



# Overview of WP3 activities

## Comparison and harmonization of radon measurement methodologies in Europe

**European Radon Week 2020\_MetroRADON workshop**



*Giorgia Cinelli*  
*25 February 2020, Vienna*

# Partners

- **AGES**, Oesterreichische Agentur fuer Gesundheit und Ernaehrungssicherheit GmbH (Austria)
- **BFKH**, Budapest Főváros Kormányhivatala (Hungary)
- **BfS**, Bundesamt fuer Strahlenschutz (Germany)
- **IRSN**, Institut de Radioprotection et de Surete Nucleaire (France)
- **JRC**, Joint Research Centre - European Commission(Italy)\_**WP leader**
- **SUBG**, Sofiiski Universitet Sveti Kliment Ohridski (Bulgaria)
- **UC**, Universidad de Cantabria (Spain)
- **VINS**, Institut Za Nuklearne Nauke Vinca (Serbia)

# Collaborators

- **UNSPMF**, University of Novi Sad, Faculty of Sciences, Department of Physics (Serbia)
- **INAIL (Italy)**, Istituto Nazionale per l'Assicurazione contro gli Infortuni sul Lavoro, Rome (Italy)
- **COIMBRA**, Universidade de Coimbra (Portugal)
- **Radonova Laboratories AB**, (Sweden)
- **ISS**, Italian National Institute of Health, National Center for Radiation Protection and Computational Physics, Rome (Italy)
- **QST/NIRS**, Chiba (Japan)
- **UBB**, Babeş-Bolyai University (Romania)

**Great Interest...number comparable with the partners!**

# Aims

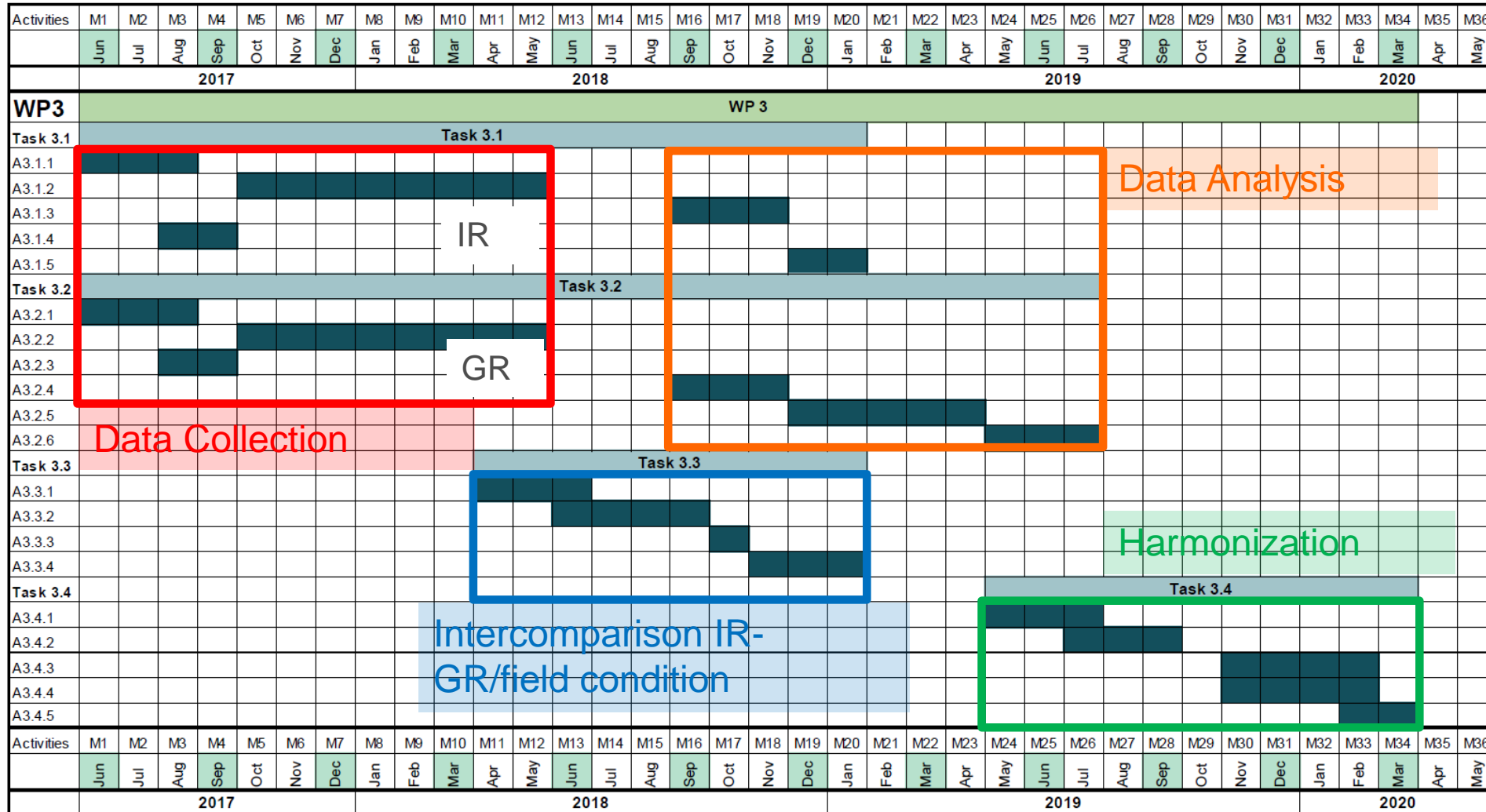
1. to collect and analyse meta-information from radon surveys and existing radon databases in European countries
2. to evaluate if the data and methodologies are comparable
3. to identify how they could be harmonised in the event of methodical inconsistency. Moreover this WP will evaluate which data are useful for different purposes such as the evaluation of workplaces, preventive measures, estimation of population dose caused by radon etc

