



Acronym	AForMan
Full Title	Adaptive Forest Management for forest stands threatened by climate change and disturbances
Partner(s)	Forestry and Game Management Research Institute, Czech Republic (<i>coordinator</i>) Competence Center for Wood and Forestry, State Enterprise Sachsenforst, Czech Republic
Grant Theme	Establishing Climate-Smart Forestry and forest restoration pilots in Europe
Start Date	April 2025
Duration	18 months
Description	The AForMan project aims to establish field trials in the Czech Republic and Saxony for testing adaptive forest management and restoration practices. The field trial sites cover a gradient of forest vulnerability to drought and disturbances and serve as a basis for developing effective measures to support climate change mitigation, adaptation and biodiversity. The project is testing various adaptive interventions, such as different systems of thinning, underplanting with drought-resistant species, supporting measures for natural regeneration under the parent stand or in gaps. These interventions are systematically documented and evaluated against control plots to assess their impact on forest health, productivity, carbon sequestration, and biodiversity. Data collection focuses on key indicators like stand structure, crown condition, tree growth, carbon stock, soil properties, vegetation diversity, and the presence of deadwood utilizing standardized forest inventory and ICP Forests methodologies. Baseline assessments will be conducted before implementing adaptive interventions, with repeat measurements planned for future years. Ground assessment of stand structure is complemented by terrestrial laser scanning. Monitoring equipment on ICP Level II plots, including soil sensors and weather stations, provide near real-time environmental data. The project also includes a dissemination plan, with interim and final reports, workshops, and publications targeting forest managers and policymakers. By engaging stakeholders and securing long-term funding, AForMan aims to ensure the continuation of field trials and monitoring beyond the project's 18- month duration. The outcomes will provide valuable insights into best practices for climate-smart forestry, contributing to forest resilience and sustainable management across Europe.



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