

COMET: K1-Project

FTW	
Forschungszentrum Telekommunikation Wien	
Main location	Vienna
Other locations	-
Research programme	FTW concentrates on research and development of theories, algorithms and processes for the intelligent operation of future communication systems under real-time conditions, with the aim to ensure and advance (i) the quality of communications infrastructures, and (ii) the management of distributed data in infrastructures like telecommunications, intelligent transport, or intelligent energy.
Planned realisation and outcomes	
FTW will develop the innovation potential of the future communication systems to create the new level of achievable system complexity in a reliable way. The evolution of communication technologies is moving into new application and connectivity fields like transport and energy, driven by the increasing commodity of web technologies. Accordingly, FTW integrates all layers of future communication systems, ranging from physical layer, over link- and network- layer aspects, service architectures and service enablers, to user interfaces and user interaction.	
History of establishment	FTW Verein is an incorporated non-profit association under Austrian law established on December 21, 1998 with the goal to develop and implement a new model of cooperation between academia and industry for collaborative Research and Development. Also in 1998, the funding for the foundation of a research center within the competence center program <i>Kplus</i> was granted. In the year 2000 the foundation of the incorporated non-profit association FTW followed. With the successful application for the program-line K1 within the competence center program COMET in the year 2007, the funding for the next seven years was granted.
Selected company partners	Selected scientific partners
1. A1 Telekom Austria AG 2. Kapsch CarrierCom 3. Alcatel-Lucent 4. ASFINAG 5. Kapsch TrafficCom 6. EVN AG 7. Nokia Siemens Networks 8. Lantiq A 9. Infineon Technologies Austria AG 10. Siemens	1. Technische Universität Wien 2. Technische Universität Graz 3. Johannes Kepler Universität Linz 4. Universität Wien 5. VRVis Zentrum für Virtual Reality und Visualisierung Forschungs-GmbH
	Selected international partners ¹
	1. Aalborg University, Sweden 2. Institut Eurecom, France 3. ETH Zurich, Switzerland 4. Lund University, Sweden
Start Date	1.1.2008
Planned number of personnel	58 (thereof 48 researchers)
Total costs²	EUR 18.000.000
Leader of consortium:	FTW, Prof. Dr. Wolrad Rommel
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¹ Partners with headquarters outside Austria² First funding period: K1-Centres: 4 years, K2-Centers: 5 years;