

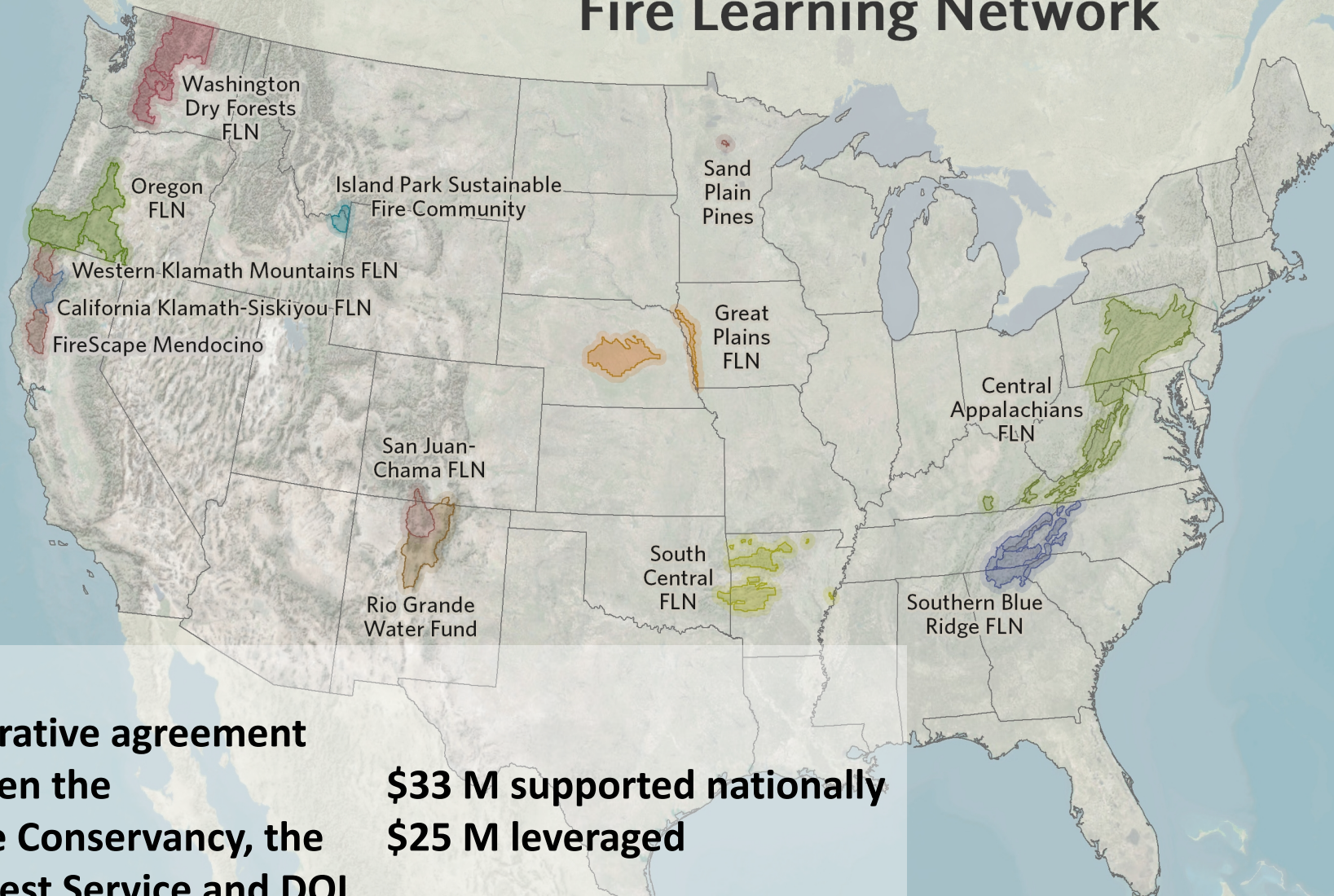
Creating Resilient Collective



A National Partnership



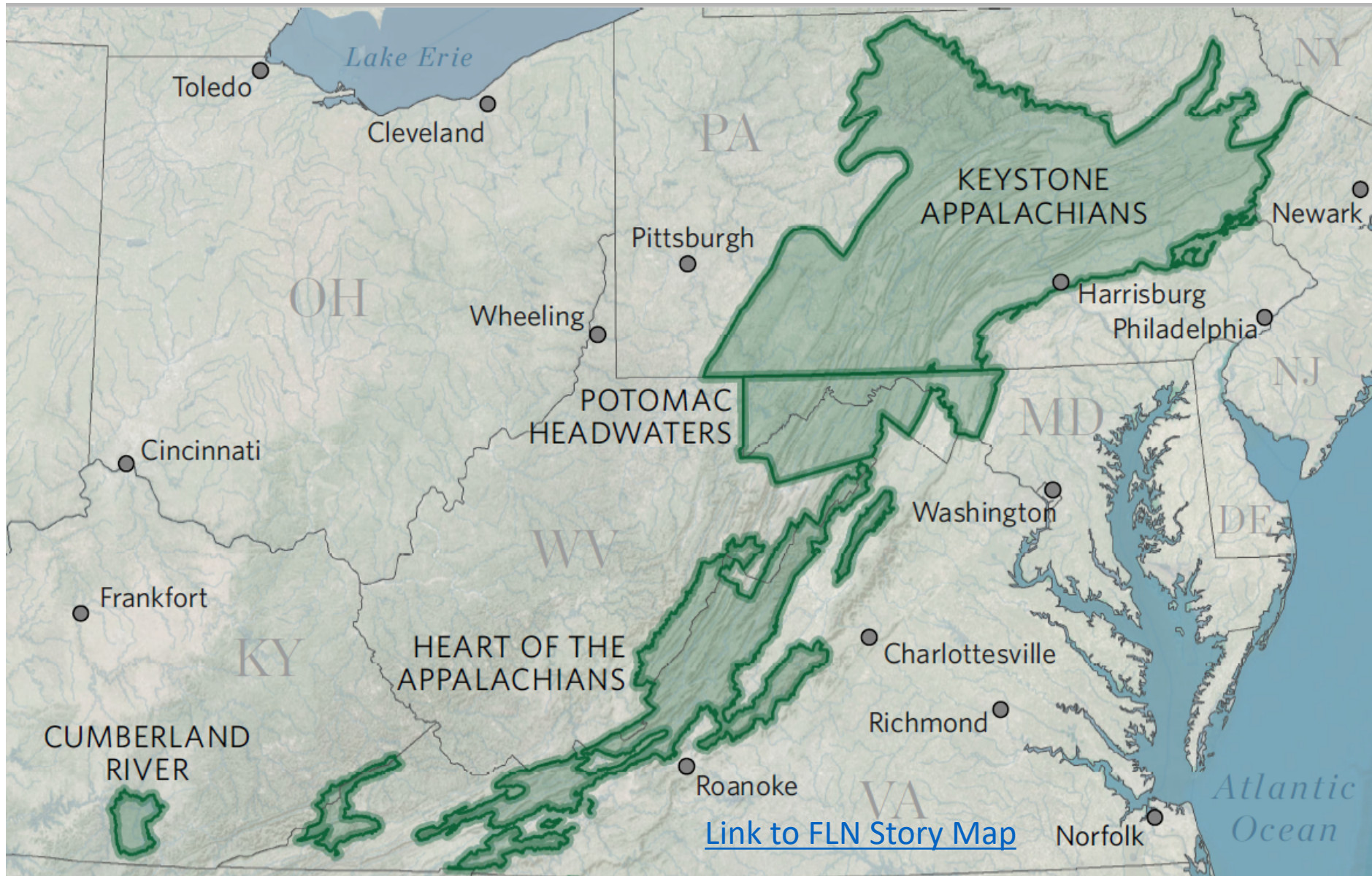
Fire Learning Network



**Cooperative agreement
between the
Nature Conservancy, the
US Forest Service and DOI**

**\$33 M supported nationally
\$25 M leveraged**

Central Appalachians FLN

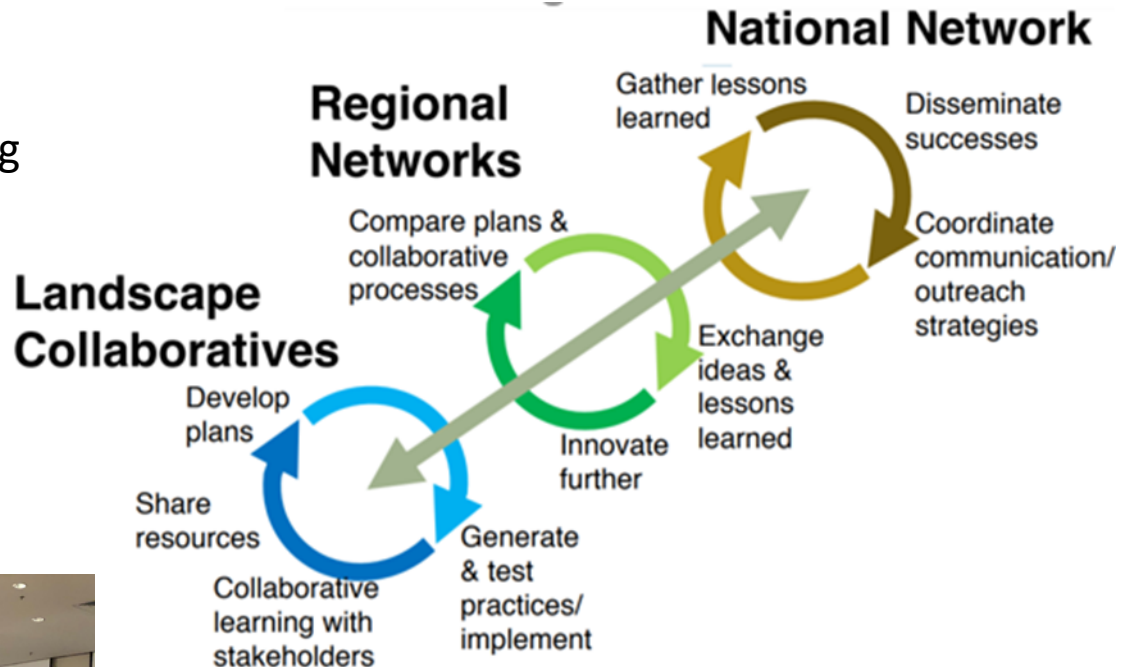


Leveraging Up for Greater Outcomes

Information sharing & net weaving

National Workshops

Peer Exchanges and Co-work



**Fire Learning Network
Notes from the Field**

Building Capacity in the Appalachians

Looking Back at 2018
Looking Ahead to 2019

Partnerships Work in the Southern Blue Ridge and Central Appalachians Fire Learning Networks

Fire history studies show that fires burned frequently across the Appalachian region, maintaining open forest conditions conducive for pine, oak and, historically, chestnut. But fire has been missing in recent decades. About ten years ago, the Southern Blue Ridge and Central Appalachian FLNs identified four forest types in greatest

Supplemental Wildland Fire Hazardous Fuels funding. Additional modules were added in Georgia, Kentucky, North Carolina and South Carolina in 2016 and 2017 with funding through an agreement with Forest Service Region 8. And now a national participating agreement between the Forest Service and the Conservancy—facilitated

funded through a Forest Service Region 8 agreement—helped conduct 15 controlled burns totaling 8,696 acres in North Carolina and Tennessee. These included burns on U.S. Forest Service (Cherokee and Pisgah National Forests) and North Carolina Wildlife Resources Commission lands, as well as on private lands through the North Carolina Forest Service. These burns are part of the

Learning Together (preferably in the field)



