Increasing the Flow of the Reforestation Pipeline: It's Plumb Crazy

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And more than REPLANT!



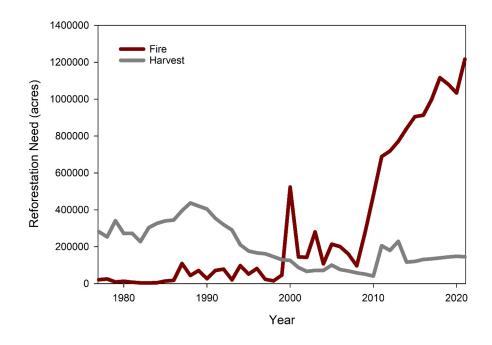
1985

- Gorbachev becomes Soviet leader.
- Reagan starts second term with tax reform.
- Kas is half-way through his MSc and still combing his hair.
- The last emphasis on USFS reforestation starts... R.I.P.

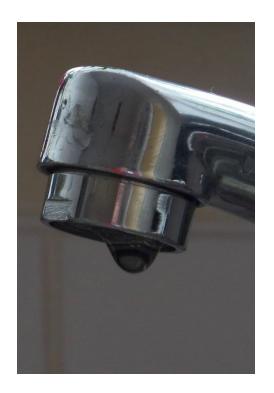
Reforestation Improvement Program

- 1976 National Forest Management Act
- Mid to late 1980s...
- Across the Agency
- Evaluate the reforestation chain
- Research-driven improvements
- More efficiency / success

Forest Service Efforts



Updated from: Dumroese RK; Balloffet N; Crockett JW; Stanturf JA, Nave LE. 2019. A national approach to leverage the benefits of tree planting on public lands. New Forests. 50: 1–9. https://www.fs.usda.gov/treesearch/pubs/57828.



Forest Service Efforts

- 2015 Reforestation Summit
- Partner Support and Engagement
- 2020+ The Nature Conservancy papers
- And then came 2021 and 2022!

Appropriations and Policies

- 2021
 - Dec: Infrastructure Investment and Jobs Act (IIJA)
 - aka Bipartisan Infrastructure Law (BIL)

- 2022
 - Apr: Executive Order
 - Jul: Secretary Vilsack's Memo
 - Aug: Inflation Reduction Act (IRA)

Infrastructure Investment and Jobs Act (BIL)

Wildfire Risk Reduction (~\$3.4 billion)

Post-fire restoration

Collaborative Forest Landscape Restoration Act projects

Ecosystem Restoration (~\$2.1 billion)

Ecosystem restoration

Good Neighbor Agreements

Abandoned mine land restoration

Public & private reforestation

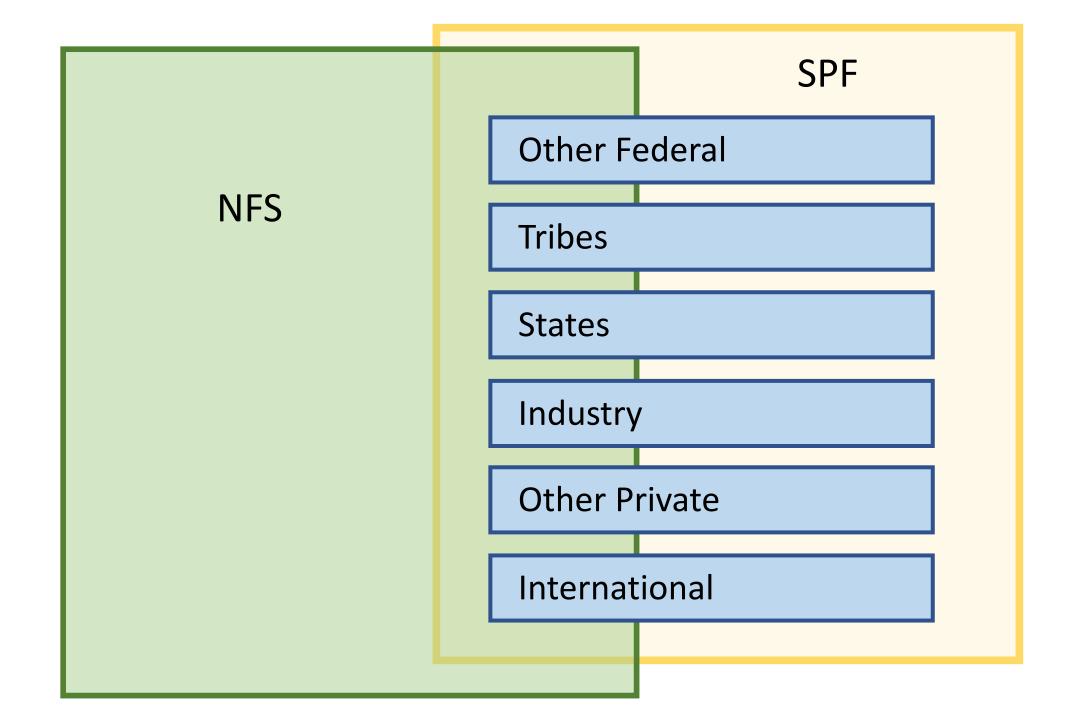
REPLANT Act

Inflation Reduction Act

Inflation Reduction Act (~\$1.5 billion)

