

COMET-Project

CAMed	
Clinical Additive Manufacturing for Medical Applications	
Main location	Graz , Styria
Other locations	
Research programme	Human Medicine, Technical Science
Planned realisation and outcomes	
<p>The aim of the CAMed project is the development of a process chain for additive manufacturing of implants for various medical applications directly at the clinic to optimize patient treatment. The project brings together clinicians, medical scientists, engineers and industry partners in a tight network that is focused on the development of AM-based processes for the centralized clinical manufacture of custom-fit implants.</p>	
History of establishment	In the CAMed Project, 5 scientific and 11 company partners are cooperating to develop a process chain for the clinical application of various additive manufacturing technologies with different materials. The development of the process chain and the respective technologies is an important prerequisite for the establishment of a 3D-printing centre at the Medical University of Graz.
Selected company partners (max. 10)	Selected scientific partners (max. 5)
<ol style="list-style-type: none"> 1. Böhler Edelstahl GmbH & Co KG 2. CAE Simulation & Solutions Maschinenbau Ingenieurdienstleistungen GmbH 3. Hage Sondermaschinenbau GmbH & Co KG 4. Hofer GmbH & Co KG 5. Ionbond Austria GmbH 6. Lithoz GmbH 7. LSS – Laser Sinter Service GmbH 	<ol style="list-style-type: none"> 1. Medical University of Graz 2. Montanuniversitaet Leoben 3. Joanneum Research 4. Graz University of Technology
	Selected international partners ¹ (max. 5)
	<ol style="list-style-type: none"> 1. Arburg GmbH & Co KG 2. FARO Europe GmbH & Co KG 3. Heraeus Deutschland GmbH & Co KG 4. Quadrant EPP USA, Inc. 5. Max Planck Institute for Intelligent Systems
Start of the COMET-Project	01.10.2018 (4 years)
Number of personnel	12 (FTE) are involved (10 FTE are scientists)
Total costs	EUR 5.876.423
Leader of consortium:	Professor Ute Schäfer, Medical University of Graz, Leader of the Research Unit for Experimental Neurotraumatology & Scientific Leader of CAMed
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¹ Partners with headquarters outside Austria