



**Broadband
Program Office**



New NY Broadband Program

David Salway, Executive Director, NYS Broadband Program

NYS Broadband Program Office

- Chief Broadband Advisor to Governor Cuomo - Recommends Broadband Programs and Policies
- Single Point of Contact for NYS Broadband
- Supports Broadband Initiatives for 10 REDCS
- Administers Broadband Grant Programs
- Partners with Local, State and Federal Agencies
- Conducts Outreach – Public, Provider, and Other Stakeholder



Our Partners – Essential to New York’s Success

- **Federal Government – FCC / USDA / RUS/ NTIA**
 - Partner to Explore Opportunities for Funding
 - E-Rate Collaboration
- **State Government**
 - Public Services Commission – Streamline Regulations
 - Department of Transportation/Thruway Authority – Dig Once Policies
- **Provider Community**
 - Public Interest Groups – NYSTA, NYSWA, WISPA
 - Public/Private Partnerships to Expand Networks
- **Educations/Libraries**
 - State Education Department (100 Mbps Speed Threshold)
 - School Districts / BOCES
 - Education Superhighway
- **NYS Legislature / Local Community Government**
 - Explore opportunities in Districts/ Municipalities



NYS Broadband Landscape

- **6 Mbps/1.5 Mbps** (New York definition of “broadband”): 1 million residents and 4,000 businesses lack access
- **25 Mbps/10 Mbps**: 5.4 million residents and 55,000 businesses cannot lack access to broadband at these speeds
- **100 Mbps/10 Mbps**: 7 million residents and 113,000 businesses cannot get access to broadband at these speeds.
 - 70 percent of upstate New Yorkers cannot access broadband at 100Mbps, including thirty-two counties with no access at all to broadband at that speed





New NY Broadband Program

- \$1 billion program - \$500 million in state funds
- Connect every New Yorker by 2019
- Provide fast networks – 100 Mbps to most
- Streamline policy
- Increase broadband adoption rates



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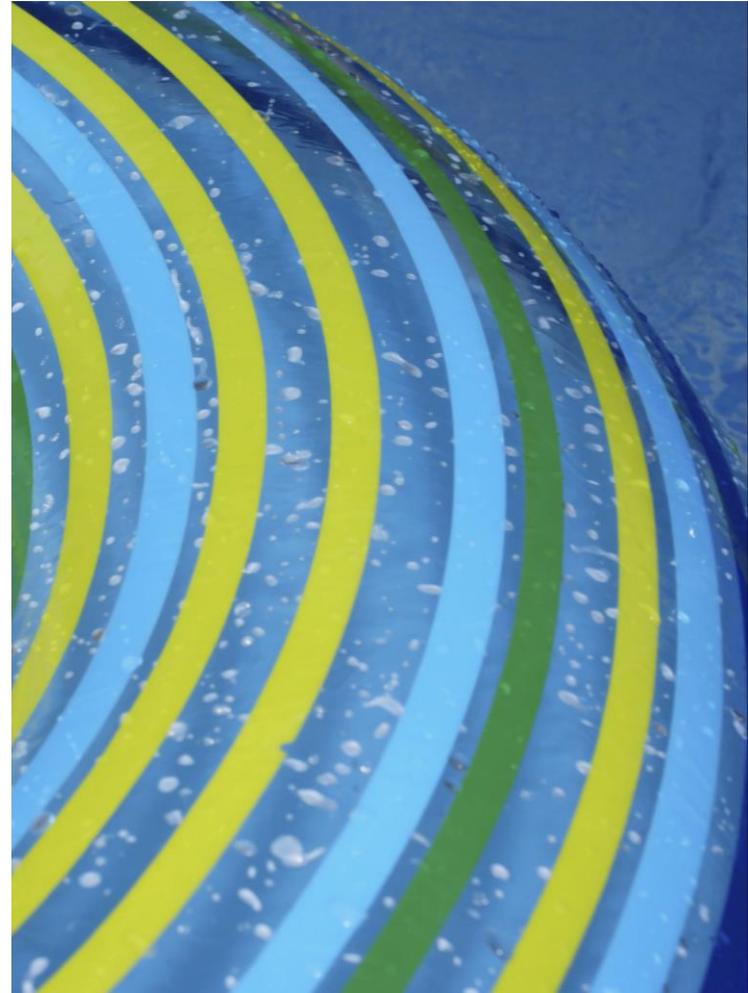
Components of the New NY Broadband Program

