

**Title:**

WIR! – SmartERZ SMART BOARD – TP1.6: Smart Sensor

**Brief description:**

With the help of a sensor system, learning a sport shall be made easier. Especially in the field of board sports such as snowboarding, the position, deflection and acceleration of the product is of interest both for learning to ride as well as learning tricks. The transfer to the furniture construction sector is already planned within the project period via research into SMART-display cases with integrated sensor technology.

**Motivation:**

- Increasing the safety of sports equipment
- Improved learning and handling of sports equipment

**Objectives:**

- Integration/application of sensor technology in the production cycle
- Monitoring and determining the spatial locations of defined board zones

**Duration:**

March 01, 2024 to December 31, 2025

**Funding and project sponsor:**

ptj; BMBF

**Partners:**

Technical University of Chemnitz, Chemnitz  
Visual World GmbH, Chemnitz  
Schilderwerk Beutha GmbH, Stollberg

**Contact person:**

Norbert Schramm, [norbert.schramm@lse-chemnitz.de](mailto:norbert.schramm@lse-chemnitz.de)