Burning Together & Building Capacity



National TREX Opportunities

Local/Regional Training
Needs

Prerequisites to co-op
burning



Community Engagement and Outreach

Capacity
Training
Burning
Risk

Learning &
Leadership

Community
Engagement

Network
Participation

Management,
Cultural
Knowledge,
Science

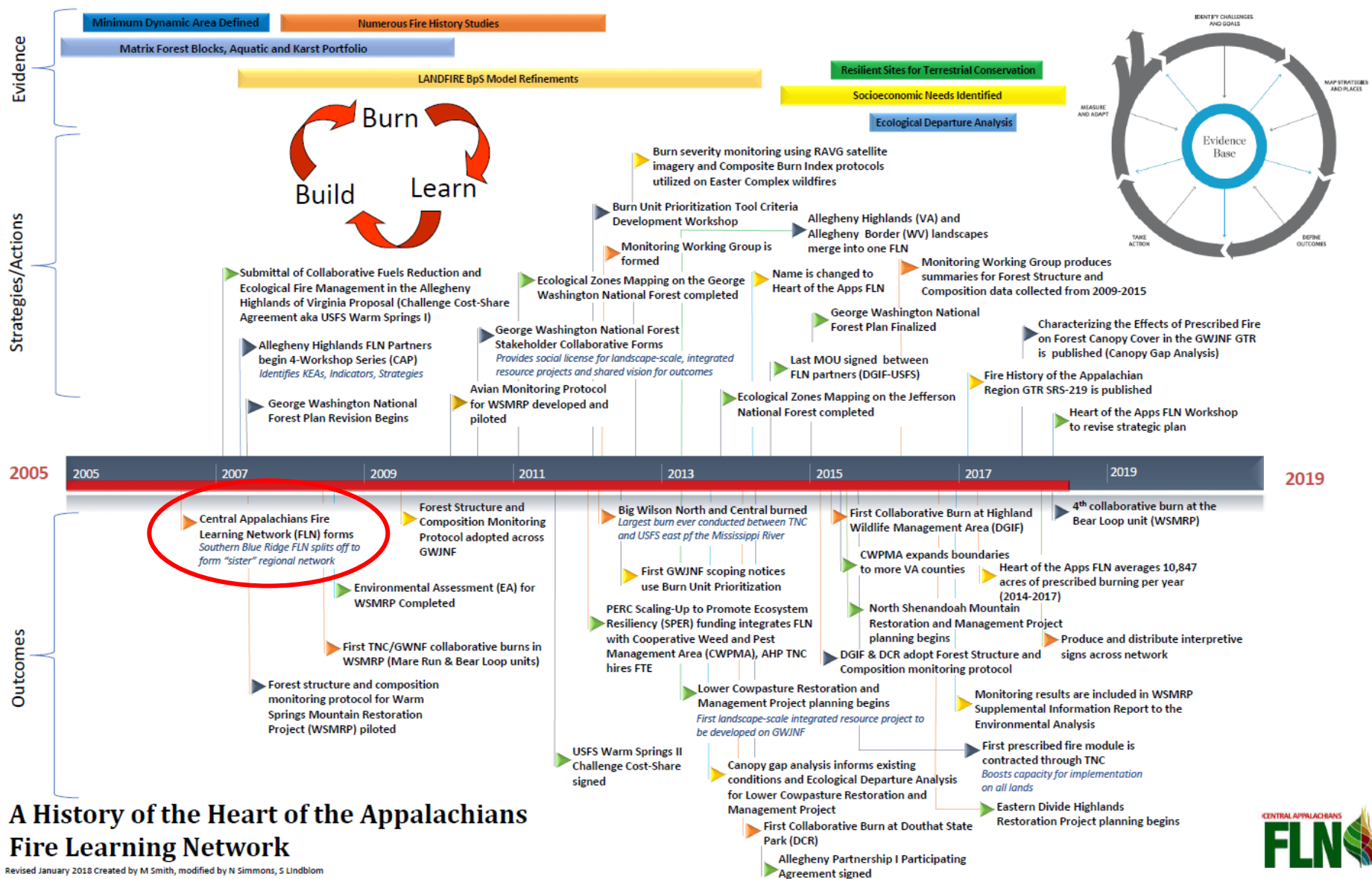
The
Fire Learning
Trail



management agencies, academic institutions, and non-profit management. Partners in Virginia and West Virginia include: USDA Forest Service, Virginia Department of Forestry, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, National Park Service, U.S. Geological Survey, Radford University and Virginia Tech.

This project is supported by Promoting Ecosystem Resiliency Landscapes, Learning and Restoration, a cooperative agreement between The Nature Conservancy, USDA Forest Service and agencies of the Department of the Interior. This institution is an equal opportunity provider.







11 hours to acquire and transportation cost to treat over 4,000 acres of forest with tree stock

MIXED HARDWOOD AND PINE FORESTS—with large patches of older-growth oak and hickory, south-facing patches of yellow pine, stands of sugar maple, hawthorn, ash and poplar in eastern hardwoods in ravines along steep riparian zones—are hallmarks of this landscape. Drier, fire-dependent pine-oak-hawthorn lands—along steep riparian zones and exposed south- and west-facing slopes. The only communities of chestnut oak, pitch pine, white mountain pine and species of blueberry and mountain laurel—are

