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# Overview of Federal Efforts to Promote Broadband Connectivity

## Investing in Rural America – Richmond Federal Reserve

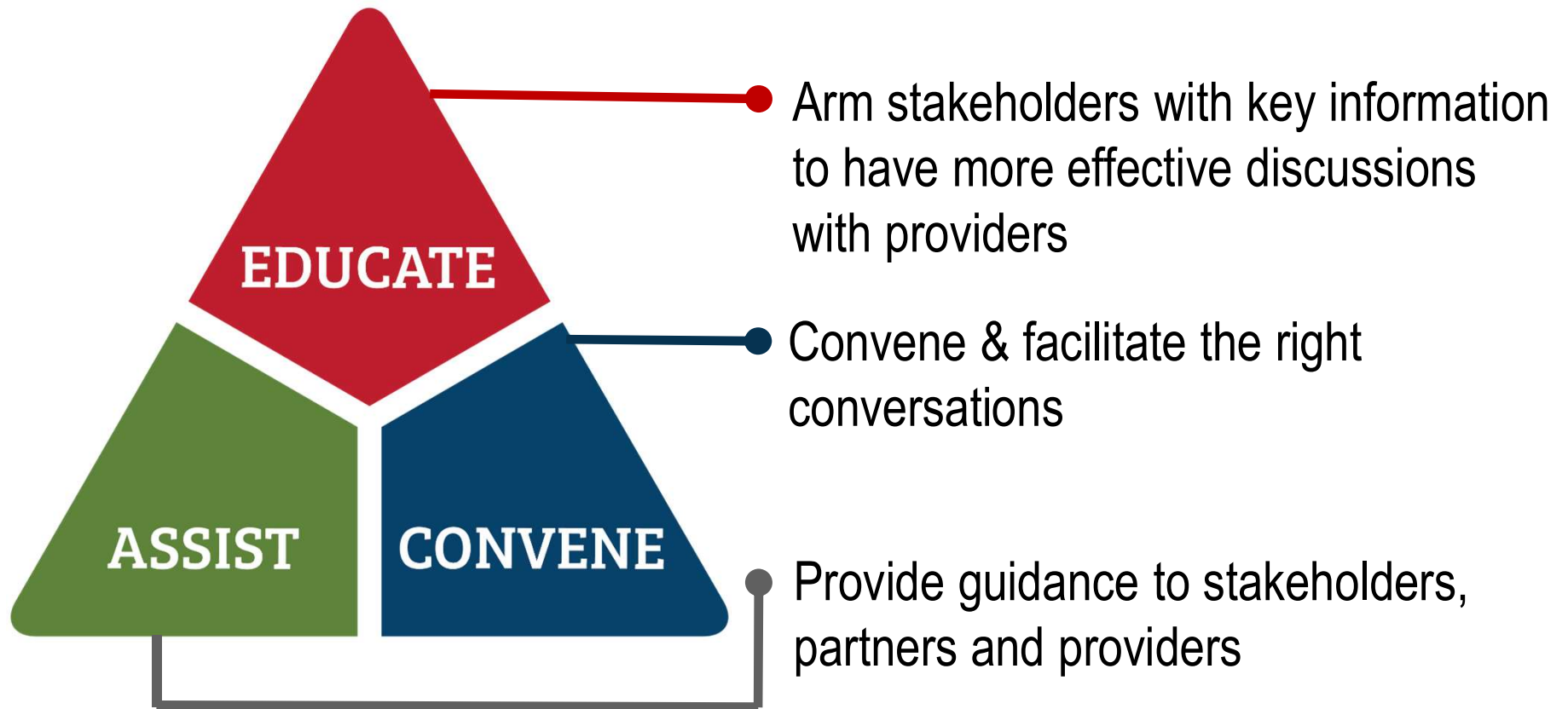
Karen Hanson – [KHanson@ntia.gov](mailto:KHanson@ntia.gov)  
October 2, 2019

