



## **New Mexico School Boards Association**

### **February 24, 2017**

*PSEA Presenters:*

Eric Moores, Broadband Project Manager  
Ovidiu Viorica, Broadband Program Manager

Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.



# Presentation objectives

- Inform on the progress of schools broadband upgrades
- Connect school broadband upgrades to broadband statewide
- Encourage partnerships and coordination:
  - Schools & Libraries (~**80% E-rate**)
  - Telehealth (~65% HealthcareConnect if eligible)
  - Economic development
  - Higher Ed: Education & Research
  - Municipalities
  - Government

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# Introductions

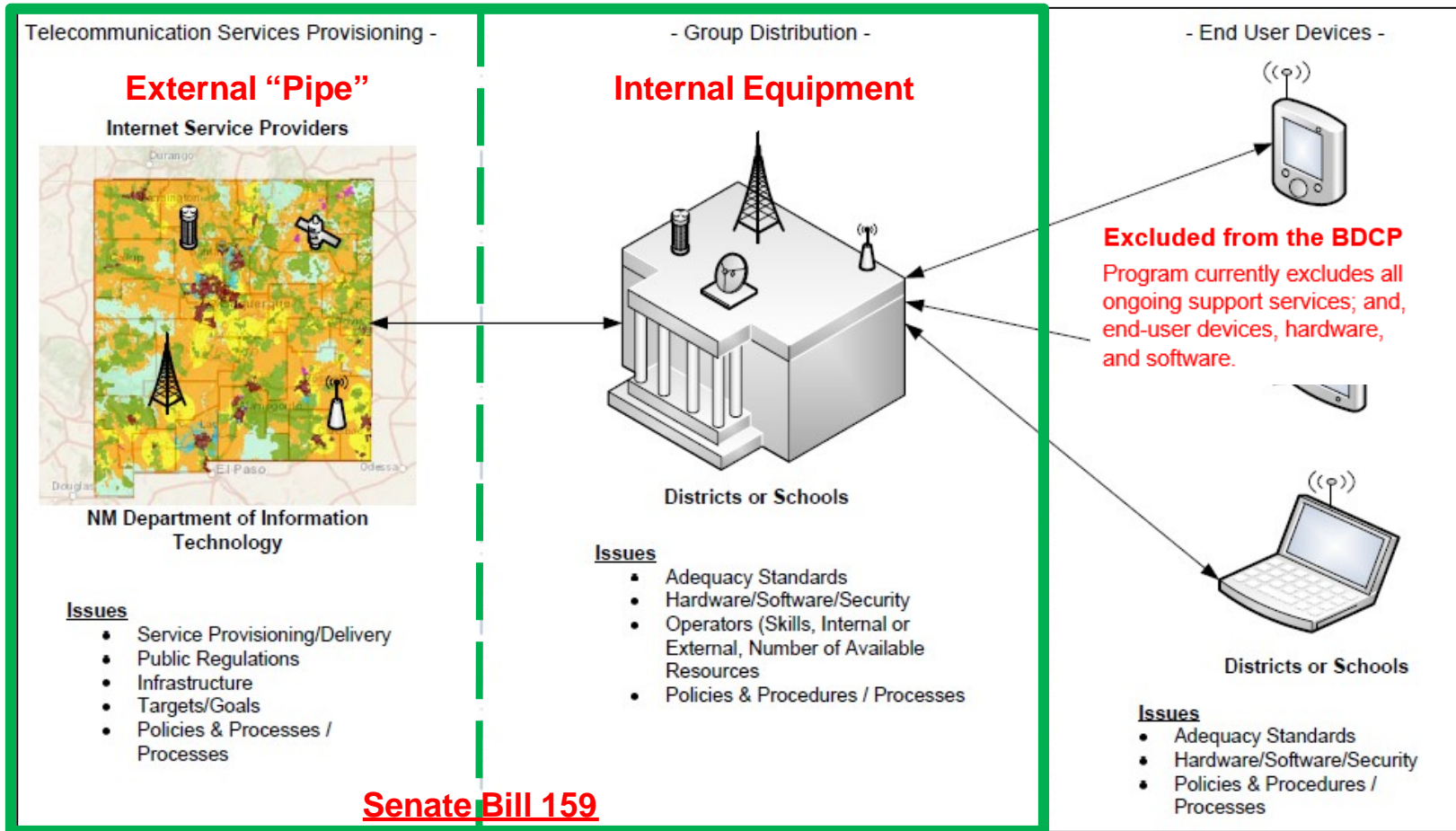
- PSFA – Project management
- Broadband Deficiencies Correction Program (SB 159)
  - Provides funding for K12 E-rate match (infrastructure)
- BDCP Team
- BDCP Partners:
  - Governor's office, PED, DoIT, ESH
  - TeleHealth Alliance
  - HigherEd
  - Tribal
  - Others

