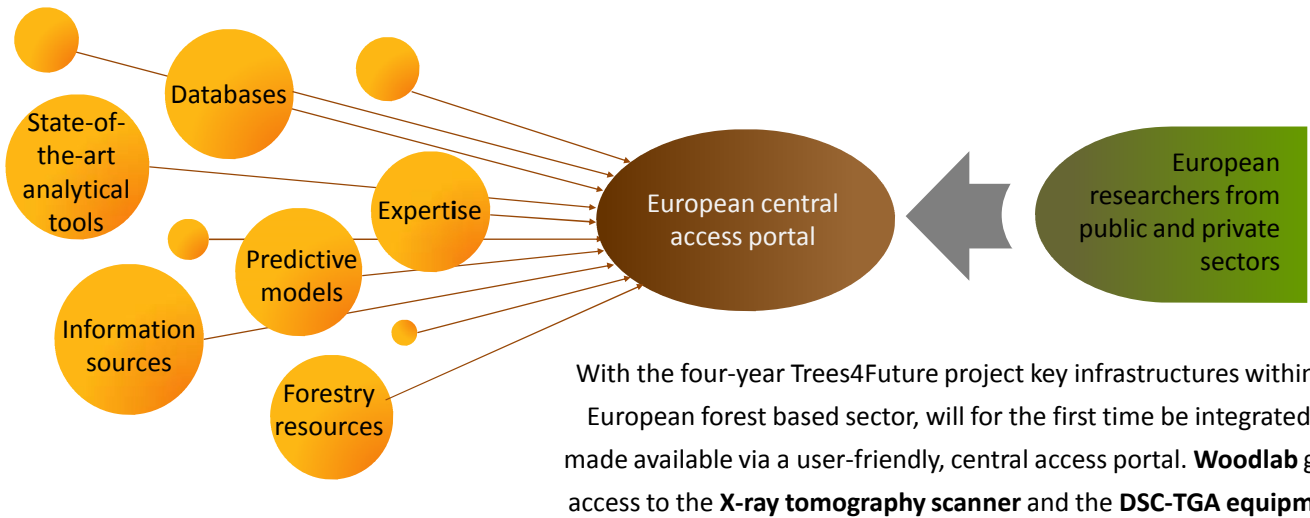




Transnational access to key research infrastructures and tools in the field of forestry and wood technology in Europe

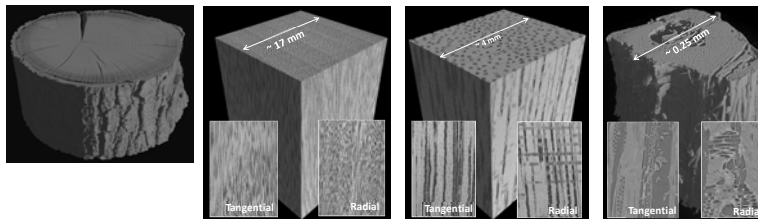


X-ray tomography scanner

- Developed at UGCT
- 8-axis motorized stage
- Unique combination of 2 X-ray tubes and 2 X-ray detectors covers all resolutions in an optimal way:



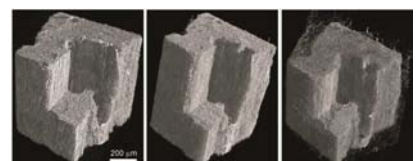
- Scans of larger objects
- Macro scans
- Micro scans
- Submicron scans



- Versatile acquisition routines: standard or fast scanning, tilling, helix,...
- Reconstructed voxel size from 200µm to 400µm with maximal scan-efficiency
- Support of experts from the UGCT consortium

Qualitative applications:

- ↘ Wood anatomy and identification
- ↓ Time lapse tomography



Quantitative applications:

- ↘ Structural quantification and quantitative anatomy
- ↓ Microdensitometry

