

COMET-Centre (K2)

K2 Digital Mobility	
K2 Digital Mobility Context-Embedded Vehicle Technologies	
Main location	Graz, Styria
Other locations	-
Research programme	<p>The goal is to make future mobility safer, more efficient, affordable and generally more acceptable for the end-user. K2 Digital Mobility's overall objectives are to enhance:</p> <ul style="list-style-type: none"> - Development efficiency by fostering disruptive digitalization - Cooperative integrated safety to move towards Vision Zero - Performance of automated and electrified vehicles - Acceptability by integrating human-centered solutions
Planned realisation and outcomes	
<p>The key results are grouped in three different classes. 1. Technology-driven results (e.g. high-fidelity modelling & simulation for virtual system approval, multi-sensor and high performance data management). 2. Enabling disruptive digitalisation (e.g. seamless integration of virtual/real subsystems for modular and distributed testing environments as essential enabler of the envisioned digital design & validation framework). 3. Value-creating results (e.g. Increased acceptability by human-in-the-loop consideration and leading-edge technology demonstration platforms and open experimentation for excellence in technology transfer and exploitation).</p>	
History of establishment	Founded 2002 as Kplus Centre, since 2008 COMET K2 Centre
Selected company partners (max. 10)	Selected scientific partners (max. 5)
<ol style="list-style-type: none"> 1. AVL List GmbH 2. Magna Steyr Fahrzeugtechnik AG & Co AG 3. Siemens AG Österreich 4. Infineon Technologies Austria AG 5. Voestalpine 6. Volkswagen Konzern (VW, Audi, Porsche) 7. Daimler AG 8. NVIDIA Corporation 9. MAN Truck & Bus AG 10. Renault 	<ol style="list-style-type: none"> 1. Graz University of Technology 2. Joanneum Research Forschungsgesellschaft 3. Vienna University of Technology 4. Linz Center of Mechatronics 5. University of Salzburg
	Selected international partners ¹ (max. 5)
	<ol style="list-style-type: none"> 1. Technical University Berlin 2. Technical University Darmstadt 3. University of Oslo 4. Max Planck Institute for Biological Cybernetics 5. Swedish National Road and Transport Research Institute
Duration of the COMET-Centre	01 2018 – 12 2025 (8 years)
Staff employed at the Centre	170 FTE (thereof 135 scientists)
Total costs	1 st Funding period: EUR 48 Mio (4 years)
Management of the Centre	Dr. Jost Bernasch, Kompetenzzentrum – Das virtuelle Fahrzeug, Forschungsgesellschaft mbH, CEO
Contact:	Inffeldgasse 21a, 8020 Graz +43 316 873 9000 office@v2c2.at, www.v2c2.at

¹ Partners with headquarters outside Austria