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# High-Level View

As displayed below, broadband originates from Internet Service Providers (ISP), is distributed to districts/schools and then reaches students via end-user devices. The green area is covered by the BDCP.



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# State matching can reduce costs even further



FIBER

If the state funds up to 10% of the cost for a school's fiber build, then the FCC will match.

Cost to connect a school in district ABC to fiber:	<b>\$100,000</b>
- E-rate discount for ABC (80%):	- \$80,000
- New Mexico funds 10% of the build:	- \$10,000
- FCC matches New Mexico's 10%:	- \$10,000
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<b>Remaining costs to district ABC:</b>	<b>\$0</b>

# 2016 - Results

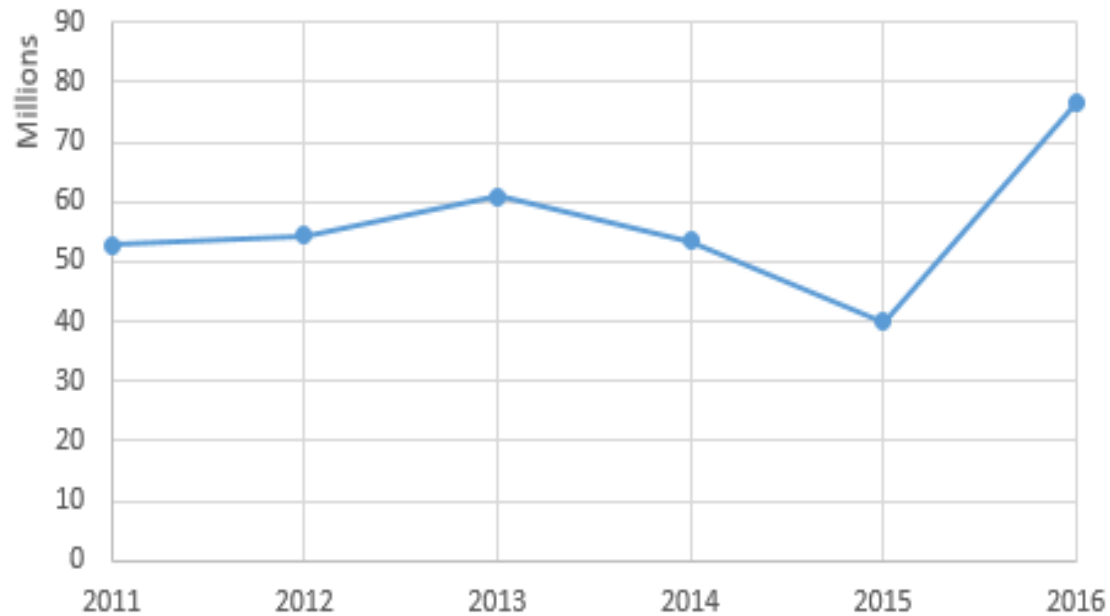
1. Fiber upgrades ~ 60 schools (Approximately 300 Miles)
  - Major fiber projects
2. Network equipment and WiFi upgrades ~ 260 schools
3. 30 Infrastructure projects approved by E-rate & PSCOC
4. ~\$30M in infrastructure upgrades with less than \$4M in state (PSCOC) and schools funding



