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Junta de Castilla y León

Organisation: CESEFOR & Junta de Castilla y León

Sector: Forestry

Location: Castilla y León, Spain

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The "Rebollo en Castilla y León" case study focuses on strengthening climate resilience within the forestry sector in Castilla y León, Spain. Forestry is considered a strategic sector in the fight against climate change, as it provides renewable wood products that can substitute more polluting materials such as coal, gas, oil, cement, and steel. The sector also presents strong growth potential, as only a small proportion of annual forest growth is currently harvested, and there are opportunities for innovation in wood-based products.

However, climate change poses increasing risks to forest ecosystems and productivity. Droughts, extreme temperatures, biodiversity loss, pests, and diseases are contributing to forest decline and increasing the risk of wildfires. In addition, industrial specialization may reduce the sector's capacity to adapt if forest species suitability shifts under changing climatic conditions.

The case study promotes adaptive forest management strategies, particularly the implementation of close-to-nature forestry techniques and the transition from monospecific to mixed stands. These approaches aim to enhance ecosystem resilience, maintain productivity, improve product quality, and reduce vulnerability to climate-related disturbances. Through collaboration between CESEFOR and the Junta de Castilla y León, the initiative seeks to position the forestry sector as both a climate mitigation tool and a resilient economic pillar capable of adapting to future environmental challenges.