



**Department of
Environmental
Conservation**

NYS Reforestation Plan

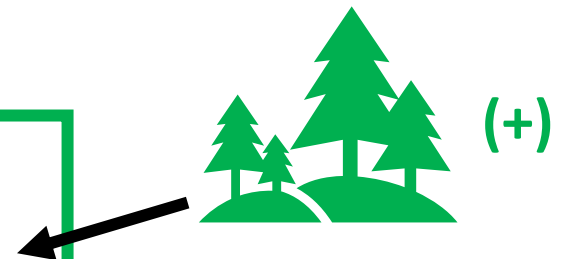
Partner Introduction

**J.J. Käthe
Climate Forestry and Carbon Section
NYS DEC, Division of Lands and Forests**

Climate Act (CLCPA)

- Established Climate Action Council (CAC) to develop Scoping Plan to meet targets:
 - 70% renewable energy by 2030
 - 100% zero emissions from electricity generation by 2040
 - 85% reduction in GHG (from 1990) by 2050

- Goal of 100% net zero emissions by 2050
 - Sequestration “cancel out” remaining GHG (15%)



CLCPA Scoping Plan

“Develop a Statewide Reforestation and Afforestation Plan:

DEC should work with other agencies and partners to develop a plan that sets **ambitious and collaborative goals that span across agencies and organizations, programs, local municipalities, nurseries and landscaping companies, and landowners** for reforestation and afforestation by 2030, 2040, and 2050.

State agencies, authorities, partners, and organizations should broadly encourage and support **statewide tree planting, tree regeneration, and tree maintenance programs to establish and maintain 1.7 million acres (approximately 680 million trees) by 2040.**

This would result in more than 4.9 MMT CO₂e of additional annual sequestration by 2050. A statewide reforestation and afforestation plan would help increase market coordination with nurseries, seed collectors, and a planting workforce to synchronize implementation needs.”



Forest Resilience

A resilient forest has:

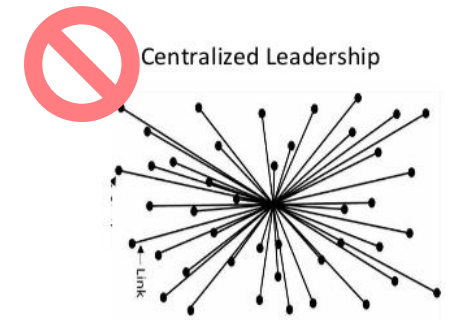
- Ability to **adapt** to change
- Structural and compositional **diversity**
- **Connectivity**



Plan Resilience

A resilient reforestation plan should have:

- Adaptive Management
- Diversity of Perspectives
- Connectivity between partners and stakeholders