Funding

- Public/private sector partnerships and a required private sector match of at least 1:1
- The ability of the State to recoup some of its investment through return on loans and investments made

Speeds

- Unprecedented broadband speeds up to 100 Mbps in most places.
- 25 Mbps to New York's most remote communities
- FCC raised speed thresholds to define broadband to 25 Mbps



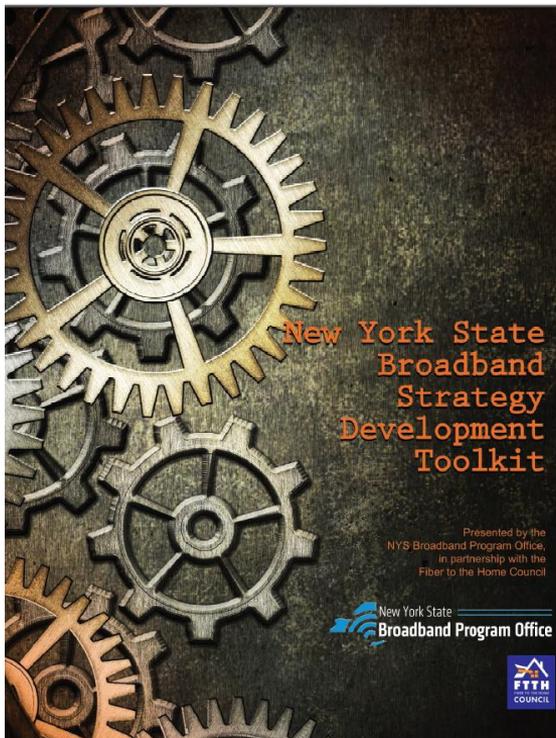
Deployment

- Broadband Mapping
 - Enhanced NYS Broadband Mapping Program
 - Inventory Asset Project
 - Fiber, conduits, poles, land
- Leveraging of state-owned fiber and other assets
 - Fiber, Conduits, Land
- Regional, ground-up deployment planning with the help of the Regional Economic Development Councils

Policy

- Streamlining State policy and regulations to speed up and reduce costs of deployment
 - Make Ready, Rights of Way, Pole Issues
- Development of a web-based State Broadband Deployment Resolution Center
 - Resolve deployment-related bureaucratic, administrative, and regulatory issues
 - Broadband documentation repository

Broadband Community Planning Toolkit



Overview on how to help deploy broadband in your community

- Develop goals for building a broadband network
- Identify stakeholders/community champions
- Develop asset lists and collect data
- Identify potential partners
- Fund broadband projects

Broadband Adoption

- I Link NY
 - Designed to increase sustainable broadband adoption by..
 - Providing low-cost broadband service
 - Providing low-cost/no cost devices
 - Providing digital literacy training



\$2 Billion Smart Schools Initiative



- Enable students' access to state-of-the-art classrooms
- Ensures schools are equipped with robust broadband infrastructure
- Enable communities access to high-speed Internet

“The students get the skills they need to succeed within the 21st century economy, they have access to advanced courses, parents and teachers can communicate and teachers can access the assistance and training that they need.”

