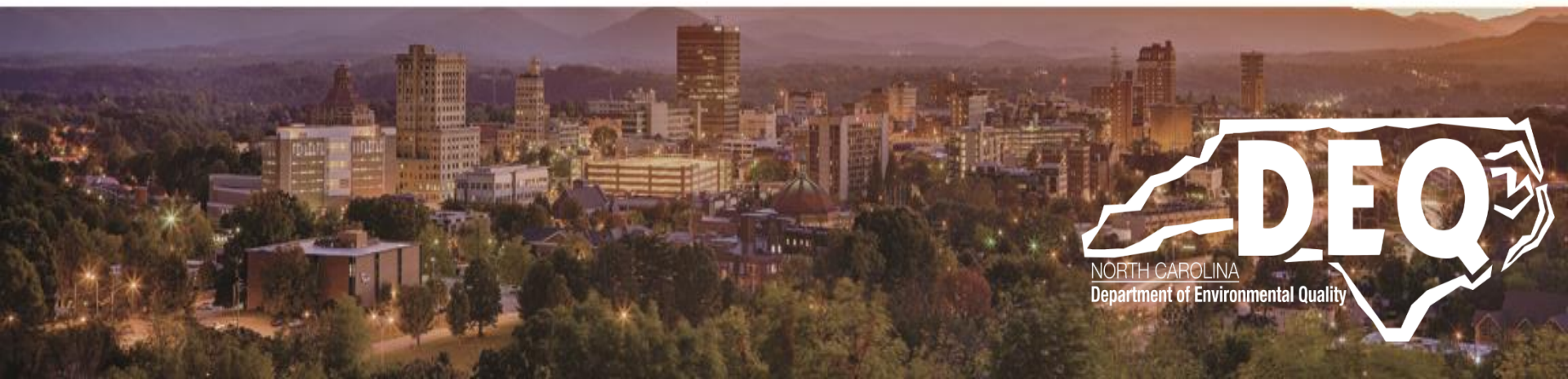




September 24, 2018

Presentation to the Southwestern Commission

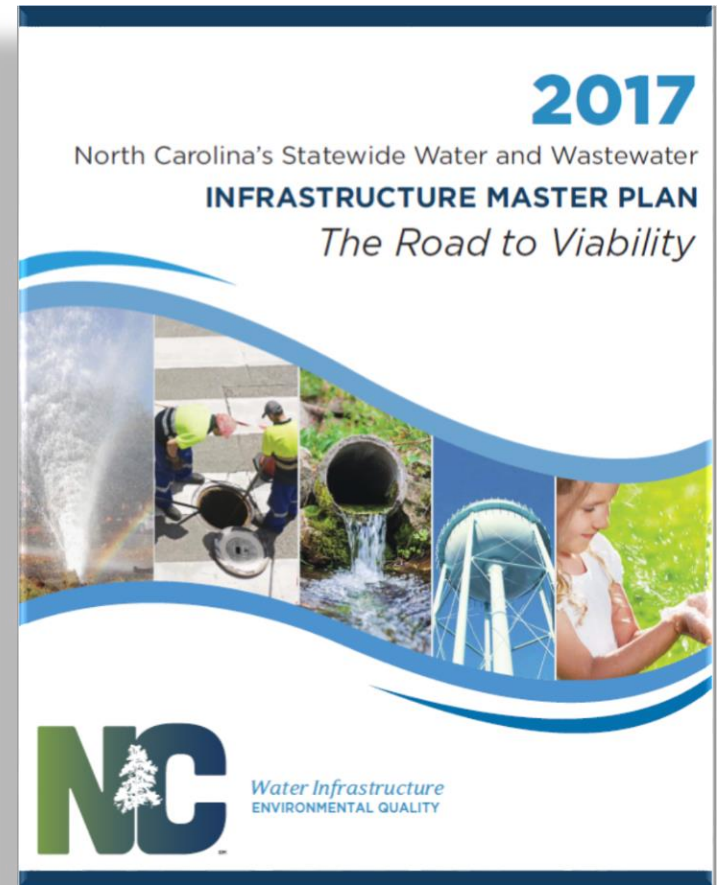
*Department of Environmental Quality
Division of Water Infrastructure*