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

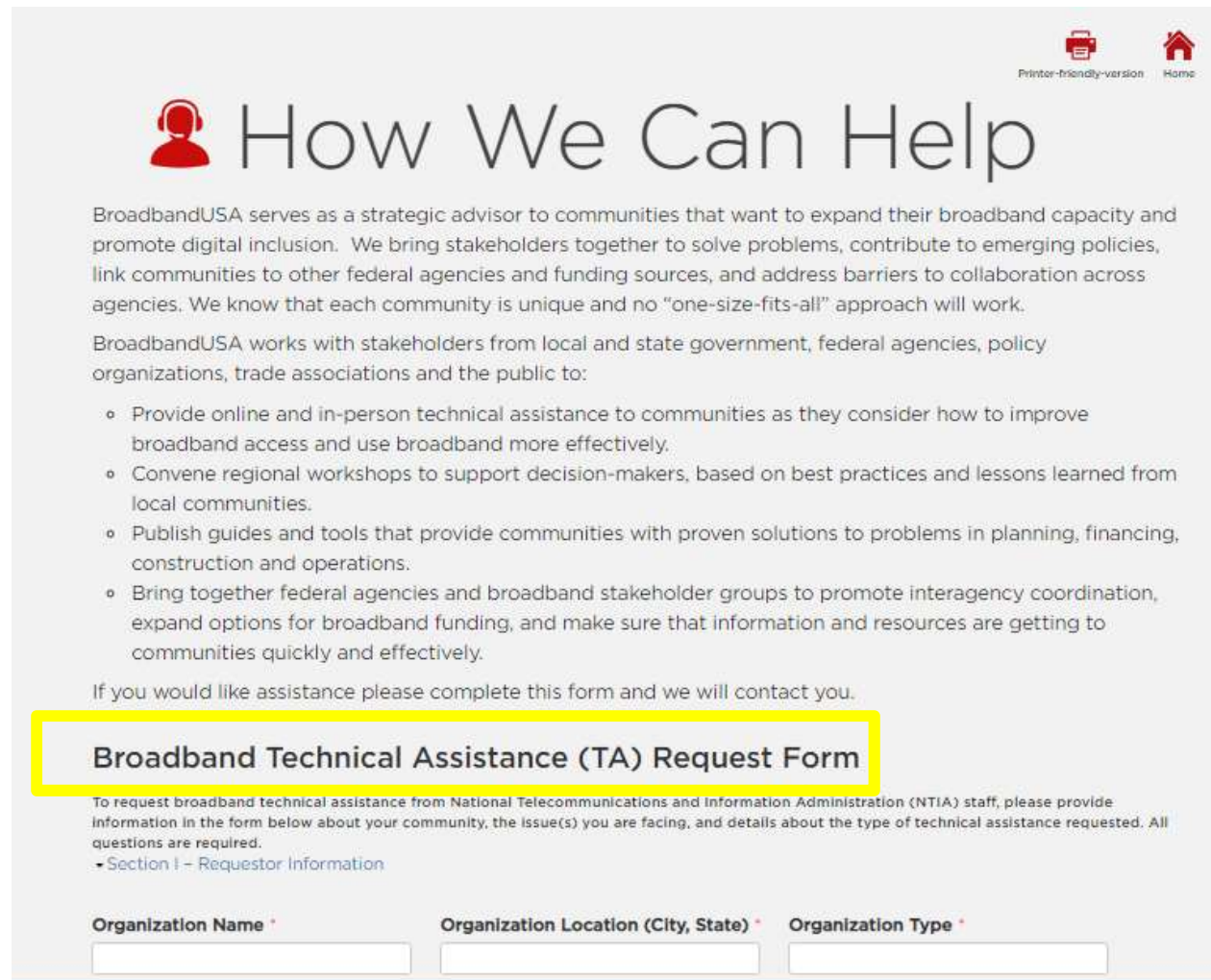
- Expanding broadband access and adoption
- Expanding the use of spectrum by federal and commercial users.
- Ensuring that the Internet remains an engine for continued innovation and economic growth






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



# Technical Assistance to Communities



 **How We Can Help**    
Printer-friendly-version Home

BroadbandUSA serves as a strategic advisor to communities that want to expand their broadband capacity and promote digital inclusion. We bring stakeholders together to solve problems, contribute to emerging policies, link communities to other federal agencies and funding sources, and address barriers to collaboration across agencies. We know that each community is unique and no “one-size-fits-all” approach will work.