# Tasks

- **Task 3.1:** Overview and analysis of indoor radon surveys in Europe
- **Task 3.2:** Overview and analysis of geogenic radon surveys in Europe
- **Task 3.3:** Intercomparisons of indoor radon and geogenic radon measurements under field conditions
- **Task 3.4:** Development of options for harmonisation of indoor and geogenic radon data including practical examples

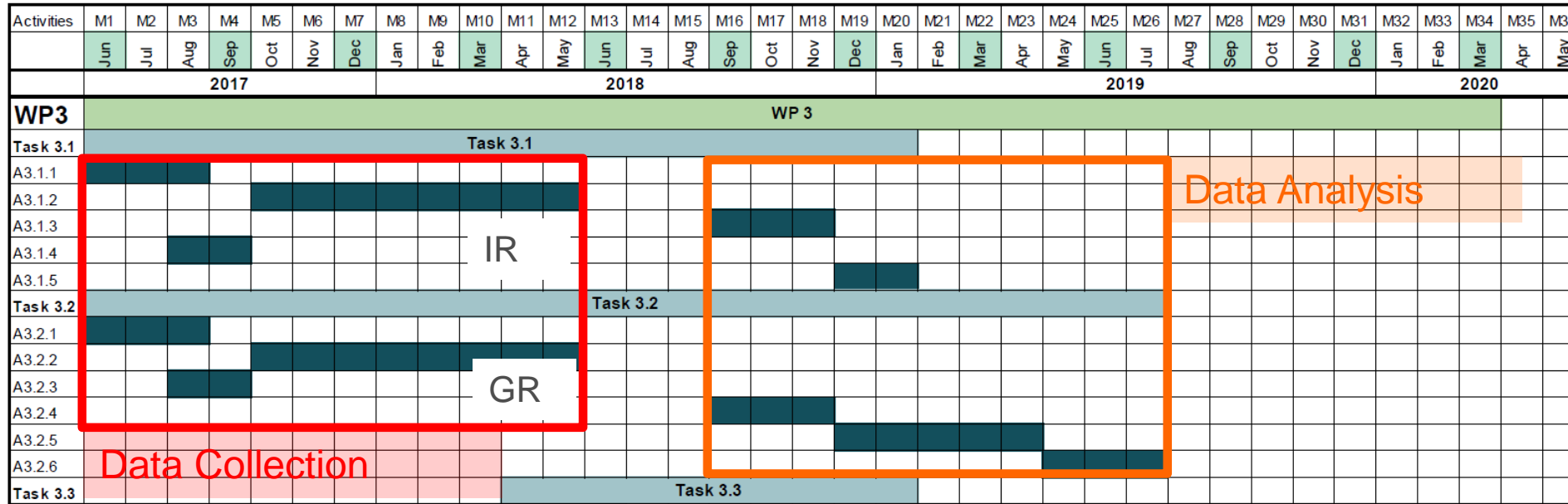
# Gantt chart WP3

EMPIR



# Gantt chart WP3

EMPIR



Data Analysis

Data Collection

IR

GR

- I. Celikovic: A literature overview of indoor radon surveys in Europe
- C. Carpentieri, R. Trevisi, G. Cinelli: Results of analysis of MetroRADON questionnaire data on indoor radon surveys
- B.Burghele, Cucos, Szacvai: The local aspects of indoor radon's temporal variabilitytroRADON
- P. Bossew: The MetroRADON questionnaire on geogenic radon surveys
- D. Pressyanov: The CD/DVD method within RADON and beyond

# Gantt chart WP3

EMPIR

Activities	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
	2017							2018							2019							2020														
<b>WP3</b>	WP 3																																			

- C. Fernandez: MetroRADON Intercomparison of indoor radon measurements under field conditions

**Harmonization**, strong link with **WP4** (dedicated session tomorrow 26 February 2020)

<b>Task 3.3</b>	Task 3.3																																			
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	2017							2018							2019							2020														



# Keep in touch



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# Thank you



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