



# Michigan Department of Natural Resources

## Forest Management

**Jason Stephens, Assistant Chief  
Forest Resources Division**

**Scott Whitcomb, Director  
Office of Public Lands**

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# Michigan's world-class forests

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- 20 million acres of forests, 4 million acres of state forest land, dual-certified as sustainably managed
- Thousands of miles of forest roads accessible for industry and recreational use
- Forest economy contributes more than \$21 billion, supporting 91,000+ Michigan jobs
- Oil, gas, mineral and solar development





## 2021 management successes

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- Prepared more than 56,600 acres of state and national forest for timber sale
- Planted 4.3 million pine seedlings
- Prepared 6,000 acres for planting
- Implemented new timber cruise protocol
- Completed revision of 10-year statewide Forest Action Plan



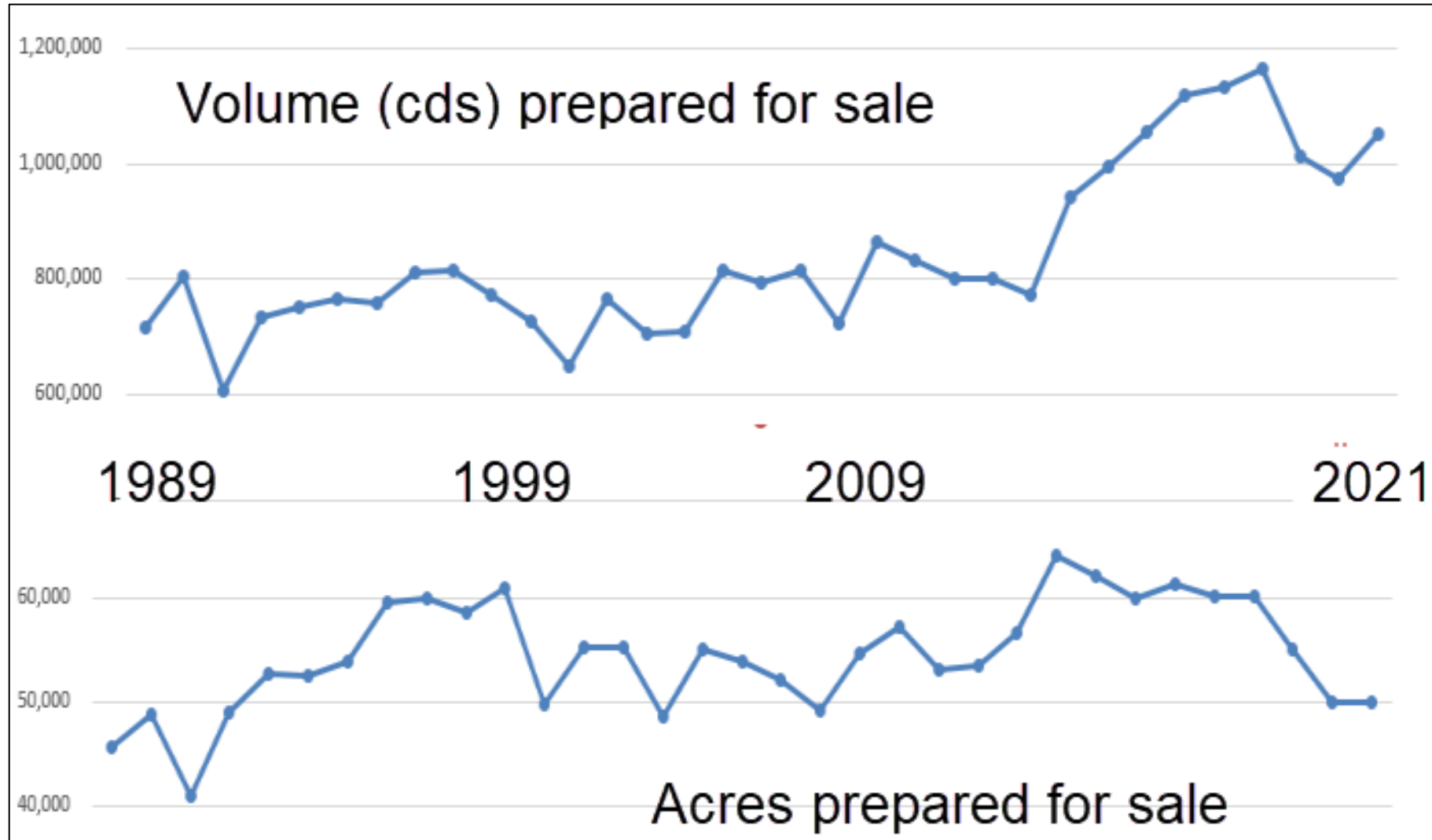
# 2022 management plans

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- Prepare more than 59,000 acres of state and national forest for timber sale
- Plant 5.6 million pine seedlings
- Prepare 6,600 acres for planting
- Develop 10-year State Forest Management Plan
- Complete culvert and bridge inventory

# State forest timber sale trends

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# Restoring forests on private and state forest lands

\$5.4 million in USDA funds to plant 5 million native hardwood and conifer trees.

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- MDARD, DNR and partners are applying for and implementing a \$5.4 million Regional Conservation Partnership Program grant from USDA Natural Resources Conservation Service
- DNR is providing \$4.7 million of in-kind match over five years in the form of reforestation costs on state forest lands
- Project goal: Plant 5 million trees over 5 years on private lands located in 27 northern Michigan counties
- Encourage landowners to enroll planted properties into the MDARD Qualified Forest Program
- Planted trees will sequester carbon and provide future timber source for Michigan's forest products industry



# Forest carbon pilot project

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- Pigeon River Country State Forest selected for project
- 100 years of elk management, small area and unique values make it an ideal site for experiment
- Strong co-benefits in alignment with forest goals, management and objectives
- Attractive to buyers interested in charismatic carbon



# Forest carbon pilot project cont.

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- DNR issued RFP and contracted with Bluesource as carbon credit developer
- Credit accounting using American Carbon Registry (ACR) protocols and Improved Forest Management methodology
- Credits independently verified; credits sold on voluntary markets



# Forest carbon pilot project cont.

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- Allows harvest and accounts for durable timber products
- DTE Energy has purchased the first 10 years of credits
- New project areas registered on the ACR-Wolverine-Copper Country





# New forest carbon areas

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- Second project to market carbon credits; potential to generate 1.5 million voluntary credits over 10 years
- The Wolverine-Copper Country Forest Carbon Project: two sites, totaling 126,000 acres
- The sites are located near the tip of the Keweenaw Peninsula and the northwest tip of the Lower Peninsula
- Funds will be reinvested into tree planting, restocking areas affected by pests and disease, and wildlife habitat improvement



# Key project takeaways

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- Tremendous interest in project nationally from private sector, other states, USDA
- Robust stakeholder engagement
- 3-dimensional management of forests
- Diversify revenue stream
- Revenue reinvestment in forests, wildlife, infrastructure



**Questions?**