BroadbandUSA works with stakeholders from local and state government, federal agencies, policy organizations, trade associations and the public to:

- Provide online and in-person technical assistance to communities as they consider how to improve broadband access and use broadband more effectively.
- Convene regional workshops to support decision-makers, based on best practices and lessons learned from local communities.
- Publish guides and tools that provide communities with proven solutions to problems in planning, financing, construction and operations.
- Bring together federal agencies and broadband stakeholder groups to promote interagency coordination, expand options for broadband funding, and make sure that information and resources are getting to communities quickly and effectively.

If you would like assistance please complete this form and we will contact you.

**Broadband Technical Assistance (TA) Request Form**

To request broadband technical assistance from National Telecommunications and Information Administration (NTIA) staff, please provide information in the form below about your community, the issue(s) you are facing, and details about the type of technical assistance requested. All questions are required.

• Section I – Requestor Information

Organization Name \*      Organization Location (City, State) \*      Organization Type \*

## Toolkits -- Planning a Community Broadband Roadmap

- A Community Broadband Roadmap should include:
  - A vision (and goals) for the broadband initiative
  - Anticipated benefits of program offerings
  - The strategy and action plan necessary to achieve the vision
- The Roadmap can also help identify new opportunities for partnerships and collaborations that can help spur community achievement and growth



<https://broadbandusa.ntia.doc.gov/ntia-resources/publications>

## Monthly Webinars with Topical Information



**Measuring the Economic Impact of Broadband**

  
Robert Gallardo  
Asst. Dir. - Center for Regional Development, Purdue University

  
Alicia Grant  
Research Asst. and Instructor, Dept. of Agricultural Economics, Purdue University

  
Brian Whitacre  
Professor, Oklahoma State University

**Wednesday, September 18, 2019 - 2:00 PM to 3:00 PM**

**BroadbandUSA.NTIA.DOC.gov**



### September 2019 Webinar: Measuring the Economic Impact of Broadband

Webinar  
Sep 18, 2019

[Register here](#) 

The digital economy accounted for 6.9 percent of the U.S. gross domestic product, or \$1.35 trillion, according to a [recent survey](#) by the Department of Commerce. Understanding how to measure and communicate the benefits of broadband is critical to building support for efforts to expand ... [more](#)

[Learn More](#)

All webinar materials, including presentations, transcripts and recordings, are posted within 7 days to: <https://broadbandusa.ntia.doc.gov/past-event>

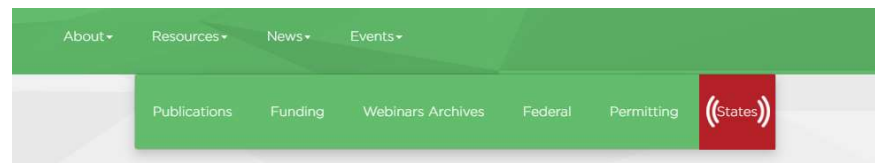


## Regional Workshops and Stakeholder Convenings

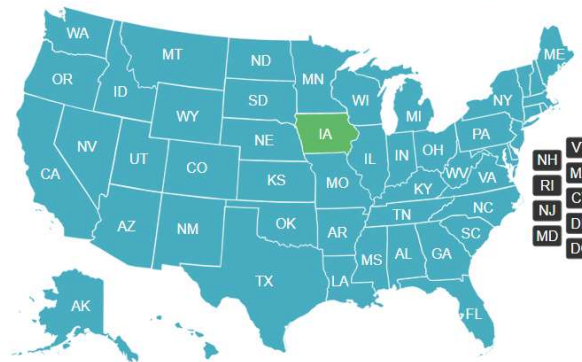


- NTIA presents regional workshops and convenes stakeholders to help build partnerships, share best practices, facilitate peer learning and inform constituents.
- <https://broadbandusa.ntia.doc.gov/event>

