

## COMET: K1 Centre

<b>VRVis K1</b>	
<b>VRVis K1 Centre for Visual Computing</b>	
<b>Main location</b>	Vienna
<b>Other locations</b>	Graz (Styria)
<b>Research programme</b>	Visual Computing, Multiple Senses, Visualization, Visual Analysis
<b>Planned realisation and outcomes</b>	
<p>Good and correct decisions are the basis for success. In 2025 we will be able to use visualization and further human senses and output modalities beyond the desktop to enable effective and efficient workflows for applications requiring the human in the loop. We will have increased decision confidence based on complex data from e.g. medicine, environment, production, development and IoT in the presence of uncertainty while overcoming analytical limitations imposed by volume, velocity and variety of data. VRVis will provide with its more than 70 researchers expertise and research capabilities in order to transfer disruptive and innovative 3D technologies to our partners, and perform internationally renowned research.</p>	
<b>History of establishment</b>	Founded in 2000 as in the funding programme Kplus, from 2008 – 2010 VSOE funding, since 2010 COMET K1 Center.
<b>Selected company partners</b>	<b>Selected scientific partners</b>
<ol style="list-style-type: none"> <li>1. Agfa Healthcare Ges.m.bH.</li> <li>2. Austrian Power Grid AG</li> <li>3. AVL List GmbH</li> <li>4. D. Swarovski KG</li> <li>5. Geodata ZT Gesellschaft mbH</li> <li>6. HAKOM Solutions GmbH</li> <li>7. Lithoz GmbH</li> <li>8. RHI AG</li> <li>9. rmData GmbH</li> <li>10. Zumtobel Lighting GmbH</li> </ol>	<ol style="list-style-type: none"> <li>1. AIT Austrian Institute of Technology GmbH</li> <li>2. Graz University of Technology</li> <li>3. JOANNEUM Research Forschungsgesellschaft mbH</li> <li>4. TU Wien</li> <li>5. University of Vienna</li> </ol>
	<b>Selected international partners</b> <sup>1</sup>
	<ol style="list-style-type: none"> <li>1. Hilti Corporation (Liechtenstein)</li> <li>2. SteB, Köln (Germany)</li> <li>3. Otto-von-Guericke-University Magdeburg (Germany)</li> <li>4. University of Utah (USA)</li> <li>5. Virginia Tech (USA)</li> </ol>
<b>Duration of the K1 Centre</b>	COMET K1 2 <sup>nd</sup> Call: January 2010 – December 2016 (7 years) COMET K1 4 <sup>th</sup> Call: January 2017 – December 2020 (4 years, 1 <sup>st</sup> funding period)
<b>Staff employed at the Centre</b>	78 FTE (thereof 68 FTE scientists)
<b>Total costs</b>	COMET K1 2 <sup>nd</sup> Call: EUR 26.1 Mio (7 years) COMET K1 4 <sup>th</sup> Call: EUR 20.4 Mio (4 years, 1 <sup>st</sup> funding period)
<b>Management of the Centre</b>	Dipl.-Ing. Dr. Gerd Hesina, VRVis, CEO Prof. Dr. Werner Purgathofer, VRVis / TU Wien, Scientific Director
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<sup>1</sup> Partners with headquarters outside Austria