



**Priority axis:** 1 Economy, Innovation, Modern Technologies

**Activity:** 1.1 Research and development of project by companies

**Project type:** 2 Research and development projects aimed on implementation of the results of the R&D in business activity

**Name of the project:** Drive module consisting of an inverter, converter, controller, power supplies for auxiliary units to cooperate with soft voltage sources as fuel cells.

**Project number:** RPZP.01.01.00-32-0013/19

**Value of the project (PLN):** 8 654 593,83 PLN PLN

**Amount of funding (PLN):** 4 580 436,78 PLN PLN

**Purpose of the project:** Development of an innovative technological product, drive module consisting of an inverter, converter, power supplies for auxiliary units to cooperate with soft voltage sources as fuel cells.

**The planned effect of the project:** Result of the project will be a drive module based on the newest semiconductor which is made of silicon carbide (SiC). Drive module will be controlled by a microprocessor using our optimized algorithms. The drive module will give a possibility to power and control electrical machines used in vehicles with electric drive, and it will be ready to implementation