# One-Stop for State Broadband Programs



## State Broadband Programs



### IOWA

State broadband website(s): Office of the Chief Information Officer

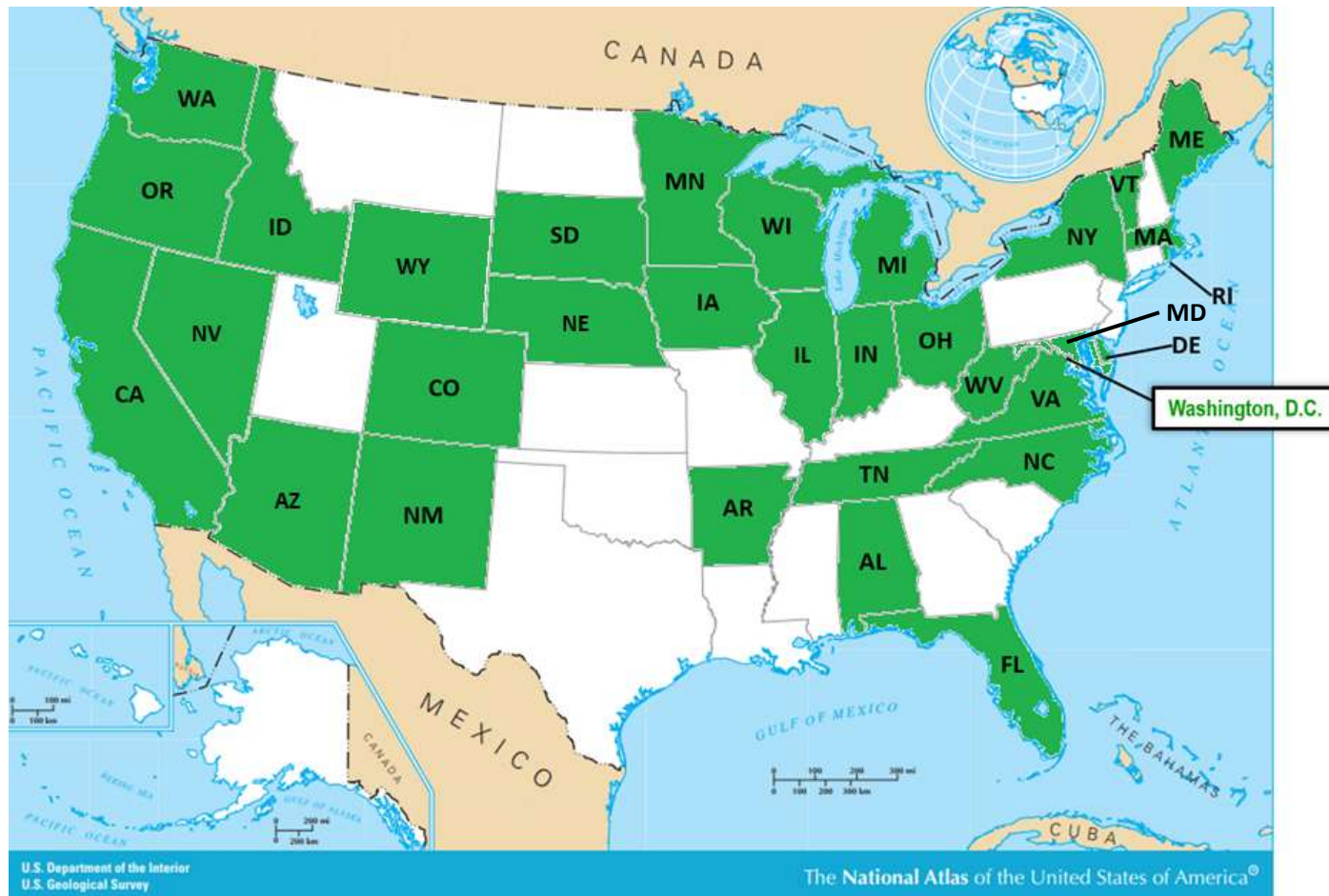
State broadband contact(s):

