

# REPORT ON „FROM RADON MEASUREMENTS TO OPTIMIZED MITIGATION“ TRAINING COURSE IN PRAGUE, CZECH REPUBLIC

This training course was organized by the National Radiation Protection Institute (SURO) and the Faculty of Civil Engineering of the Czech Technical University from 4- 16<sup>th</sup> May, 2025. The training aimed to provide participants with in-depth information on various pathways that lead to radon entry into buildings, the different methods employed in soil gas and radon measurements, preventive measures, protection of buildings against radon from soil, and the mitigation techniques that can be used to reduce radon concentrations in indoor environments. The training was conducted on both theoretical and practical bases. The practical aspects included visits to laboratories and successfully mitigated houses, and measurements of soil radon gas, indoor radon concentrations, and ambient gamma dose rates in a house.

The training was impactful and equipped me with an extensive understanding of the issues related to radon and the requisite skills to address them. I have gained knowledge and experience on how to perform short-term measurements and radon diagnostics on a building. The insight gained will be integrated into my research to address the challenges associated with radon measurements and monitoring in my research. Also, I will be able to conduct precise measurements and properly evaluate the acquired data to explain the behaviour of radon in an environment and make appropriate recommendations.

My sincere appreciation to PIANOFORTE for the travel grant support to participate in this training course. Your support has allowed me to gain knowledge and also engage and establish connections with experts and colleagues in the field. Thank you.



Lecture sections at SURO



Ready for radon measurement in a house