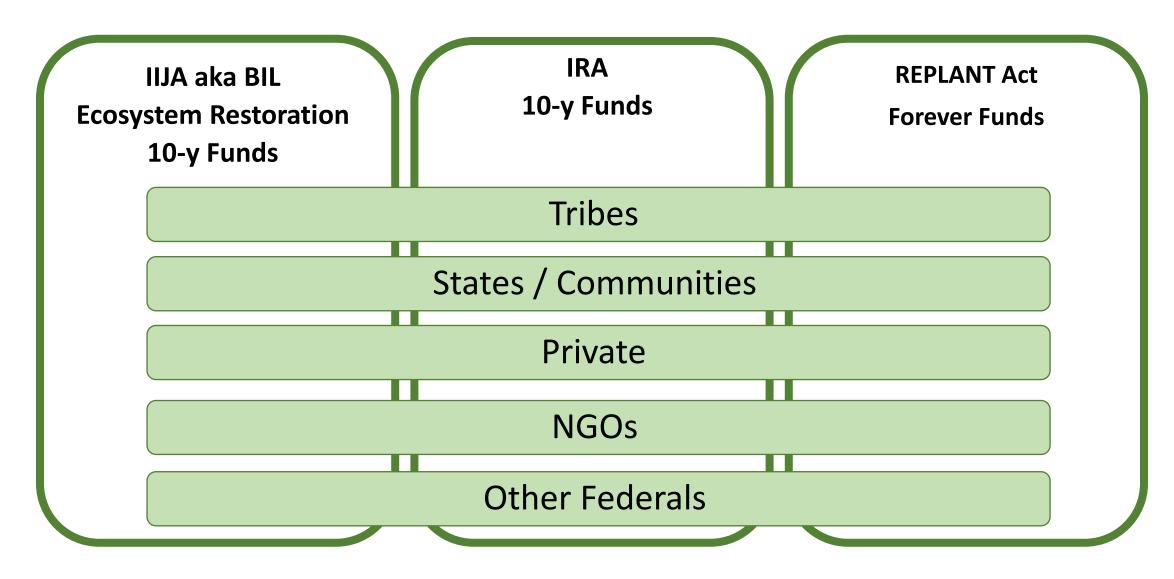
Urban landscapes

Underserved communities





Unprecedented Opportunity



National Association of State Foresters, Tribes, National Fish and Wildlife Foundation, other partners....

- \$1.1 million Revegetation of Formerly Mined Land
- \$7.7 million National Revegetation and National Seed Strategy for Rehab and Restoration



- Nursery funds 30 States and Puerto Rico
 - \$4.96 million allocated this FY (\$160,000 each); \$6.2 million (\$200,000) requested next FY.
- Nursery funds 7 Island Territories and Commonwealths
 - Up to \$75,000 each allocated this FY; \$100,000 requested next FY.
- Nursery Specialist & Policy Coordinator
 - New staff position to coordinate all S&PF work related to BIL funding for revegetation.

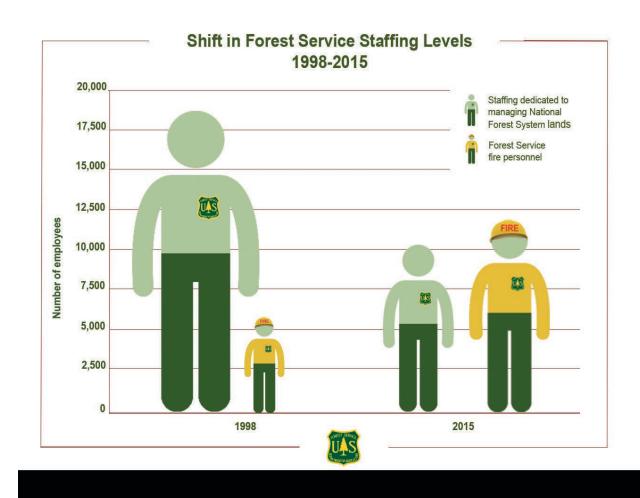


- Tribal Nursery Funds
- 6 tribes with "larger scale reforestation nurseries"
 - Total need of \$4.8 million
 - \$1.5 million allocated this FY
 - \$3 million requested for next FY
- Full-time Tribal Nursery Specialist
 - Currently part-time through RNGR
 - Full-time / service with RNGR
 - Updating 2003 Tribal Needs Assessment a priority



- National State and Private Forestry Reforestation Strategy
 - Non-Federal land
 - Pipeline bottlenecks and strategies
 - Prioritization process
 - Collaborative opportunities
 - Strategy complements/supports NFS National Reforestation Strategy
 - Stakeholder participation

Take Some Time and Get It Right



Other Pipeline Considerations?

• Planning, Seeds, Nurseries, Outplanting, Tending

- Recruiting, Training, and Retaining Employees?
- Predictable Seedling Markets?
 - Federal Program(s)?
- Sustainable Management?



USDA Thinking Holistically

- Leveraging Mission Areas
 - NRE Natural Resources and Environment
 - Forest Service
 - FPAC Farm Production and Conservation
 - FSA Farm Service Agency
 - NRCS Natural Resources Conservation Service
 - RD Rural Development
 - REE Research, Education, and Economics
 - ARS Agricultural Research Service
 - NIFA National Institute of Food and Agriculture

















Thank You! Questions?



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