Matt Behrens | Deputy Chief Information Officer | State of Iowa | matt.behrens@iowa.gov | (515) 725-0890  
[resources/state-broadband-leaders-network-sbln](#)

- NTIA provides information about state-level broadband programs that support broadband planning, deployment, training, equipment and other activities, with relevant points-of-contact.
- <https://broadbandusa.ntia.doc.gov/ntia-resources/state-broadband-leaders-network-sbln>

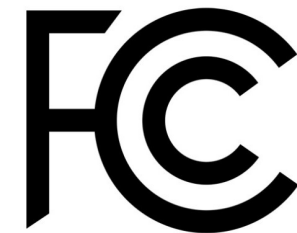


## States with Broadband Funding Programs



## Federal Broadband Data

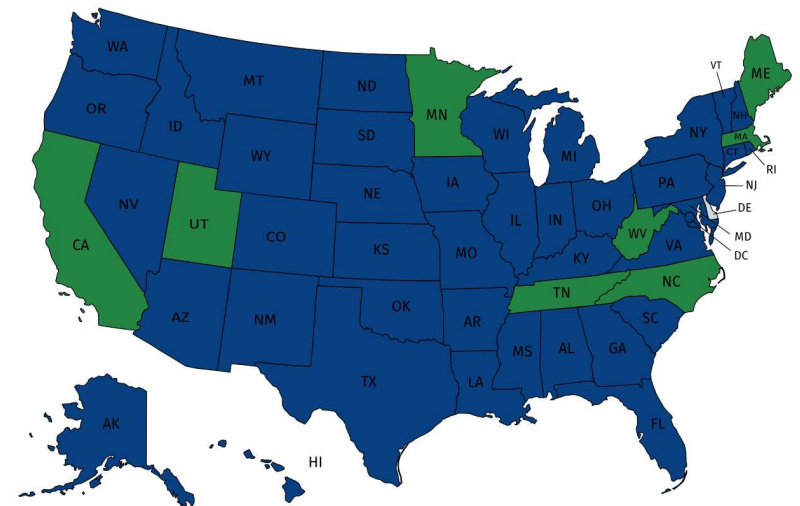
- NTIA Current Population Survey
- Computer and Internet Use Supplement
- US Census American Community Survey (ACS)
- Population, Housing, Demographics
- FCC Form 477
- Broadband Deployment and Subscription



# BroadbandUSA – National Broadband Availability Map

## *A platform for the geospatial analysis of broadband data*

<b>Background</b>	<p>Multi-year program to update the nation’s understanding of broadband availability, accessible by federal and state policymakers.</p>
<b>Data</b>	<p>Incorporating data collected by the FCC, states, and the private sector that informs broadband policymaking and investment decision-making.</p>
<b>Pilot</b>	<p>NTIA has partnered with eight states on a pilot that will launch September 2019. Additional regions and data planned for 2020 and beyond.</p>



## American Broadband Initiative Launched Feb 2019



***“The American Broadband Initiative is the Administration’s signature strategy to stimulate increased private investment in broadband infrastructure and services to fill broadband connectivity gaps in America.”***

[https://www.ntia.doc.gov/files/ntia/publications/american\\_broadband\\_initiative\\_milestones\\_report.pdf](https://www.ntia.doc.gov/files/ntia/publications/american_broadband_initiative_milestones_report.pdf)

## American Broadband Initiative (ABI): Key Principles

- Government processes should be clear, transparent, and responsive to stakeholders.
- Federal assets should provide the greatest possible benefit to stakeholders and the public.
- The Federal Government should be a good steward of taxpayer funds.

