

# **FIBER OPTICS OPPORTUNITIES INITIATIVE PROPOSED NEXT STEPS**

**Office of Public-Private Partnerships**



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# Objective for Fiber Optics Opportunities Initiative

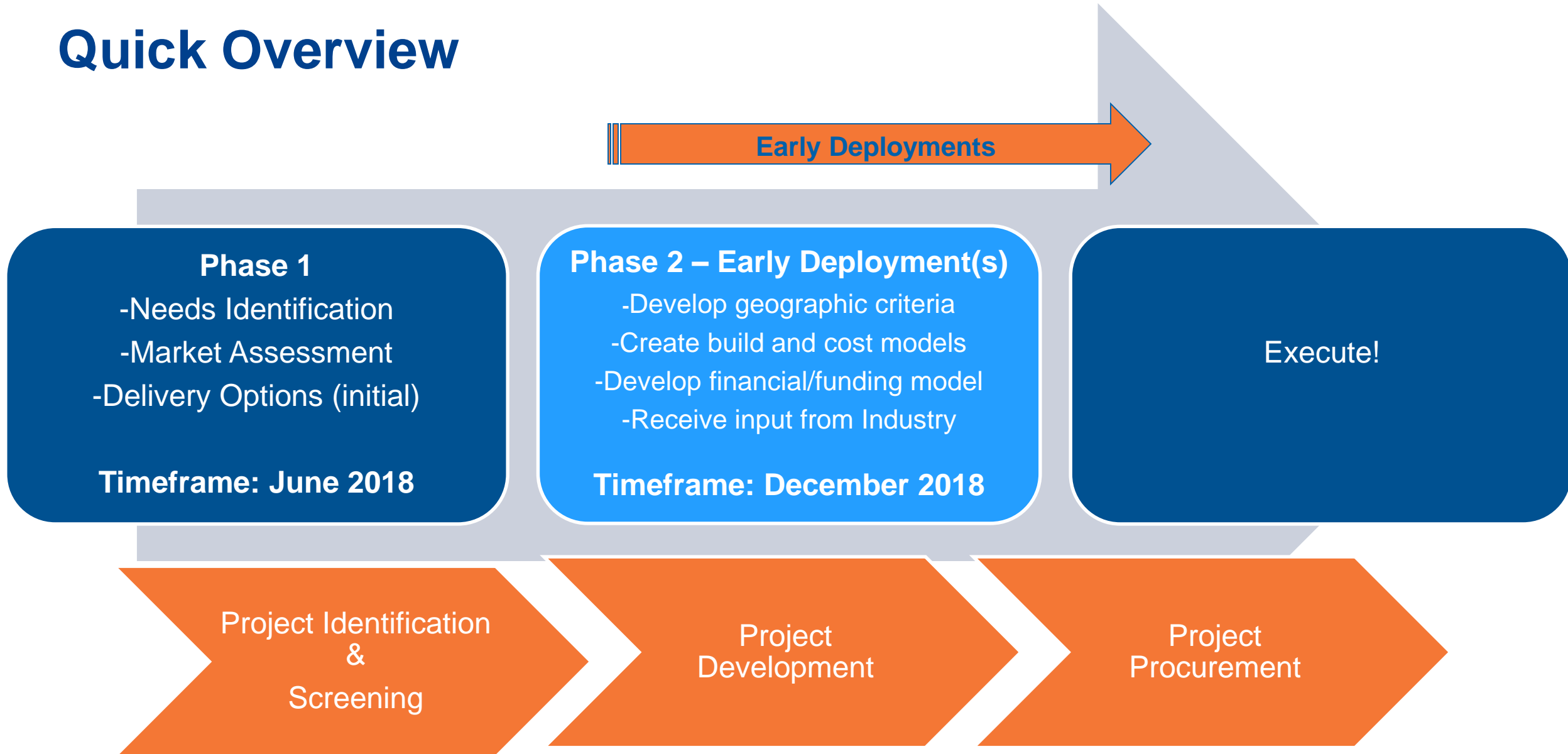
- Maximize opportunities that benefit and/or prepare Virginia's transportation infrastructure, operations, Commonwealth economic development and business functions by leveraging fiber (current and future expanded) capability.

# What we know

- Many broadband initiatives in flight with a common theme
- Existing fiber maps aren't 100% accurate due to NDAs, etc.
- VDOT has developed a significant fiber network using its RSA program
- Early deployments leveraging inexpensive technology is an option for incremental change toward overall Transportation Objectives
- In rural areas revenue is not sufficient to pay for expenses to deploy broadband, but there is “opportunity”



# Quick Overview



# Proposed Activities for High Level Phase 2

- Organize and analyze available and relevant data
  - Existing fiber
  - Underserved / unserved geographic areas
  - Assets that can be leveraged
- Develop criteria to select candidate geographic areas for early deployment
- Develop cost/build models for candidate geographic areas
- Develop finance/funding models for candidate geographic areas
- Explore available public funding, resources and assets that can be leveraged to fill the gap between cost and revenue
- Engage industry
- Manage related VDOT moving parts to remove roadblocks and execute