LANDSCAPE VISION

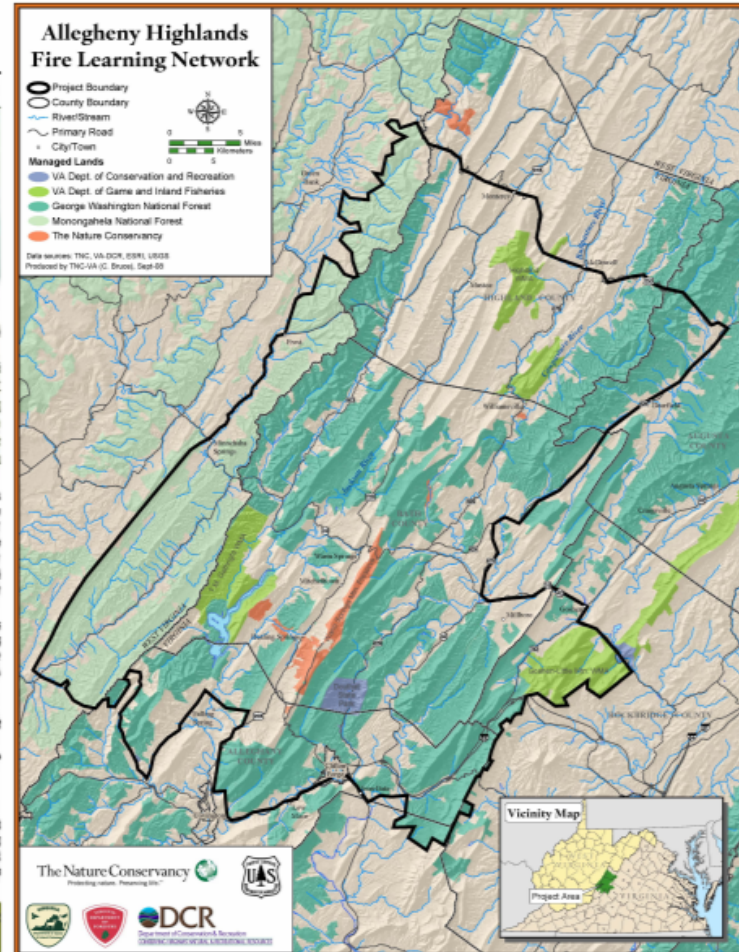
Partners promote ecosystem health and biodiversity by fostering restoration and maintenance of fire-adapted ecosystems, while ensuring public safety. They are working to improve the capacity to apply and manage fire by increasing collaboration and partnerships of interested agencies, organizations and communities.

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CENTRAL APPALACHIANS
FLN



Capacity and Cooperation

Agreement between the DGIF and TNC, Page 1

MEMORANDUM OF UNDERSTANDING
BETWEEN
DEPARTMENT OF GAME AND INLAND FISHERIES
And
THE NATURE CONSERVANCY
Virginia Chapter

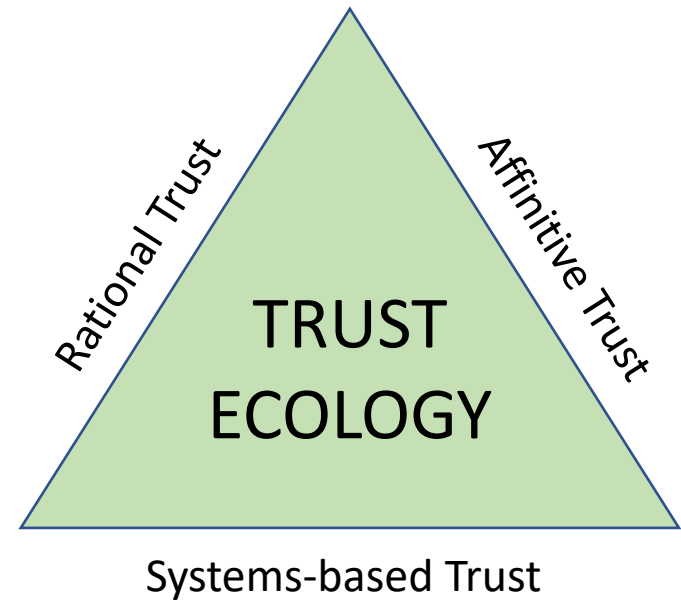


2008: First cooperative burn; 150 acres,
low complexity

2012: Largest TNC/USFS cooperative burn
5,800 acres

2018: At least five partners on every burn

Relationships First



Based on research and theories by Dr. Marc Stern

Resources



[Conservation Gateway Central Apps](#): protocols, news, research

[Story Map](#) : explore landscape annual plans and Network strategies