# ABI Structure

## Workstreams:

Federal Funding of Broadband



Streamlining Federal Permitting



Leveraging Federal Assets



## Executive Leadership Team:



### EOP:

- OAI
- OSTP
- NEC
- OMB



# Federal Funding Workstream

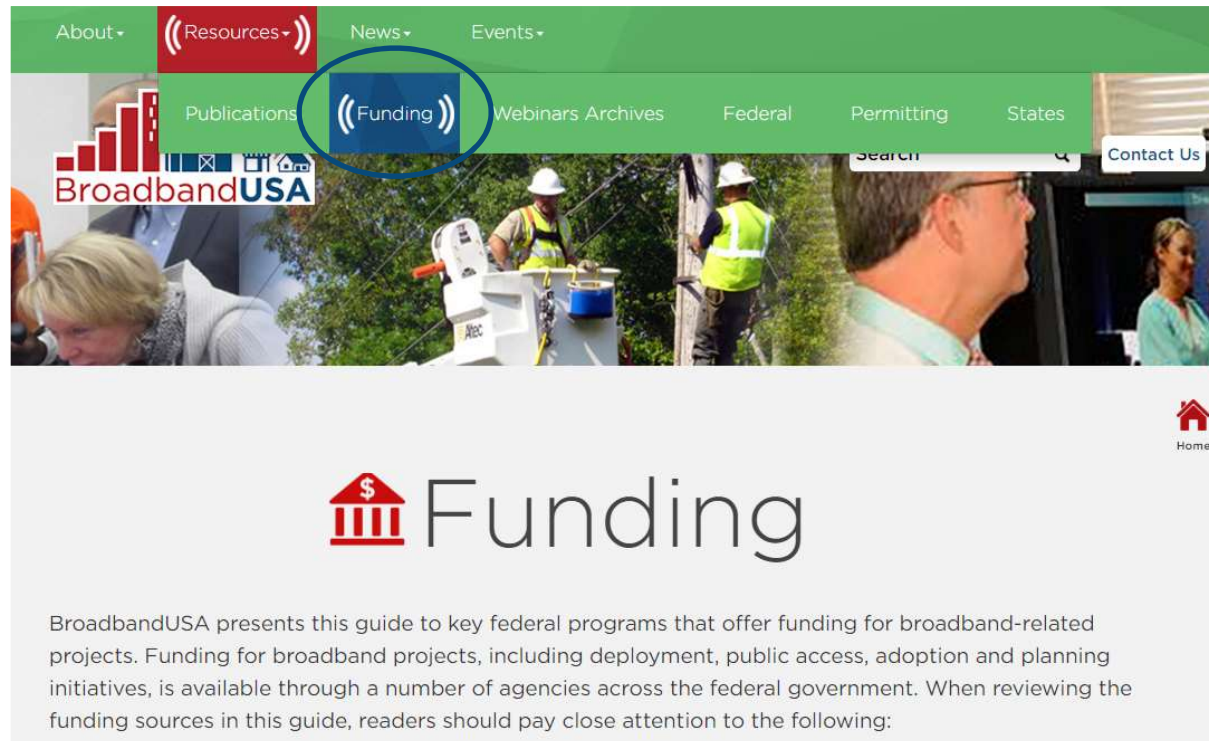
- *Objective: Federal funding for broadband should target areas of need, be simple for broadband project sponsors to identify funding opportunities, and leverage State/local policies and programs to make better and more efficient use of Federal dollars.*

Federal Funding Workstream Members				
<b>Chairs:</b>  <b>Department of Agriculture</b>  <b>Department of Commerce (NTIA)</b>	Appalachian Regional Commission	Federal Communications Commission	Institute of Museum & Library Services	Office of Management and Budget
	Delta Regional Authority	Department of Health & Human Services	Department of the Interior	Department of Treasury
	Department of Education	Department of Homeland Security	Department of Labor	Department of Veterans Affairs
	Environmental Protection Agency	Department of Housing & Urban Development	National Science Foundation	

## Federal Funding Workstream – Key Actions

- Provide One-Stop for Broadband Funding Information
- Improve Broadband Availability Data
- Improve Efficacy and Reach of Federal Broadband Funds
- Strengthen Program Consistency and Collaboration
- Modernize Accountability Measures to better track the impact and value of investments
- Engage Private Sector, State, Local, and Tribal Partners to identify successful models to leverage Federal funding, incentivize private investment, and create stronger public-private partnerships