# 2016 - Results

## E-Rate Funding Requests (\$)

91% '15/'16 increase



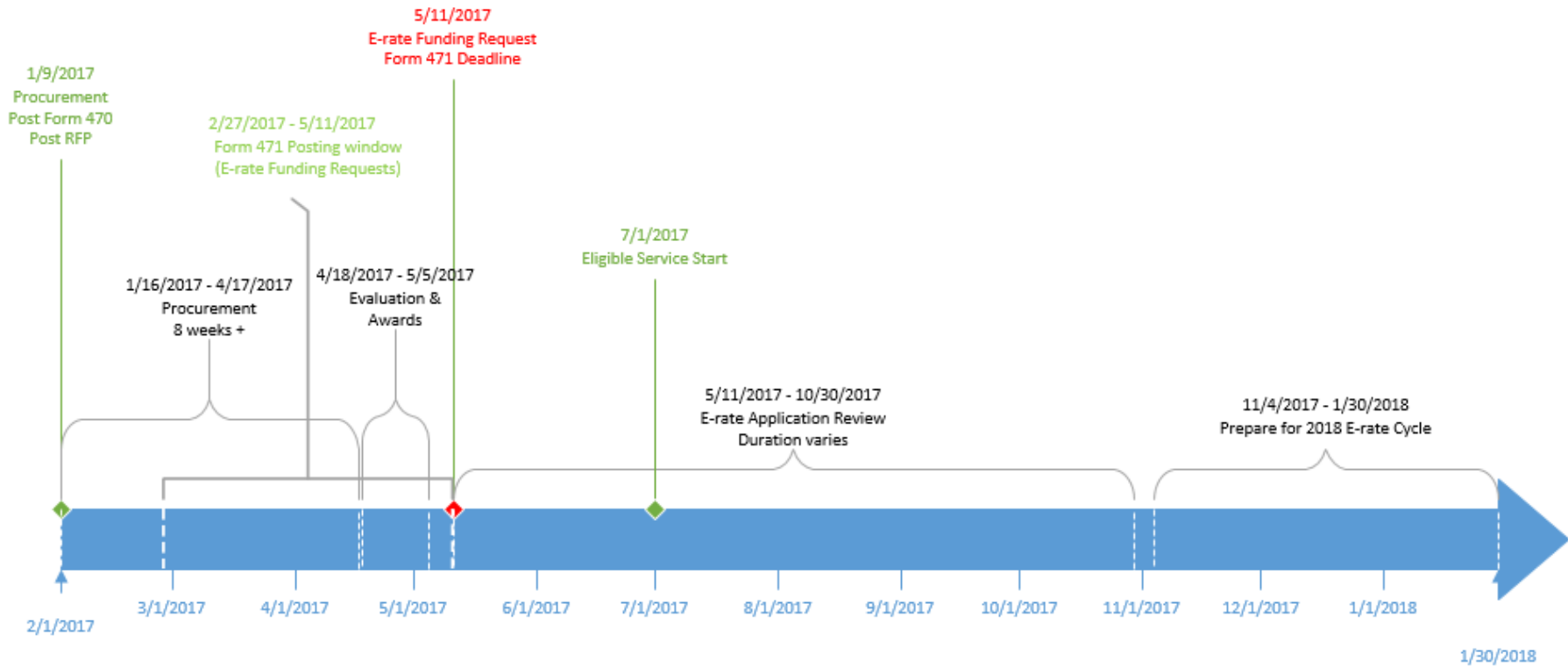
# 2017 & 2018

1. State funding availability:
  - \$15M state matching funds
2. Wide Area Network (WAN) connections:
  - RFPs posted: Los Lunas, Gallup, APS, Santa Fe, TorC, Pecos, Las Vegas, Loving, Silver City.....
3. Network equipment and WiFi upgrades:
  - Coordinating projects for 2017
4. Pilot projects for other funding sources (USDA, grants)





# 2017 E-rate timeline



1/30/2018



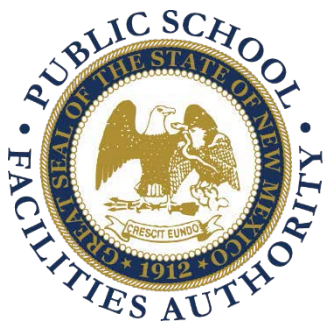
# Questions?



# Conclusions

- Importance of broadband
- Include broadband/IT in the planning process
- Maximize available funding
- Coordination and support (**E-rate...**)
- Investment in broadband infrastructure





# BDCP

BROADBAND DEFICIENCIES  
CORRECTION PROGRAM

## Questions or Comments?

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### Public School Facilities Authority (PSFA)

PSFA team: Ruth Bingham, Eric Moores, Richard Govea

Ovidiu Viorica – Broadband Program Manager

visit: <http://wwwmpsfa.org/it/bdcp.htm>

or phone: 505-843-6272

