



M27 Meeting

EMPIR 19ENV01 traceRadon

20th September, 9:45 – 16:40

Link to the event: <https://classroom.google.com/c/MTY0MzQxOTQwMjE0?cjc=ateklhy>

AGENDA

9:15 – 09:45	Testing Web-conference and registration	
9:45 – 09:50	Welcome – Short introduction Arturo Vargas (INTE Director), UPC	
9:50 – 10:00	Welcome – Annette Röttger (Project coordinator), PTB	
WP1: Traceable measurements of outdoor radon activity concentrations		
10:00 – 11:00	Overview of WP1 D2 summary	Stefan Röttger, PTB (5min) Tanita Balle, PTB (10 min)
	Overview of low-level 222Rn measurement intercomparisons with Transfer Standard radon monitors	Marta Fuente, UVSQ (15min)
	Sources of uncertainty for ANSTO and ARMON radon monitors and scope for improvement	Roger Curcoll (UPC) and Scott Chambers (ANSTO) (15 min)
	Questions and Discussions	All (15 min)
WP2: Radon flux measurements		
11:00 – 12:00	Overview of WP2	Claudia Grossi, UPC (15 min)
	Comparison of observed soil moisture and temperature with ERA5-Land and GLDAS-Noah reanalysis	Dafina Kikaj, NPL (10 min)
	Traceability chain of continuous radon fluxes: where we are and next steps	Claudia Grossi (10 min)
	Radon Tracer Method sensitivity study	Camille Yver, UVSQ (10 min)
	Questions and Discussions	All (15 min)
12:00 – 12:45	Lunch break	

WP3: Validation of radon flux models and inventories using radon flux and terrestrial data		
12:45– 13:45	Overview of WP3	Ute Karstens, LUND (10 min)
	Development of a high-resolution process-based radon flux map for Europe: challenges and uncertainties	Ute Karstens (15 min)
	Radon flux calculations from dosimetric monitors and gamma-spectrometric detectors	Arturo Vargas and Claudia Grossi (15 min)
	Questions and Discussions	All (20 min)
WP4: Radon and radon flux in maps for radiation protection issues		
13:45 – 14:45	Overview of WP4	Giorgia Cinelli, ENEA (10 min)
	Literature review on the use of radon flux for radiation protection purposes	Igor Celikovic, VINCA (10 min)
	Using outdoor Radon to predict Radon risk	Sebastian Baumann , AGES (10 min)
	Review methods for estimating radon wash-out peaks. Proposal of a first comparison exercise.	Arturo Vargas (10 min)
	Questions and Discussions	All (20 min)
14:45 – 15:00	Break	
WP5: Creating impact		
15:00 – 15:30	WP5: Creating impact at M27	Garry Hensey, NPL
WP6: Management and coordination		
15:30 – 16:30	Task 6.1 Project management	Annette Röttger, PTB
	Task 6.2 Project meetings	PTB, all partners
	Task 6.3 Project reporting	PTB, all partners
	M27 Reporting: Progress Reports, Impact and Output	
	Reports: Preparation of next general meeting	
16:30 - 16:40	Closing Remarks	