

# **HERCA pre-workshop event on Radon National Action Plan - Closing -**

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**Online event**

# Concluding remarks

- ❑ From the public health perspective, radon caused lung cancer is preventable
- ❑ International organizations included the topic of radon in the different available publications (EC, IAEA, WHO)
- ❑ International organizations continue with initiatives and supportive actions for radon level reduction and coping with different radon issues (surveys, databases, studies, webinars, projects, training materials...)
- ❑ Directive 2013/59/EURATOM - radon requirements, NRAP
- ❑ **National Radon Action Plan** – an important tool for ensuring practical implementation of the diverse actions at national levels
- ❑ EU member states: transposition and implementation
- ❑ Evaluation – assessing the implementation into practice

# Concluding remarks

- ❑ Sharing experience on different topics within NRAP is of importance as countries are at different stages of implementation of activities
- ❑ Radon prevention in the new buildings, approach to radon in workplaces and radon risk communication, and raising awareness and engagement level are examples of the important issues where sharing of lessons learned is of high importance
- ❑ Evaluation of taken measures is necessary for consideration of effectiveness, further actions, and in the decision making on recommended vs legally binding, compulsory approach
- ❑ Considerations and evaluations of these and additional radon issues will continue in the

**2<sup>nd</sup> HERCA NRAP workshop, 21-23 Sept 2021**

# Questionnaire results

- The pre-workshop event participants from 30 countries
  - Austria, Croatia, Estonia, Finland, France, Germany, Greece, Italy, Latvia, Lithuania, Luxembourg, Romania, Slovak Republic, Spain, Sweden, Norway, Switzerland, UK, + 2 non-European countries

\*the questionnaire results must be analyzed with respect to the different countries, otherwise can cause incorrect conclusions

# Questionnaire results

- ❑ Performance indicators to assess the impact of NRAP
  - Almost equal number of Yes and No answers
- ❑ Implementation of NRAP – with steering committee
  - 2/3 answered positive

# Questionnaire results

- The reference level for Rn for dwellings and workplaces in your Country
  - 100 Bq/m<sup>3</sup>, 200 Bq/m<sup>3</sup> – only limited number of answers
  - 300 Bq/m<sup>3</sup> – great majority of answers
  - small % answering other values

# Questionnaire results

- ❑ Decline in the mean radon exposure due to the efforts in the past decades to control radon and the implementation of the NRAP
  - only few positive answers
  
- ❑ Authorities in cooperation for issues related to radon
  - radiation protection authority
  - public health authority
  - work safety authority
  - regional and municipal authority
  - accreditation authority
  - other

# Questionnaire results

## Remediation rate in your country

- Based on majority of answers (22 answers) remediation rate is 0-20%, only 3 answers marking rate 40-60%



# Questionnaire results

- ❑ Available international publications (EC, WHO, IAEA)
  - different rates for provided documents – but in general good knowledge

# Invitation – HERCA RNAP follow-up workshop, 21-23 September 2021, Romania



- ❑ Directive 2013/59/EURATOM requires NRAP
- ❑ Follow-up of the first workshop in 2014 (Paris)
- ❑ Objectives
  - exploring the progress made
  - sharing best practices, problems encountered, lessons learned
  - discussing metrics to assess the impact

## Presentations and break-out sessions

- NRAP performance indicators,
- Graded approach at workplaces,
- Engagement and role of stakeholders



- ❑ Open to HERCA members and other national authorities



**Thank you for your participation  
and attention!**