

Contact

Technical University of Ostrava
17. listopadu 2172/15
708 00 Ostrava – Poruba
info.cbe@vsb.cz

Partners:



VSB TECHNICAL
UNIVERSITY
OF OSTRAVA

FACULTY OF ELECTRICAL
ENGINEERING AND COMPUTER
SCIENCE

DEPARTMENT OF CYBERNETICS
AND BIOMEDICAL ENGINEERING

RESEARCH AND DEVELOPMENT OF THE INTELLIGENT STEAM VALVE



MINISTRY OF
INDUSTRY AND TRADE



EVROPSKÁ UNIE
Evropský fond pro regionální rozvoj
OP Podnikání a inovace
pro konkurenceschopnost

[instagram.com/kkbi.vsb.cz](https://www.instagram.com/kkbi.vsb.cz)
[facebook.com/kkbi.vsb.cz](https://www.facebook.com/kkbi.vsb.cz)



Duration:
01/2021
05/2023

The project is focused on the innovation of the steam valve, resp. a blower used to clean the heat exchange surfaces of boilers. The main goal of the project is the implementation of industrial research and experimental development of an intelligent steam valve, which will be equipped with HW equipment to measure the parameters needed to evaluate maintenance prediction, steam savings and equipment accident prevention. The output will be a prototype of an intelligent valve, software for a monitoring system and proven testing and calibration technology.

SUPPORTED BY
MINISTRY OF INDUSTRY AND TRADE

PROJECT NUMBER
CZ.01.1.02/0.0/0.0/20_321/0024367