Department of Environmental Conservation

New York State Forest Action Plan

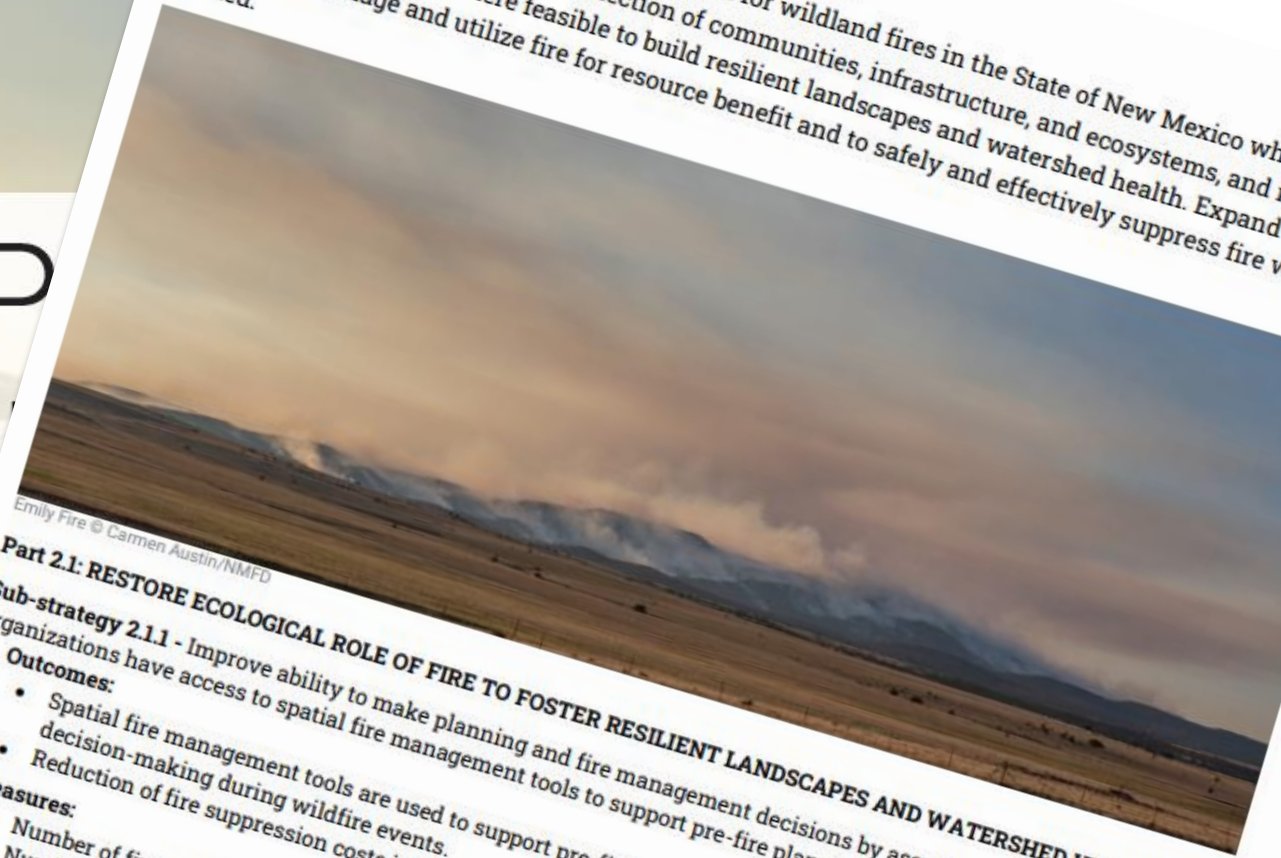
DECEMBER 2020

Andrew M. Cuomo, Governor | Basil Seggos, Commissioner

SCOPE PLAN

Strategy #2 — Fire Management

Provide and support appropriate fire responses for wildland fires in the State of New Mexico which protect communities, infrastructure, and ecosystems, and restore fire's ecological role where feasible to build resilient landscapes and watershed health. Expand wildland fire management capacity to manage and utilize fire for resource benefit and to safely and effectively suppress fire where needed.



Emily Fire © Carmen Austin/NMFD

Part 2.1: RESTORE ECOLOGICAL ROLE OF FIRE TO FOSTER RESILIENT LANDSCAPES AND WATERSHED HEALTH

Sub-strategy 2.1.1 - Improve ability to make planning and fire management decisions by assuring that all fire organizations have access to spatial fire management tools to support pre-fire planning and co-management of fire.

Outcomes:

- Spatial fire management tools are used to support pre-fire planning and improved communication and decision-making during wildfire events.
- Reduction of fire suppression costs in areas where pre-fire planning and improved communication and decision-making during wildfire events.

Measures:

- Number of fire incidents that make use of newer spatial fire tools.
- Number of pre-fire plans completed.
- Dollars spent on fire suppression in areas with pre-fire plans completed.