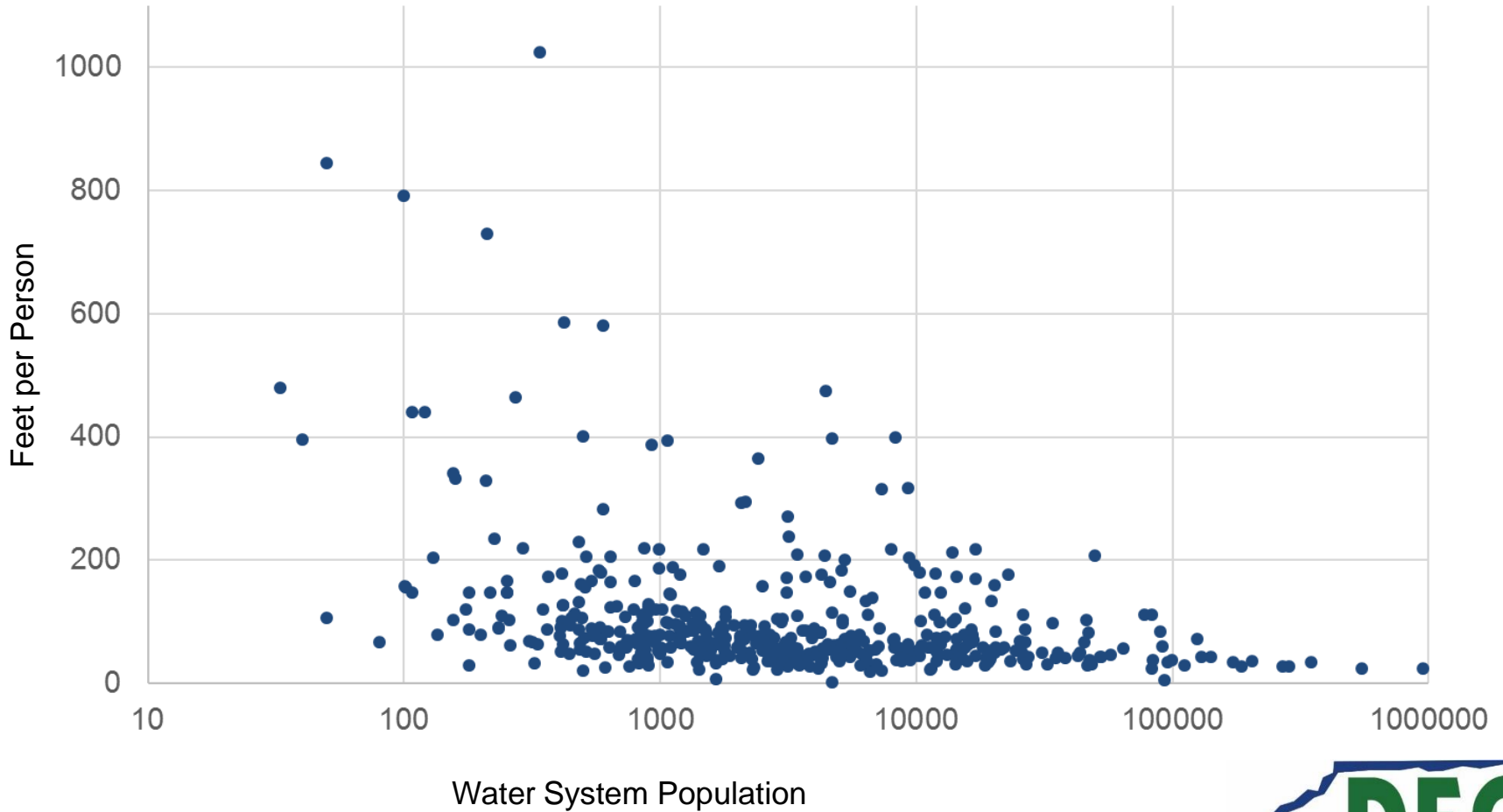
State Water Infrastructure Authority: Master Plan Vision

