# COMET: K1 -Center

**Wood Comet**  
Competence Center for Wood Composites and Wood Chemistry

<table>
<thead>
<tr>
<th>Main location</th>
<th>Linz (Upper Austria)</th>
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<tbody>
<tr>
<td>Other locations</td>
<td>Lenzing (OÖ), St.Veit / Glan (K), Wien (W)</td>
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**Planned realisation and outcomes**
- New low weight materials with excellent mechanical properties (e.g. foamed wood);
- Efficient extrusion and injection moulding processes for WPC (WPC: Wood Plastic Composites);
- Decorative surfaces with improved scratch and abrasion resistance by using nano- and printing-technologies;
- High performance wood composites for construction applications;
- New bonding technologies for optimised production and product performance;
- Minimized resources consumption, closed process cycles by implementing on-line analytics, by products isolation (wood-refinery-conception) and bio-technology methods.

**History of establishment**
The Center was founded as non profit organisation in 2001 under the frame of the Kplus programme.

**Selected company partners**
1. Borealis Agrolinz Melamine GmbH
2. Borealis Polyolefine GmbH
3. DOKA Industrie GmbH
4. Dynea Austria GmbH
5. Fritz Egger GmbH & Co
6. FunderMax GmbH
7. Lenzing AG
8. SPB Beteiligungsverwaltung GmbH
9. Team 7 natürlich Wohnen GmbH
10. Wiehag Holding GmbH

**Selected scientific partners**
1. Universität für Bodenkultur Wien
2. Johannes Kepler Universität Linz
3. TU Wien
4. Holzforschung Austria

**Selected international partners**
1. Universite Henri Poincare, ENSTIB (F)
2. Universität Reutlingen, Inst. für angewandte Forschung (D)
3. TU-Helsinki (Finland)
4. Instituto Tecnologico del Mueble. AIDIMA (Spain)
5. Pinufin Oberflächentechnik GmbH (D)

**Planned number of personnel**
52 FTE (Staff Wood Comet, without Non K Area)

**Total costs**
€ 16,200,000.-

**Leader of consortium:**  
Kompetenzzentrum Holz GmbH

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1 Partners with headquarters outside Austria  
2 Total costs for the first funding period (4 years)