



## MetroRADON Workshop

# **Harmonisation of radon measurement methodologies and radon priority areas**

Tuesday, 25 February 2020

**9:00 - 9:15 Welcome** (BEV, AGES)

9:15 - 9:45 H. Wiedner, M. Stietka: *MetroRADON project – Overview*

### **Workpackage WP 2 – Influence of thoron and its progeny on radon end-user measurements and radon calibrations**

Chairs: D. Pressyanov, M. Stietka

9:45 - 10:05 D. Pressyanov: *Overview of WP2 activities*

10:05 - 10:30 K. Mitev: *Recent results of the tests of thoron influence on active monitors*

#### **10:30 - 11:00 Coffee break**

11:00 - 11:25 I. Dimitrova: *Results for the influence of thoron on the passive radon detectors*

11:25 - 11:50 K. Mitev: *A method for Reduction of thoron –related bias in the radon signal of existing monitors based on packing in polymers and differential measurements*

11:50 - 12:15 D. Pressyanov: *Beyond state of the art within WP2: A module to compensate the temperature dependence of radon sensors + thoron interference + moisture/humidity influence*

12:15 - 12:30 D. Pressyanov: *The problem with the thoron interference and the solutions we can propose*

12:30 - 13:00 Discussions Workpackage WP 2

#### **13:00 - 14:00 Lunch**

### **Workpackage WP 3 – Comparison and harmonisation of radon measurement methodologies in Europe**

Chairs: G. Cinelli, I. Celikovic

14:00 - 14:10 G. Cinelli: *Overview of WP3 activities*

14:10 - 14:30 I. Celikovic: *A literature overview of indoor radon surveys in Europe*

14:30 - 14:50 C. Carpentieri, R. Trevisi, G. Cinelli: *Results of analysis of MetroRADON questionnaire data on indoor radon surveys*

14:50 - 15:10 B. Burghelle, A. Cucos, K. Szacsvai: *The local aspects of indoor radon's temporal variability*

15:10 - 15:30 P. Bossew: *The MetroRADON questionnaire on geogenic radon surveys*

#### **15:30 - 16:00 coffee break**

16:00 - 16:30 D. Pressyanov: *The CD/DVD method within MetroRADON and beyond*

16:30 - 17:00 C. Fernandez: *MetroRADON Intercomparison of indoor radon measurements under field conditions*

17:00 - 17:30 Discussions Workpackage WP 3

**Wednesday, 26 February 2020**

**Workpackage WP 4 – Radon priority areas and the development of the concept of a geogenic radon hazard index**

Chair: E. Petermann, J.L. Gutiérrez-Villanueva

9:00 - 9:20 P. Bossew: *Objective of WP4 and its position in Metro Rn*

9:20 - 9:40: R. Trevisi & F. Leonardi: *Study on possible different distributions of indoor radon levels in dwellings and workplaces: preliminary results*

9:40 - 10:00 C. Greau, C. Sainz, G. Ielsch: *Estimation of Rn priority areas based on Rn extremes, with case studies in France and Spain*

10:00 - 10:20 V. Gruber, S. Baumann: *The radon mapping exercise*

10:20 - 10:40 C. Greau, C. Sainz, G. Ielsch: *Harmonization of radon priority areas across borders: focus on some West European borders*

**10:40 - 11:10 Coffee break**

11:10 - 11:40 G. Cinelli: *Overview of radon maps and data in Europe: differences and challenges for harmonization.*

11:40 - 12:00 G. Ciotoli & P. Bossew: *The geogenic radon hazard index*

12:00 - 12:15 J.L. Gutiérrez-Villanueva, G. Cinelli, V. Gruber, P. Bossew: *Impressions of WP 4*

12:15 - 12:30 Discussions WP4

**MetroRADON Impact and Exploitation**

12:30 - 13:00 V. Gruber: *Impact and Exploitation of MetroRADON*

**13:00 - 14:00 Lunch**

14:00 - 15:00 **Group discussions**

*“MetroRADON results – impact, exploitation, open topics and questions, possible future research”*

**15:00 - 15:30 Coffee break**

15:30 - 16:30 Presentations/Summary of group discussions (discussion group leaders)

16:30 - 17:00 Summary, conclusion, outlook (WP-leaders, BEV, AGES)