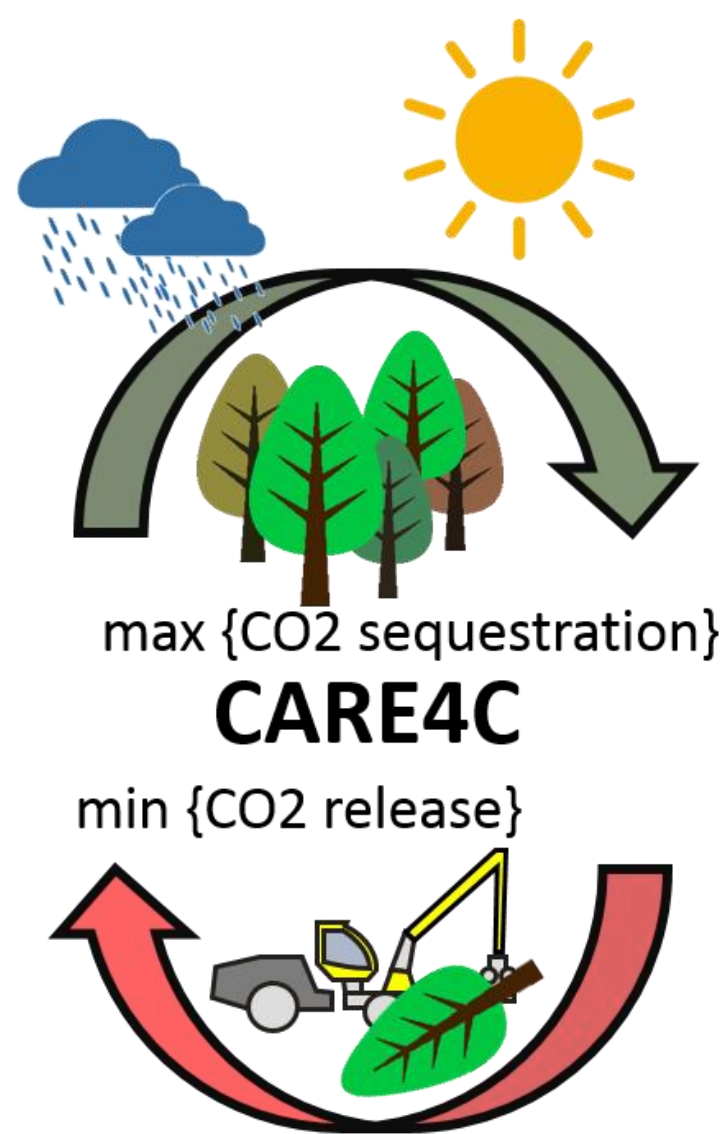


Research projects



CARE4C Carbon Smart Forestry under Climate Change

- Which carbon sequestration potential do forests have?
- How is the carbon sequestration potential influenced by environmental conditions, forest structure and forest operations?
- What adaptation measures to climate change are available in forest management?
- How can the carbon release by forest management be reduced?



This project has received funding from the European Union's Horizon 2020 research and innovation program under the Marie Skłodowska-Curie grant agreement (No GA778322).



CLIMO Climate Smart Forestry in Mountain Regions

- How are growth and resilience of mountain forests influenced by climate change?
- Which ecosystem services are provided by mountain forests?
- How can the management of mixed mountain forests be sustainable adapted to climate change?



This project has received funding from the European Union's Horizon 2020 research and innovation program under the COST action grant agreement (No GA15226).



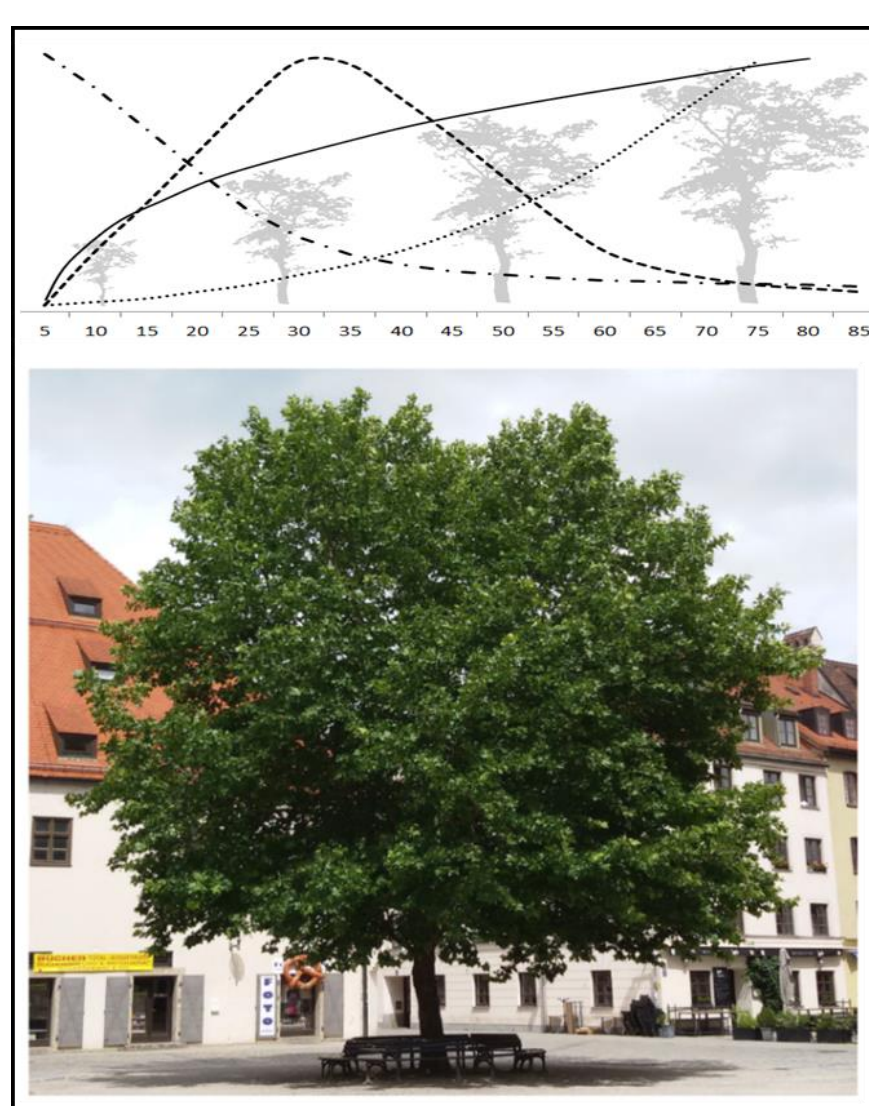
Reform Mixed Species Forest Management

- How productive are mixed forests compared to pure stands?
- Are mixed stands more resilient to climate change than pure stands?
- Which management options are feasible for mixed stands?



Bundesministerium für Ernährung und Landwirtschaft

The project has received funding within the frame of ERA-Net by the European Union and the Federal Ministry of Food and Agriculture (No 2816ERA02S).



Urban Trees Under Climate Change – Growth, Services and Perspectives

- Can growth and services of urban trees be realistically expressed by a process based growth model?
- Can the growth and ecosystem services of urban trees such as carbon sequestration, cooling capacity, shading and water consumption be quantified for Bavarian cities?
- How will the growth and service provision of urban trees in Bavarian cities be changed under changed climate conditions?



This project has received funding by the Bavarian State Ministry of the Environment and Consumer Protection (No TLK01UFuE69397).