

Investigating the potential of citizen science for effective radon measurement and mitigation

Consultation co-organised by SHARE, H2020 RadoNorm project and IAEA

Date: 2nd of September, 2020 | 15.00 – 16.30

Citizen science — an approach whereby citizens actively contribute to the generation of knowledge about important research questions — is gaining increased attention in research and policy communities. Recent years have seen an expansion in the scale of citizen science activity globally, as well as an increase in the diversity of ways in which citizens can contribute to research endeavours. Citizen science has already been successfully used in many countries to collect data for radon mapping.

This consultation will analyse existing and emerging citizen science initiatives and will explore the potential for designing a citizen science model which supports radon measurement technology development and improved mitigation activities by citizens. We will also ask the question: what is the potential for citizen science to support effective radon measurement and mitigation? The contribution of citizen science to the development of efficient and targeted radon risk communication is another area with high potential that will be considered.

The speakers and discussants in this consultation (tbc) are experts from research and practice related to citizen science in general and radon citizen science projects.

The European Citizen Science Association (ESCA) (tbc)

- *Setting the scene on what is citizen science, how to launch citizen science initiatives, challenges and opportunities and the role of ESCA*

University of Leuven, Belgium (tbc)

- *Involvement of citizens in the biggest citizens' investigation into air pollution ever: lessons learned from the Curious Noses project*

Environmental Protection Agency (EPA) of Ireland

- *Citizen science initiatives for radon testing homes in Ireland*

Taking Citizen Science to School (TCSS), Technion University Israel Institute of Technology, Israel (tbc)

- *Citizen science initiatives for radon testing homes in Israel*

University of Calgary, Canada (tbc)

- *Evict Radon: a citizen science-based research project to encourage radon testing in Canada*

European Radon Association (ERA) (tbc)

- *Possibilities and limitations of citizen science related to radon measurements and mitigation*

Moderator: **Dr. Meritxell Martell, MERIENCE**

Chat moderator: **Dr. Tanja Perko, SCK CEN**