 2017) –
 - Protecting federal networks using the NIST Cybersecurity Framework
<https://www.nist.gov/cyberframework>
 - Updating antiquated and outdated systems
 - Directing all department and agency heads to work together

BroadbandUSA is available to help with broadband connectivity and digital inclusion efforts

Publications:

- [Federal Funding Guide](#)
- [Public-Private Partnerships Guide](#)
- [Community Broadband Roadmap Toolkit](#)
- [Introduction to Stakeholder Outreach](#)

For General Information:



202-482-2048



<http://www.ntia.doc.gov/broadbandusa>

To Join our Mailing List:



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To Discuss Request Support:



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