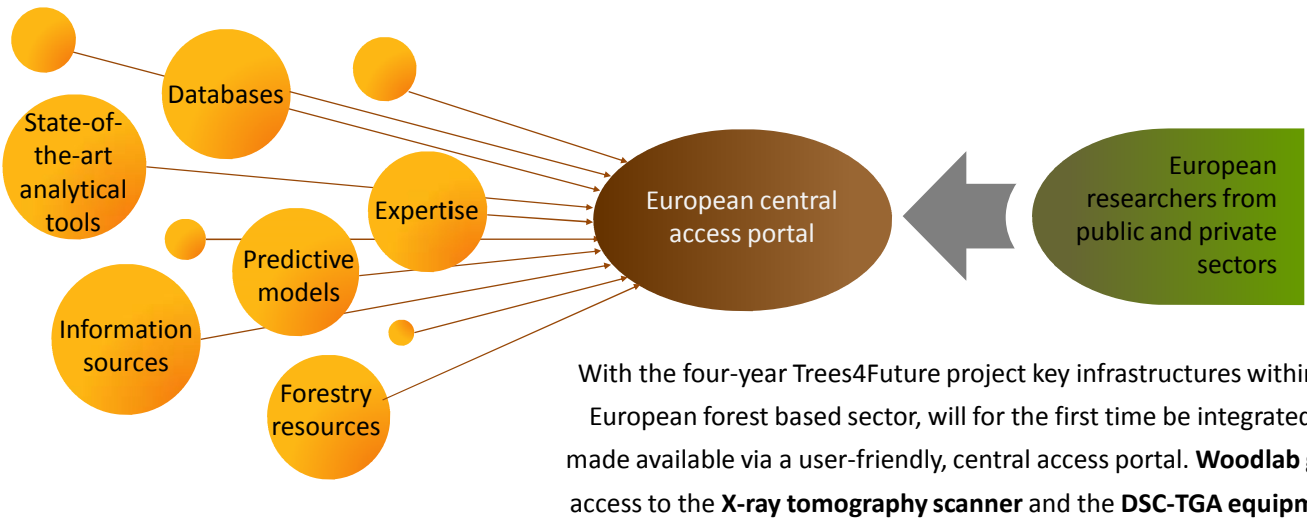




Transnational access to key research infrastructures and tools in the field of forestry and wood technology in Europe



DSC – TGA equipment



Simulate and monitor simultaneous calorimetric and gravimetric changes occurring at

- Physical or chemical transition phenomena
- Thermochemical decomposition processes
- Adsorption processes

Measuring

- Energy contents
- Reaction kinetics



Unique 3D DSC sensor that captures up to 94% of all heat exchanges throughout the entire temperature range



Various crucibles depending on use of different carrier or reactive gases

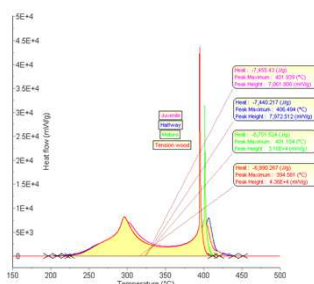


DSC mode

TGA/coupled mode

- Heating from room temperature up to 830°C
- Heating rates from 0.01 up to 30°C/min
- Ultraprecise monitoring

TGA balance resolution: 0.3µg
DSC sensor precision: 0.4µW



Calisto processing software integrated

Extra module for controlling relative humidity up to 75°C