The state will best be able to meet its water infrastructure needs by ensuring individual utilities are, or are on a path to be, viable systems

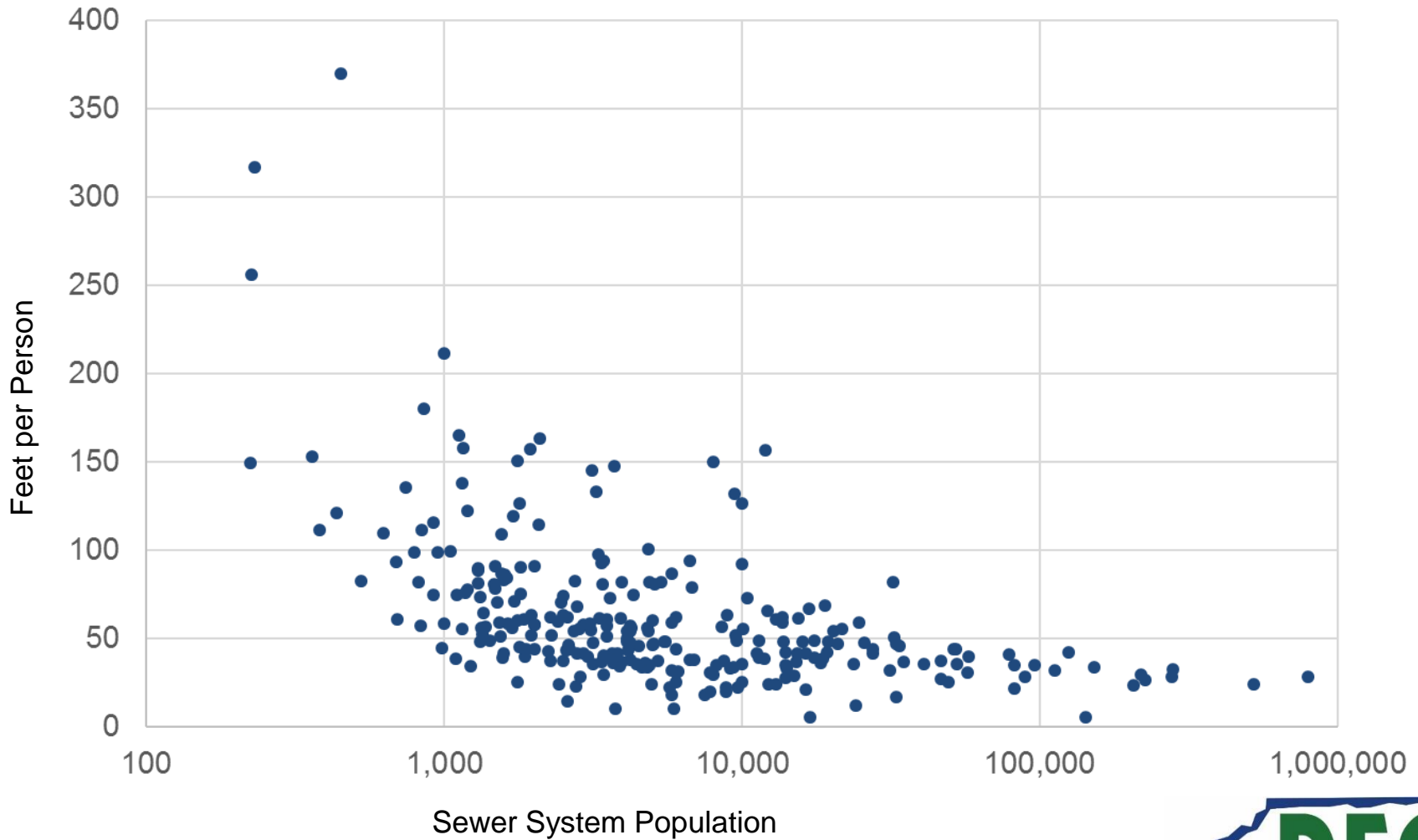
A viable system is one that functions as a long-term, self-sufficient business enterprise, establishes organizational excellence, and provides appropriate levels of infrastructure maintenance, operation, and reinvestment that allow the utility to provide reliable water services now and in the future



