

## COMET-Project

<b>DiMo</b>	
<b>Digital Motion in Sports, Fitness &amp; Well-being</b>	
<b>Main location</b>	City of Salzburg, Salzburg
<b>Other locations</b>	Herzogenaurach, Bavaria, D; Wattens, Tyrol, A; Altenmarkt, Salzburg, A; Bad Gastein, Salzburg, A; Schladming, Styria, A; Kaprun, Salzburg, A;
<b>Research programme</b>	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.
<b>Planned realisation and outcomes</b>	
The research program covers three major topics: (1) <b>motion data intelligence</b> (human motion data analysis, psychophysiological data analysis, assessment of motion quality); (2) <b>motion data interaction</b> (communication, interaction, feedback learning); (3) <b>demonstrators</b> (custom / individual sports equipment, digital trainers). In particular, DiMo focuses on technological development for applications under real conditions.	
<b>History of establishment</b>	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.
<b>Selected company partners</b> (max. 10)	<b>Selected scientific partners</b> (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
	<b>Selected international partners</b> <sup>1</sup> (max. 5)
	1. adidas AG, D
<b>Start of the COMET-Project</b>	2018 (4 years)
<b>Number of personnel</b>	10 (FTE) are involved (10 FTE are scientists)
<b>Leader of consortium:</b>	Univ.-Doz. Dr. Siegfried Reich, Director of Salzburg Research
<b>Contact:</b>	Jakob Haringer Straße 5/3, 5020 Salzburg +43.662.2288-0, siegfried.reich@salzburgresearch.at <a href="http://www.salzburgresearch.at">http://www.salzburgresearch.at</a>

<sup>1</sup> Partners with headquarters outside Austria