

## AGENDA FOR THE CONSULTATION on:

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

2<sup>nd</sup> September 2020, 15:00 – 17:00

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

This consultation aims to share experience on the existing and emerging citizen science initiatives on radon measurements. As part of the H2020 RadoNorm we would like to explore with you what is the potential for citizen science to support effective radon measurement and most importantly, mitigation actions.

15:00 – 15:05	<b>Dr. Meritxell Martell – Merience and SHARE Secretary</b> - Introduction
15:05 – 15:15	<b>Prof. Muki Haklay – UCL and European Citizen Science Association (ECSA)</b> - <i>Considerations for designing citizen science projects and the role of ECSA</i>  Prof. Haklay will provide an overview of different forms of citizen science. This will be followed by examining what is considered as citizen science, based on the European Citizen Science Association (ECSA) work on defining the characteristics used to consider what is and what is not citizen science and what are the best practices and the 10 principles of citizen science as defined by ECSA. Muki has some knowledge of radon and the challenges of involving citizens in radon measurement and mitigation, from his past studies on public access to environmental information.
15:15 – 15:25	<b>Dr. Camille Allonsius - University of Antwerp, Belgium</b> - <i>Involvement of citizens in the biggest citizens' investigation into air pollution ever: lessons learned from the Curious Noses project</i>  Dr. Allonsius will talk about how citizens were involved in the Curious Noses initiative, the success factors and lessons learned from this project. The project will have a follow up in different parts of Belgium in 2021.
15:25 – 15:35	<b>Ms. Stephanie Long, Environmental Protection Agency (EPA) of Ireland</b> - <i>Citizen science initiatives for radon testing and remediation of homes in Ireland</i>  Ms. Long will give an overview of citizen science projects that have focused on radon testing and planned work with Behavioural Economists to increase testing rates. Stephanie will also talk about a pilot collaboration between the EPA and a library to encourage radon remediation by citizens in Ireland.
15:35 – 15:45	<b>Prof. Konstantin Kovler, Technion - Israel Institute of Technology and Taking Citizen Science to School (TCSS) research centre, Israel</b> - <i>Citizen science initiatives for radon testing homes in Israel</i>  Prof. Kovler will explain the collaboration of the University of Haifa and Technion with schools, with the approval of the ministry of education and municipalities to promote screening tests of radon (3-6 days) by means of the "RadonTest" online system. How to involve children, the sampling and the short-term method of radon adsorption in activated charcoal will be briefly introduced.

<b>15:45 – 15:50</b>	<b>Coffee break</b>
15:50 – 16:00	<p><b>Dr. Aaron Goodarzi, Charbonneau Cancer Institute, University of Calgary, Canada</b>  <i>Evict Radon: a citizen science-based research project to understand and solve Canada's radon problem</i></p> <p>Dr. Goodarzi will outline the Canadian experience(s) of raising radon awareness, improving radon testing and mitigation uptake in the general population, and fuelling interdisciplinary radon research using a citizen science-based approach. Engaging dynamically with citizen participants, adhering strictly to research standards and liaising with key community stakeholders are some of the important issues that Aaron will touch upon.</p>
16:00– 16:10	<p><b>Dr. Bernard Collignan, Scientific and Technical Center for Building (CSTB), France –</b>  <i>Potential for citizens to remediate themselves or through professionals : the French campaign in dwellings</i></p> <p>Dr. Collignan will talk about his experience as a professional in the field of remediation and the possibilities of citizens to remediate radon themselves or to have a professional to help them. He will illustrate his findings by presenting the results of a campaign conducted in France a few years ago.</p>
16:10 – 16:20	<p><b>Dr. José Luis Gutiérrez Villanueva - European Radon Association (ERA) -</b> <i>Possibilities and limitations of citizen science related to radon measurements and mitigation</i></p> <p>Dr. Gutiérrez will have a more critical standpoint by reflecting on the limitations of some of the on-going citizen science initiatives for measurement and remediation (e.g. cultural differences, GDPR, level of public awareness, etc).</p>
16:20 – 16:50	Discussion
16:50 – 17:00	<p>Concluding remarks  <b>Dr. Mandy Birschwilks</b>, RadoNorm project, BfS representative  <b>Dr. Olga German</b>, IAEA</p> <p><b>Chat moderator:</b> Joke Kenens, SCK CEN</p>