

IBU Research Grant Programme

Status 30.10.2024

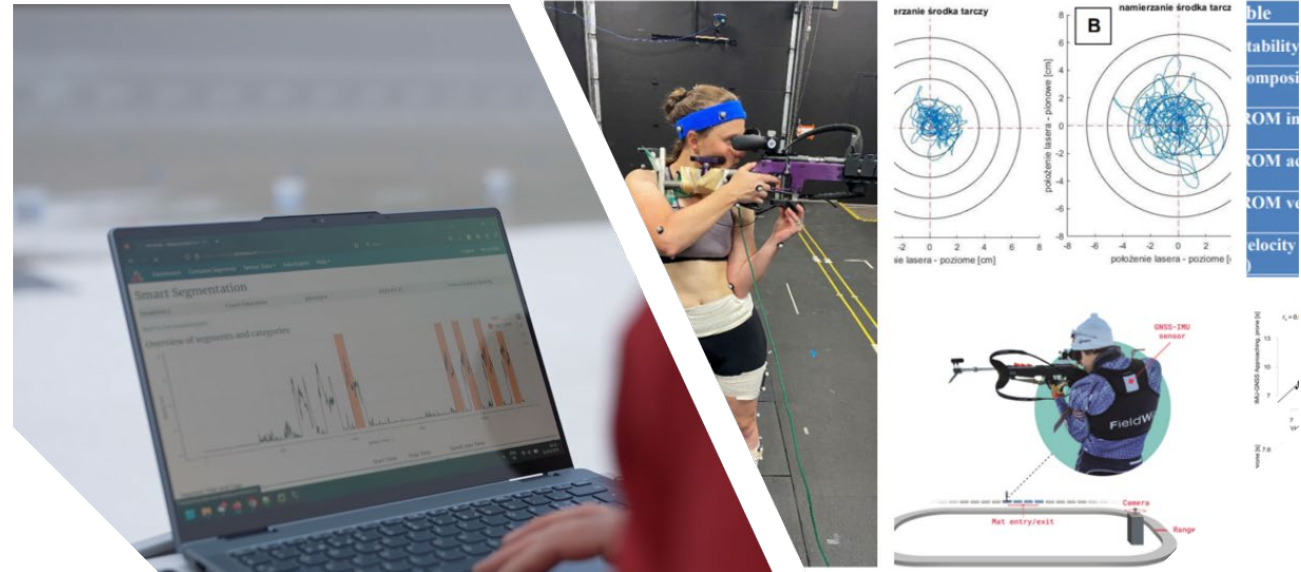
1.Total Funding: €189,707.89

2.Number of supported Projects: 14 completed projects, 3 on-going

3.Institutions involved: 15 unique universities/institutions all over the globe

4.Covered Research Areas:

- Physiology
- Skiing Performance
- Shooting Performance
- Psychological Factors
- Gender and Sport
- Long Term Development
- Technology
- Nutrition and Health



University/Institution	Research Project Title	Granted amount (€)	Status	Cycle
Mid Sweden University, Östersund, Sweden	Monitoring and managing menstrual cycle symptoms in high-performing female biathletes: a biopsychosocial approach	€ 15.000	On-going	2024/2025
Montana State University, Montana, USA	Physiologic and Biomechanical Effects of Manipulating Rifle Carriage Position (high vs low) and Harness Tightness	€ 8.760	On-going	2024/2025
Østfold University College, Halden, Norway	Supporting Gender Equity in Biathlon: An Exploration of Biathletes' Experiences of Menstruation	€ 20.000	On-going	2024/2025
AECC University College, Bournemouth, England	Understanding the Visual Requirements for Success in Biathlon and How They Withstand Fatigue and Mediate Shooting Performance	€ 10.000	Completed	2023/2024
Technical University Munich, Munich, Germany	Influence of Caffeine on Shooting Performance during and after a Simulated Biathlon Competition	€ 5.000	Completed	2023/2024
University of Alberta, Edmonton, Canada	Supporting Gender Equity in Biathlon: An Exploration of Biathletes' Experiences of Menstruation	€ 10.000	Completed	2023/2024
Northumbria University, Newcastle, United Kingdom	Pacing Behavior and Athlete Perceptions with and without Shooting in Highly Trained Biathletes	€ 10.000	Completed	2023/2024
University of Salzburg, Salzburg, Austria	Assessing the Impact of Trigger Control on Shooting Performance and the Feasibility of Recoil Simulation for Training in Biathlon	€ 15.000	Completed	2023/2024
AECC University College, Bournemouth, England	Psychophysiological Interventions in Biathlon	€ 10.250	Completed	2022/2023
Swiss Federal Institute of Sport, Magglingen, Switzerland	Resting Metabolic Rate and Exercise Energy Expenditure in Swiss Elite Biathletes	€ 10.000	Completed	2022/2023
Mid Sweden University, Östersund, Sweden	The Application and Utility of Wearable Sensors for Athlete Monitoring in Biathlon	€ 9.250	Completed	2022/2023
Norwegian School of Sport Science, Oslo, Norway	High-Level Biathletes with a Fast-Start Pacing Pattern Improve Time-Trial Skiing Performance by Pacing More Evenly	€ 10.250	Completed	2022/2023
Nord University, Bodo, Norway	Long-Term Development of Training Characteristics in Elite Junior and Senior Biathlon Athletes	€ 10.250	Completed	2022/2023
Academy of Physical Education, Katowice, Poland	The Influence of Balance Training and Mindfulness Training on Shooting Performance in Young Biathletes	€ 6.900	Completed	2021/2022
Faculty of Sport and Health Sciences, University of Jyväskylä, Finland	Validity of an Automated GNSS-IMU System in Temporal Biathlon Range Work Analysis	€ 19.955,89	Completed	2021/2022
Department of Health and Human Development, Montana State University, USA	Role of Core Stability and Dynamic Balance in Standing Shooting Performance	€ 9.092	Completed	2021/2022
Finnish Institute of High Performance Sport KIHU, Finland	Prevalence, Consequences, and Prevention of Relative Energy Deficiency in Sport in Finnish Elite Male Athletes (NO-REDS-STUDY)	€ 10.000	Completed	2021/2022