



**ValoFor**  
ForestValue

# ValoFor: Small Forests - Big Players

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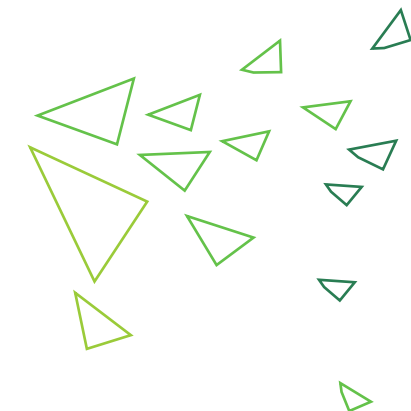
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# About ValoFor

Goal: To understand the contribution of small forest owners in the transition to a wood based bio-economy by considering the perception and management strategies of small forest owners.



## Valorising small scale forestry for a bio-based economy

The project will assess small forest owners from southern to northern European forests in Austria, Germany, Sweden, Finland and Slovenia.

# Project partners



**Austrian Research  
Centre for Forests**

**BFW**

Lead Partner  
Austria



**Johann Heinrich von  
Thünen Institute**

**TI**

Project partner  
Germany



**Umeå University  
UU**

Project partner  
Sweden



**Natural Resources  
Institute Finland**

**LUKE**

Project partner  
Finland



**Slovenian Forest  
Institute**

**SFI**

Project partner  
Slovenia

# Challenges, Problems and Solutions



**Change of small forest owner structure and the change of their perception on wood productions and ecosystem services**



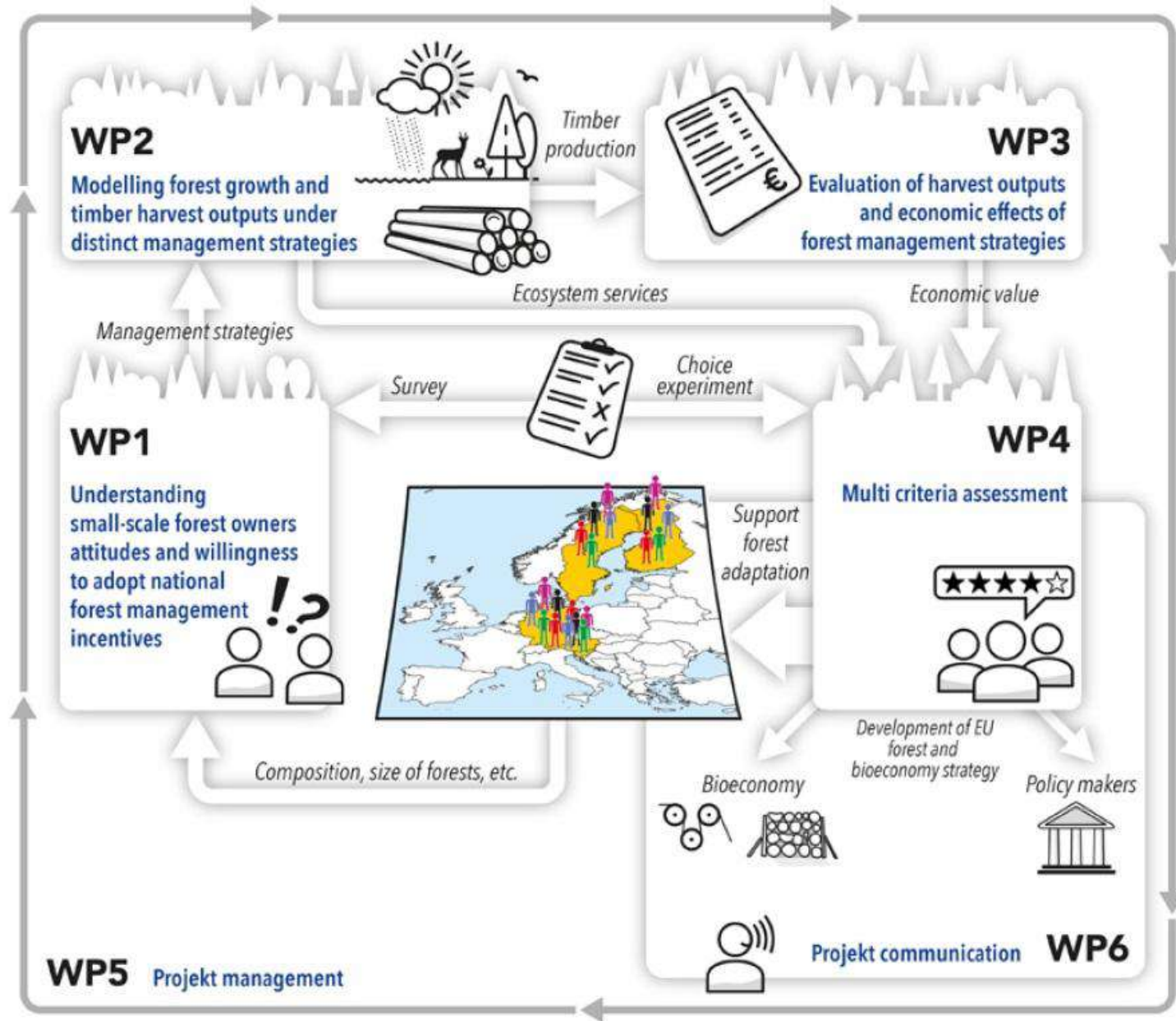
**The growing timber demand worldwide and the increasing substitution of fossil raw materials by bio-based agricultural and forest resources**