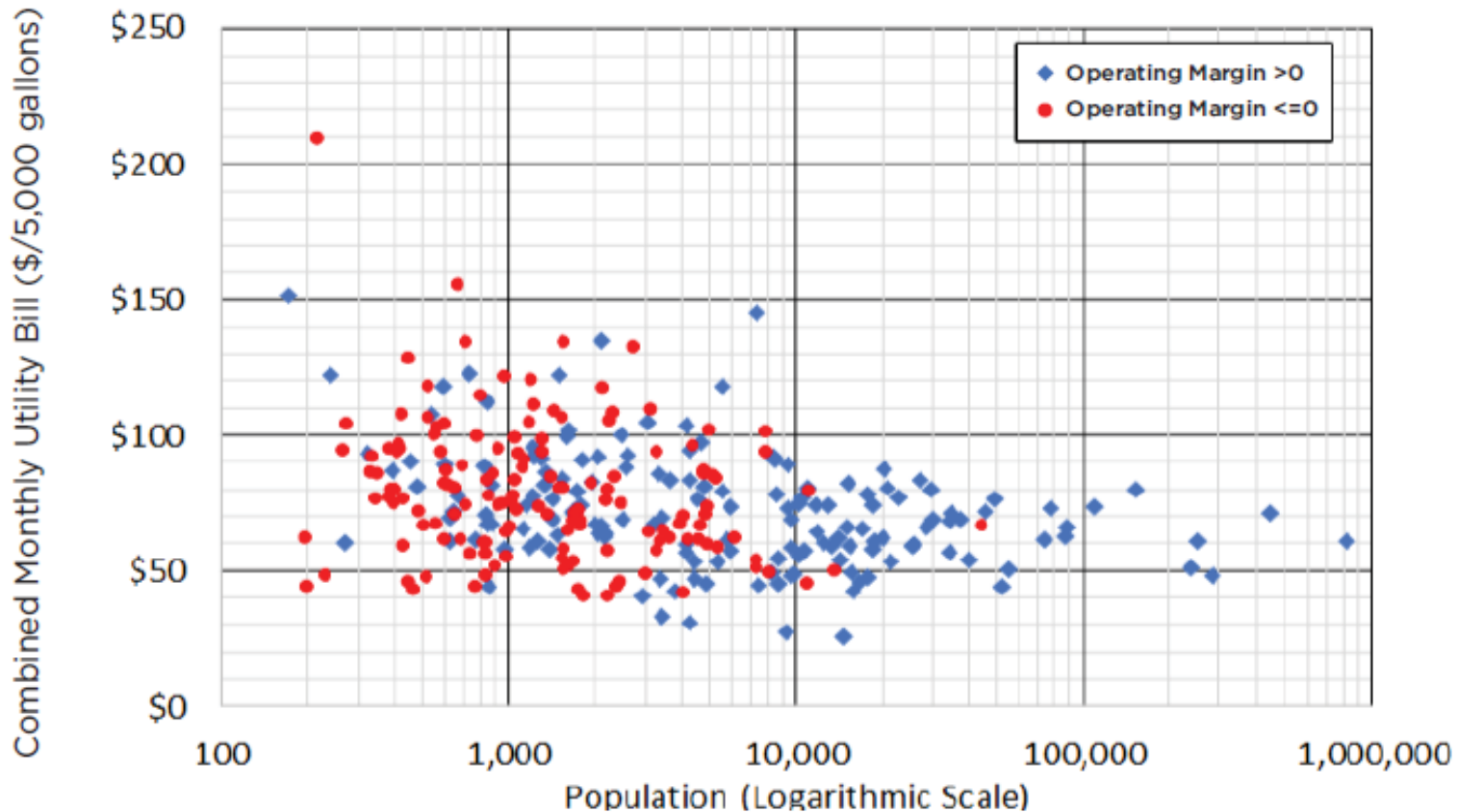
Water System Customer “Density” in NC



Sewer System Customer “Density” in NC



NC Water & Sewer Utility Operating Margins



Operating Margin = Total Operating Revenue—Operating Expenses



Best Practices in Utility Management



Infrastructure management

- Proactive approaches
- Risk and life-cycle costs



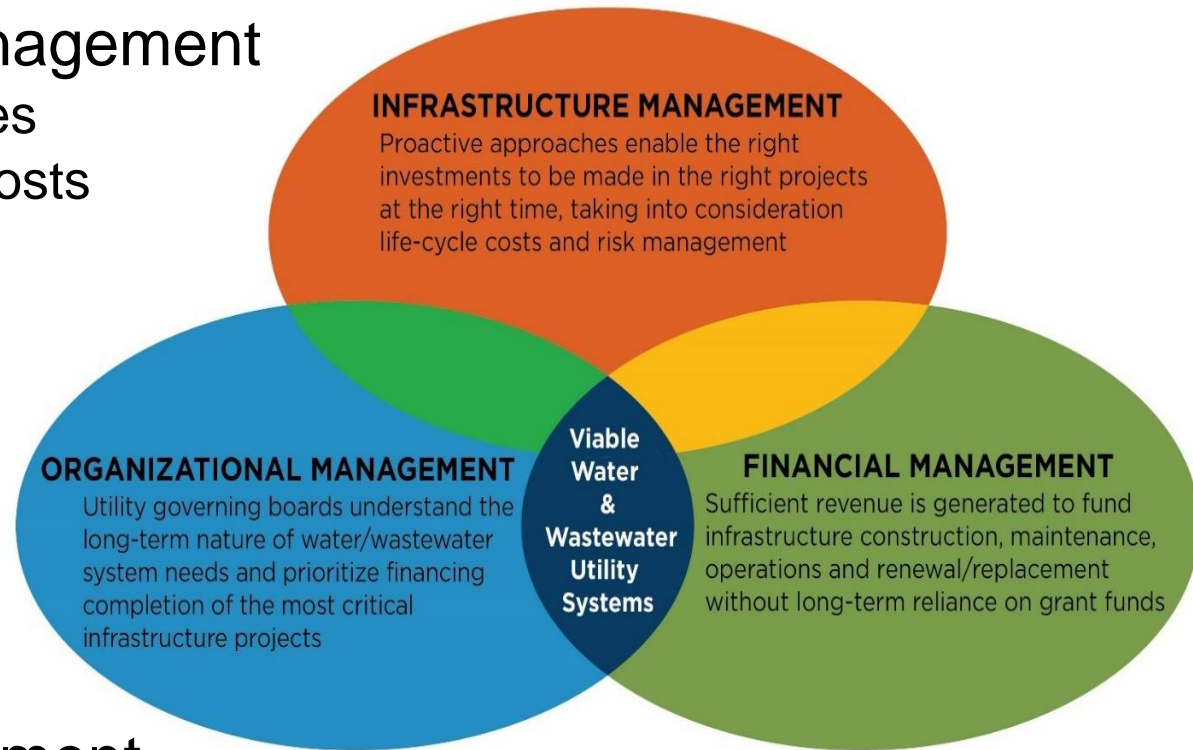
Organizational management

- Long-term nature of system needs
- Prioritize the most critical projects



Financial management

- Cover O&M, renewal/replacement and reserves



A Joint Effort to Achieve the Vision of Viability



Partnerships

- To help leverage existing resources and programs



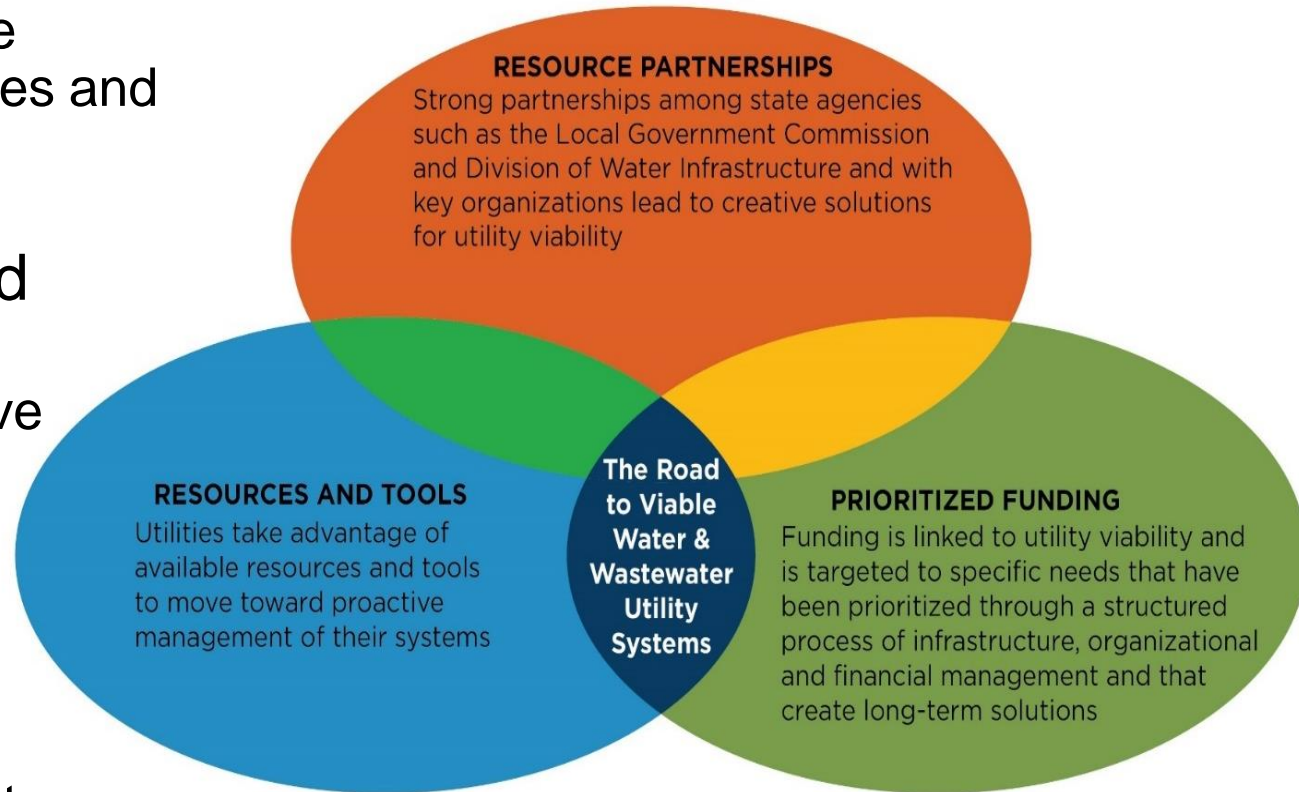
Resources and Tools

- Support proactive management