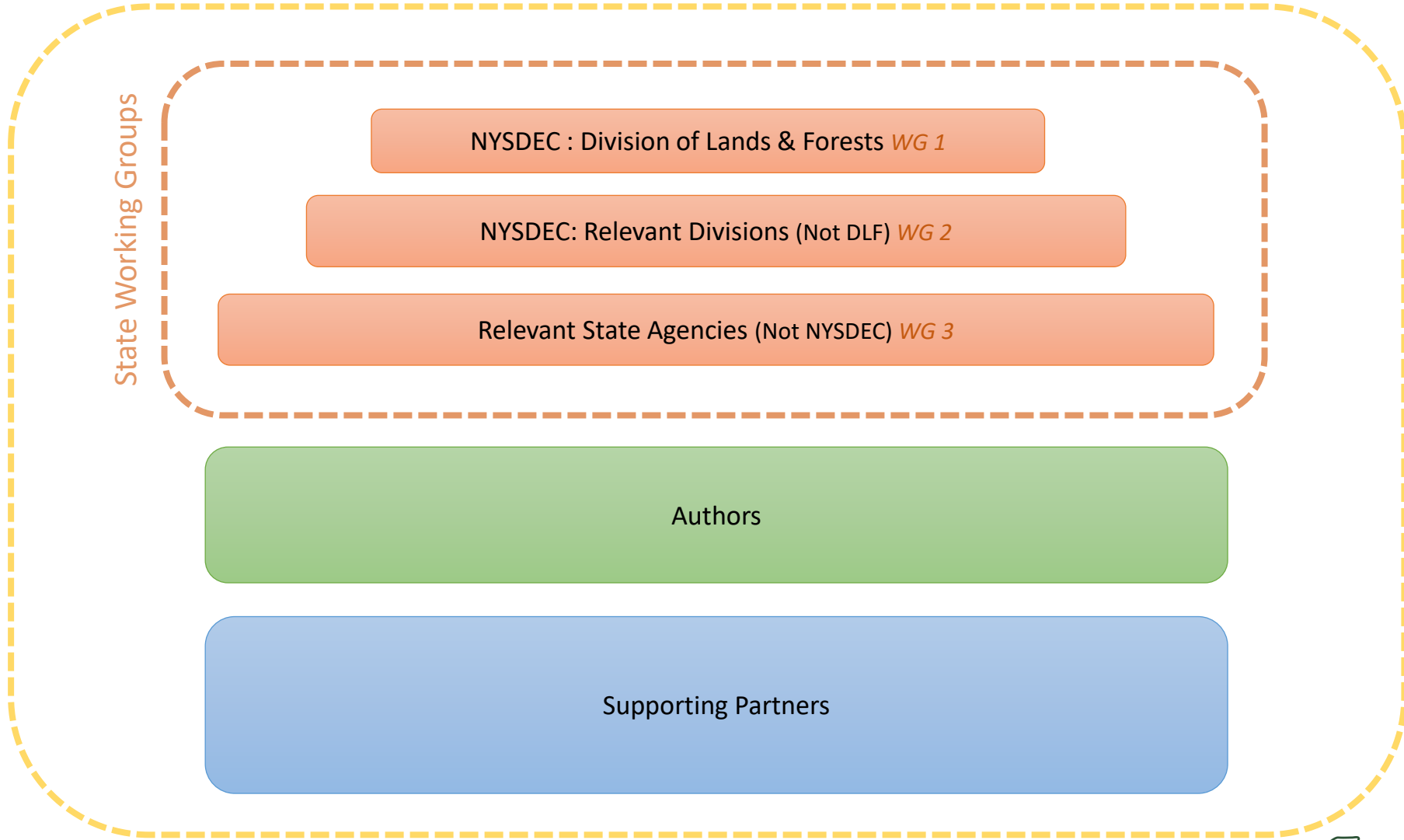
Actions:

- 2.1.A - Continue to support collaborative portals (WFDSS), Potential Operational Delimitation, and have easy access to maps/d

What: Work to...

Framework for Planning Process

Climate Forestry & Carbon Unit : **Coordination**



Types of Supporting Partner Meetings

Theme-Team Meetings

Attendees
Supporting Partners, Authors,
Some State Agency Staff

Goal
Gather feedback from
partners to inform writing on
specific themes.

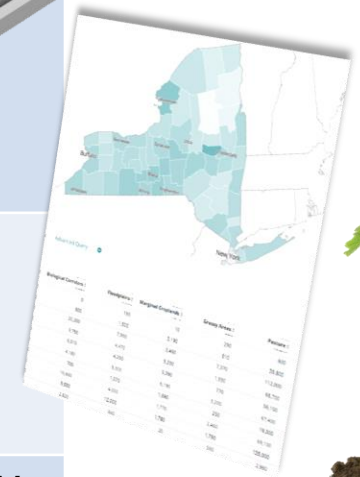
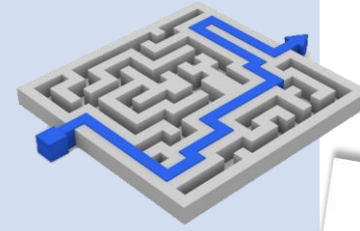
Weekly Office Hours