– Governor Andrew M. Cuomo

Education Extends Outside Of The School Building

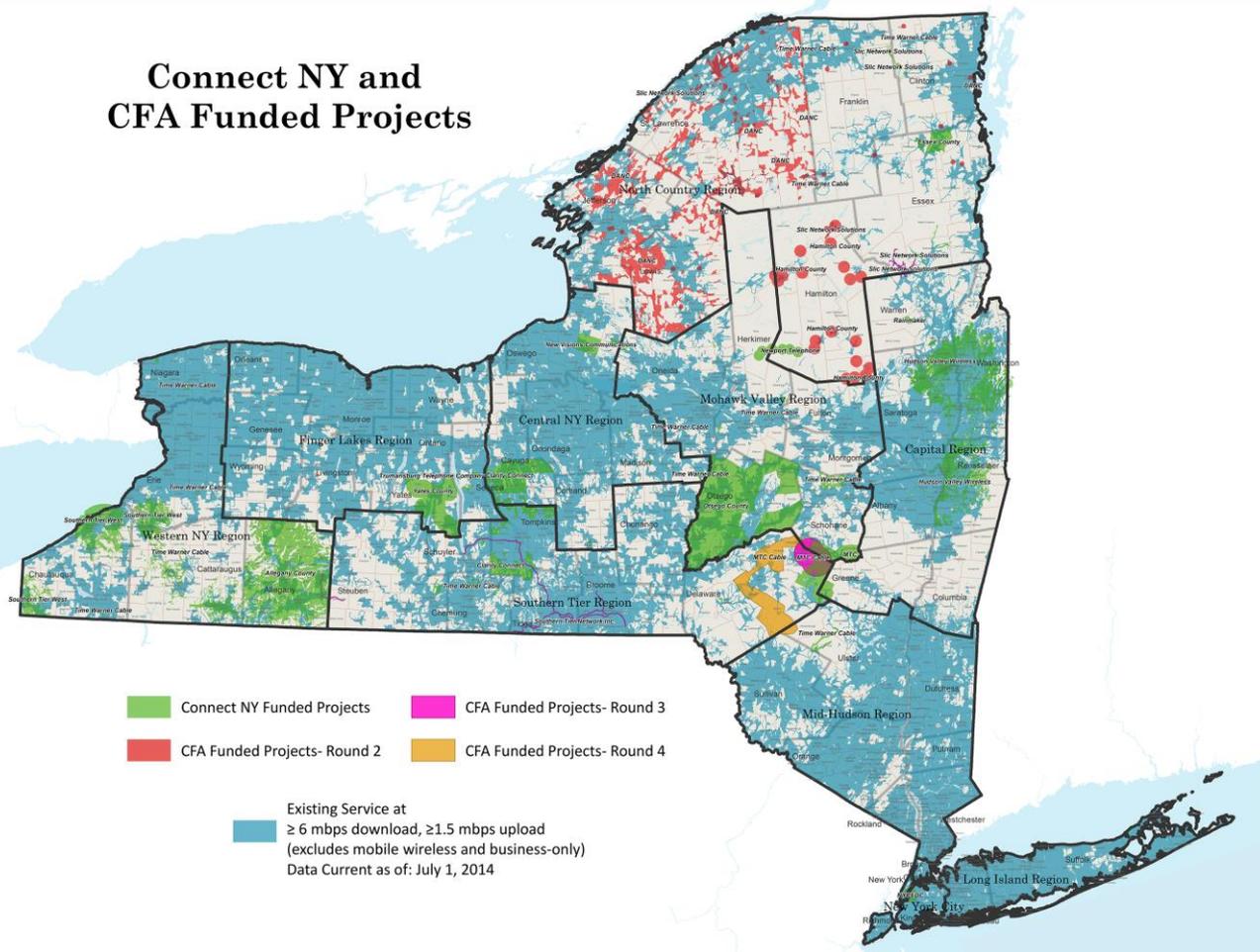
- Broadband Access At Home
- Mobile Access On School Buses
- Access To Text Books, Parent Portals, Global Content And Information, And Experts

“In order to effectively integrate technology into the classroom, there needs to be sufficient access to the Internet in both schools and communities.”

– Governor Andrew M. Cuomo



Connect NY and CFA Funded Projects



\$70 Million in Broadband Investments

- Provide High-Speed Internet Service to:
 - 160,000+ Households
 - 8,000 Businesses
 - 500+ Community Anchor Institutions



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