Prioritized Funding

- Authority links funding to long-term utility viability



AVAILABLE RESOURCES

MANY MORE RESOURCES CAN BE FOUND IN APPENDIX B (RESOURCE TOOLBOX) OF NORTH CAROLINA'S STATEWIDE WATER AND WASTEWATER MASTER PLAN



NC Councils of Government (COGs) / Association of Regional Councils

16 regional COGs provide services such as administrative and financial services, interim executive management, financial administration, and economic development. COGs often partner with small local government units to provide financial and administrative support.



NC Rural Water Association (NCRWA)

A lead provider of water and wastewater training and on-site managerial, financial, and technical assistance in the state.



Southeast Rural Community Assistance Partnership Project (SERCAP)

Regional office of the Rural Community Assistance Partnership. Works in small, rural communities. Assists NC's small rural communities with training, technical assistance, and funding.



University of North Carolina School of Government (SOG)/Environmental Finance Center (UNC-EFC)

The SOG provides NC's local and state government officials with nonpartisan legal, public administration, management, and financial expertise. The UNC-EFC builds capacity of local government units to provide environmental programs and services in fair, effective, and financially sustainable ways.



NC Division of Water Infrastructure
<http://portal.ncdenr.org/web/wi/home>

State Water Infrastructure Authority
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