# One-Stop for Federal Funding Information



- NTIA gathered updated information about federal broadband programs that support broadband planning, deployment, training, equipment and other activities

<https://broadbandusa.ntia.doc.gov/new-fund-search>

## Other Federal resources/guidance to consider

- USDA: <https://www.usda.gov/broadband>
- Economic Development Administration: <https://www.eda.gov/>
- Appalachian Regional Commission: <https://www.arc.gov/index.asp>
- Treasury's OCC guidance:
  - <https://www.occ.gov/publications-and-resources/publications/community-affairs/community-developments-investments/nov-2018/index-cdi-nov-2018.html>
  - <https://www.occ.gov/publications-and-resources/publications/community-affairs/community-developments-fact-sheets/ca-fact-sheet-cra-comm-dev-loans-invest-svcs-jan-2019.html>
- HUD CDBG FAQs:
  - <https://www.hudexchange.info/resource/4891/cdbg-broadband-infrastructure-faqs/>

# Streamline Federal Permitting Workstream

- *Objective: A streamlined Federal permitting process will make it easier for network builders and service providers to access Federal assets and rights-of-way, reducing the regulatory burden and simplifying the deployment of broadband networks.*

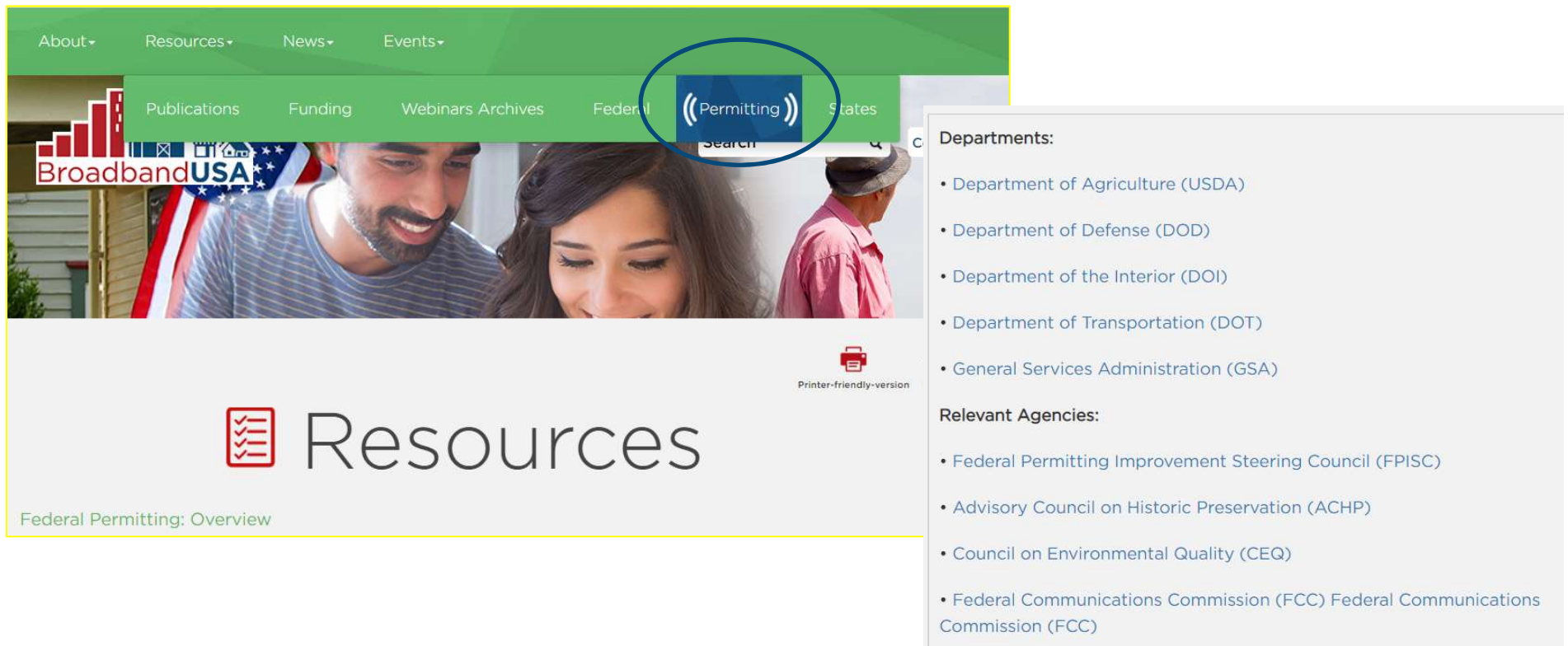
Streamlining Federal Permitting Workstream Members			
CHAIRS:	Department of Agriculture	General Services Administration	Office of Management and Budget
	Department of Commerce (NTIA)	Council on Environmental Quality	Department of Veterans Affairs
Department of Homeland Security	Department of Defense	Advisory Council on Historic Preservation	
Department of the Interior	Department of Transportation	Federal Communications Commission	