Attendees
Anyone

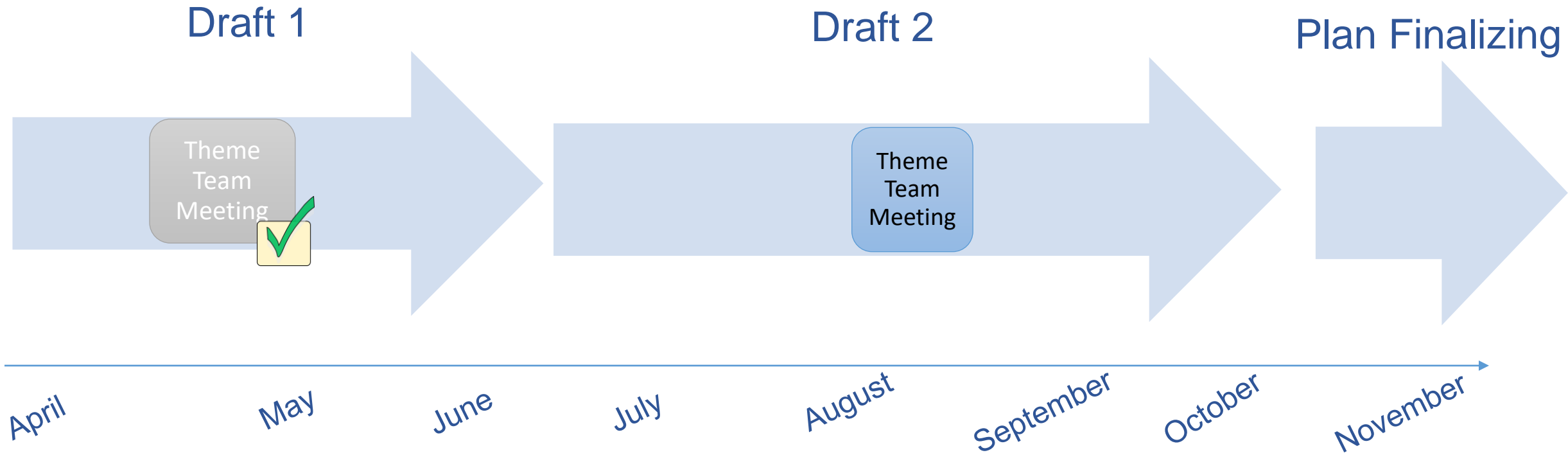
Goal
Address questions/ ideas that
were not covered during
meetings



Theme	Expertise Required
<p>Planning</p>	<ul style="list-style-type: none"> • Policy - Writing • Coordinating Partners & Engaging Stakeholders • Reinforcing Equity in program implementation • Data Collection & Record-Keeping • Applying adaptive Management • Analyzing Socioeconomic Impacts of programs
<p>Land</p>	<ul style="list-style-type: none"> • Analyzing Reforestation Potential in NYS • Understanding Conflicting Land Uses • Working with private landowners , understanding landowner perspectives
<p>Seed to sapling</p>	<ul style="list-style-type: none"> • Working within or researching the native plant material supply chain in NYS and the Northeast or Mid-Atlantic Region
<p>Planting & Regen</p>	<ul style="list-style-type: none"> • Managing forest land by engaging in: <ul style="list-style-type: none"> - Afforestation/Reforestation (Planting or Supplemental Planting) - Forest Stand Regeneration (Using silviculture techniques to stimulate regeneration) - Invasive species management - Deer management



Timeline



Plan Outline

Overview

Introduction

- Background & Context
- Goals of the Reforestation Plan
- Benefits of the Reforestation Plan

Part I : Planning

- Defining Reforestation
- **Challenges & Opportunities**
- **Land Opportunity & Site Selection**
- Species Selection
- **Funding**

Part II : Implementation

- Seed Strategy
- **Tree Production Strategy**
- **Assisted Regeneration**
- **Out-Planting**
- **Post-Planting Activities**
- **Data & Information Management**

Appendix

- **Directory of Reforestation Entities**
- **Resiliency Guidelines for Communities**
- **Decision Matrix for Site-Specific Management**
- **Standards & Definitions**

NYS Reforestation Plan Effort in need of Supporting Partners on the Local & Regional Level



DEC needs assistance creating a plan to increase forest cover in NYS!

Why is DEC Creating a Statewide Reforestation Plan?

- Climate Act Scoping Plan recommendation to establish **1.7 million acres of new forest**
- State of the State announcement to plant **25 million trees by 2033** as a benchmark to that total

What's the time commitment?

- **Minimum of 2 meetings** – Plan is to be completed by the end of 2024

What topics do we need feedback on?

- Land Opportunity & Site Selection
- Tree Production
- Assisted Regeneration
- Out-Planting
- Post-Planting (Maintenance & Monitoring)
- Data & Information Management
- Others

or Email J.J. Käthe

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Supporting
Partner
Form

Discussion

Questions

1. Wildlife Messaging

How should wildlife conservation/habitat management be represented in the reforestation plan? (How can we briefly explain what the impacts of large scale reforestation might be for wildlife – pros, cons, highlights, etc)

2. Expanding existing wildlife programs that support forests

What strategies can we incorporate to support or expand existing wildlife programs that promote tree-planting / forest regeneration?

3. Statewide deer management approach

What strategies might we consider in addressing/reducing deer herbivory when it comes to pursuing large scale reforestation?