

COMET-Project

DiMo	
Digital Motion in Sports, Fitness & Well-being	
Main location	City of Salzburg, Salzburg
Other locations	Herzogenaurach, Bavaria, D; Wattens, Tyrol, A; Altenmarkt, Salzburg, A; Bad Gastein, Salzburg, A; Schladming, Styria, A; Kaprun, Salzburg, A;
Research programme	DiMo focuses on human motion data analysis concentrating on assessing the quality of motion. The aim of the project is to measure and interpret motion and emotion through multi-sensor fusion - considering biomechanical, contextual and psychophysiological parameters.
Planned realisation and outcomes	
The research program covers three major topics: (1) motion data intelligence (human motion data analysis, psychophysiological data analysis, assessment of motion quality); (2) motion data interaction (communication, interaction, feedback learning); (3) demonstrators (custom / individual sports equipment, digital trainers). In particular, DiMo focuses on technological development for applications under real conditions.	
History of establishment	DiMo is formally a re-submission of the 6th COMET Call (2016) and builds upon the development of numerous regional and national collaborative research projects. For the first time, DiMo brings together a complementary international industrial and scientific consortium along Digital Sports' value chain.
Selected company partners (max. 10)	Selected scientific partners (max. 5)
1. ATOMIC Austria GmbH, A 2. D. Swarovski KG, A 3. Red Bull Media House GmbH, A 4. Schladming-Dachstein Tourismusmarketing, A 5. Sport Bründl, A 6. Gasteiner Kur- und Reha-GmbH, A	1. Salzburg Research Forschungsgesellschaft 2. University of Salzburg, Department of Sport Science & Kinesiology 3. University of Salzburg, Center for Human-Computer Interaction 4. École polytechnique fédérale de Lausanne, Interfaculty Institute of Bioengineering
	Selected international partners ¹ (max. 5)
	1. adidas AG, D
Start of the COMET-Project	2018 (4 years)
Number of personnel	10 (FTE) are involved (10 FTE are scientists)
Total costs	EUR 4.346.000 Mio.
Leader of consortium:	Univ.-Doz. Dr. Siegfried Reich, Director of Salzburg Research
Contact:	Jakob Haringer Straße 5/3, 5020 Salzburg +43.662.2288-0, siegfried.reich@salzburgresearch.at http://www.salzburgresearch.at

¹ Partners with headquarters outside Austria