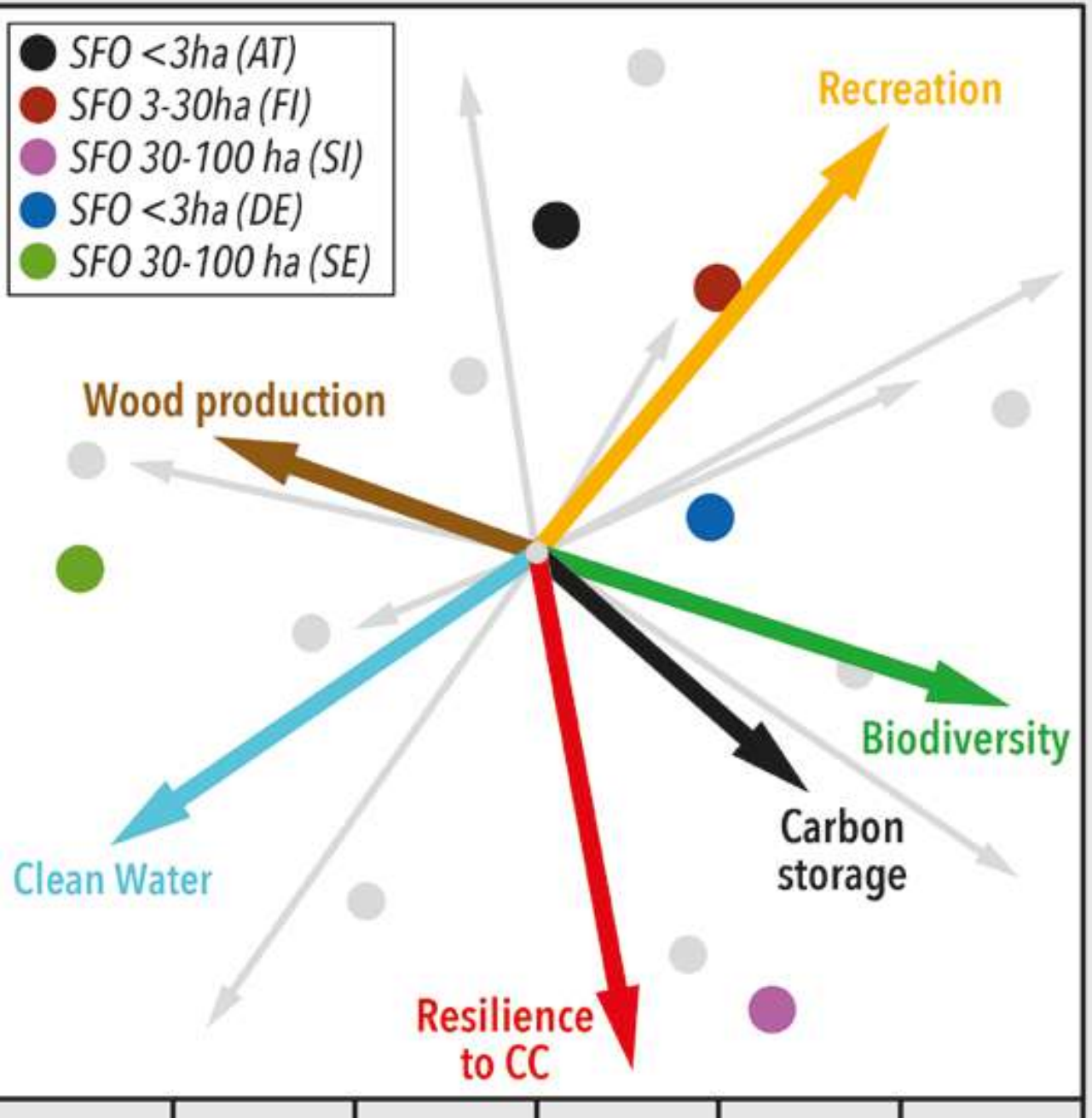


**The increasing risk of climate related calamities and the required management to adapt forests to climate change**



# Workflow





# Results



**Understanding small-scale forest owners attitudes and willingness to adopt national forest management incentives**



**Modelling forest growth and timber harvest outputs under distinct management strategies**



**Evaluation of harvest outputs and economic effects of forest management strategies**





**Quantitative analysis of trade-offs between timber production, different ecosystem services and forest resilience towards climate change**


Multi criteria analysis of timber production, ecosystems services and forest resilience to climate change as modeled across the five partner countries based on National forest inventory


# Thank You

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<https://www.researchgate.net/project/ValoFor-Small-Forests-Big-Players-Valorising-small-scale-forestry-for-a-bio-based-economy-a-ForestValue-project> 

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