## Streamline Federal Permitting – Key Actions

- Develop a Common Application Form
- Create One-Stop for Broadband Permitting Information
- Harmonize and Streamline Regulations and Policies
- Implement Provisions in MOBILE NOW Act



# One-Stop for Federal Permitting Information



Navigation: About, Resources, News, Events, Publications, Funding, Webinars Archives, Federal, ((Permitting)), States

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## Resources

Federal Permitting: Overview

**Departments:**

- Department of Agriculture (USDA)
- Department of Defense (DOD)
- Department of the Interior (DOI)
- Department of Transportation (DOT)
- General Services Administration (GSA)

**Relevant Agencies:**

- Federal Permitting Improvement Steering Council (FPISC)
- Advisory Council on Historic Preservation (ACHP)
- Council on Environmental Quality (CEQ)
- Federal Communications Commission (FCC) Federal Communications Commission (FCC)

- NTIA gathered updated information about permitting processes for major federal land-management agencies.

<https://broadbandusa.ntia.doc.gov/ntia-resources/federal-permitting-overview>

## Leverage Federal Assets Workstream

- *Objective: Federal assets such as tower facilities, buildings, and land should be made available for use in deploying broadband infrastructure as much as possible to lower the cost of broadband buildouts and encourage private-sector companies to expand telecommunications infrastructure, especially in rural America.*

Leverage Federal Assets Workstream Members			
<b>CHAIRS:</b>  <b>Department of the Interior</b>  <b>General Services Administration</b>	Department of Agriculture	Department of Energy	Environmental Protection Agency
	Department of Commerce (NTIA)	Department of Homeland Security	Department of Veterans Affairs
	Department of Defense	Department of Housing and Urban Development	National Aeronautics and Space Administration
	Department of Transportation	Office of Management & Budget	

## Leverage Federal Assets – Key Actions

- Complete an Agency survey of assets managed by DOI, DoD, GSA, USDA, NASA, VA, and DOE to identify additional asset classes that could be leveraged to further support telecommunications networks.
- Develop recommendations for creating a standardized process to make information about Federal assets accessible for public and/or commercial use; and publish final recommendations.
- DOI launched a map of federal lands and communications towers to promote deployment: <https://www.doi.gov/broadband>

# BroadbandUSA is available to help communities with their broadband access and digital inclusion efforts

## For General Information:



202-482-2048



[broadbandusa@ntia.gov](mailto:broadbandusa@ntia.gov)



<https://broadbandusa.ntia.doc.gov/resources>

## To Request Technical Assistance (TA):



Broadband TA Request Form -

<https://broadbandusa.ntia.doc.gov/ntia-common-content/how-we-can-help>

### **BBUSA Resources**

- [Implementing a Broadband Network Vision: A Toolkit for Local and Tribal Governments](#)
- [Community Broadband Roadmap Toolkit](#)
- [Guide to Federal Funding of Broadband Projects](#)
- [Using Partnerships to Power Smart Cities](#)