

## The aims of the workshop are

- to gather participants of the REM 2019 gross-alpha/beta activity in drinking water exercise and discuss related hot topics
- to improve the level of radiation monitoring in Europe to ensure the health and safety of citizens

## Workshop topics:

- REM2019 Proficiency Test evaluation
- Presentation by participants
- Quality assurance, proficiency tests in Europe
- Best practice, method harmonisation and standardisation efforts
- General staff issues in Europe: resources, trainings, “next-generation”
- JRC future policy support activities

The events are free of charge.

The workshop and training course comprises of presentations on the REM 2019 gross-alpha/beta activity in drinking water exercise, gross-counting measurement techniques and other auxiliary concepts.

The lectures are aimed for laboratory staff dealing with radioactivity measurements but can be followed by anyone having a basic understanding of radioactivity and its measurement techniques.

## Workshop responsible

Viktor Jobbágy  
E-mail: viktor.jobbagy@ec.europa.eu

## Local organiser and contact

Leigh Friggens  
E-mail: jrc-g2-secretariat@ec.europa.eu

### JRC Mission

As the science and knowledge service of the European Commission, the Joint Research Centre’s mission is to support EU policies with independent evidence throughout the whole policy cycle.

### The European Commission’s science and knowledge service

Joint Research Centre



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Joint Research Centre



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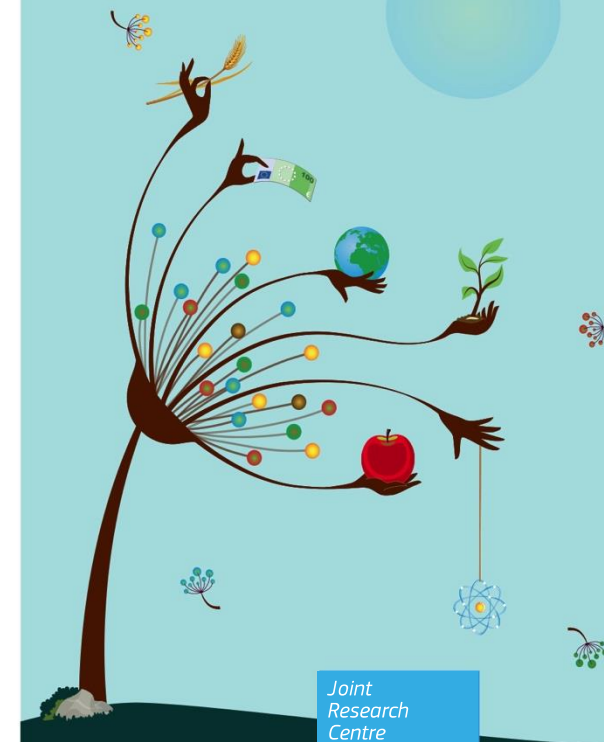


European  
Commission

## Virtual-Workshop on REM2019 PT gross-alpha/beta activity measurements in drinking water

Programme

Organised by JRC-Geel (Belgium)  
4-6 May 2021



Joint  
Research  
Centre

# Virtual- Workshop on REM2019 Proficiency Test on gross-alpha/beta activity in drinking water organised by JRC-Geel, 4-6 May 2021

## Day 1: REM2019 Proficiency Test

Chair: Mikael Hult

09:00-15:00, 4 May 2021

- 9:00 Welcome, general announcements  
Viktor Jobbágy, Mikael Hult, Leigh Friggens
- 9:05 Opening speech  
Arjan Plompen, European Commission, Joint Research Centre, Belgium, Unit Head
- 9:15 Introduction of the Radionuclide Metrology (RN) team  
Mikael Hult, European Commission, Joint Research Centre, Belgium, Team Leader
- 9:30 REM2019 PT: preparations and results  
Viktor Jobbágy, European Commission, Joint Research Centre, Belgium, PT coordinator
- Virtual tour of the JRC's reference material processing hall  
Håkan Emteborg, European Commission, Joint Research Centre, Belgium, Team Leader
- 10:30 Break
- 10:45 REM2019 PT: preparations and results continues  
Method used at SCK·CEN to determine the reference values for gross alpha/beta activity in waters  
Edmond Dupuis, Belgian Nuclear Research Centre (SCK·CEN), Belgium, Laboratory head for gross Alpha-Beta activity measurements
- 12:15 Lunchbreak
- 13:15 REM2019 PT: Results and Discussions
- 14:15 Break
- 14:25 Questions, discussions
- 15:00 Closure Day 1

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## Day 2: Topical discussions, presentations

Chair: Katarzyna Sobiech-Matura

09:00-12:30, 5 May 2021

- 9:00 Welcome, general announcements  
Katarzyna Sobiech-Matura, Mira Van De Lucht
- 9:05 Vesa Tanner, Directorate General for Energy, European Commission, Luxembourg  
Update on recent Commission activities on environmental radioactivity monitoring
- 9:35 Ulf Jacobsson, European Commission, Joint Research Centre, Belgium  
One PT, three standards
- 9:55 Ileana RADULESCU, Department of Radioisotopes and Radiation Metrology, IFIN-HH, Romania  
Gross alpha/beta measurements in drinking water: participation in PTs
- 10:15 Break
- 10:30 Jasmina Kozar-Logar, Jožef Stefan Institute, Slovenia  
1. Different approaches, the same goal - similarities and differences between JRC and IARMA PTs  
2. Is participation on PT good opportunity to choose the most appropriate analytical procedure?
- 11:10 Maurizio Forte, ARPA-Lombardia, Centro Regionale di Radioprotezione, Italy  
An LSC based standard method for GAB determination: evaluation of performances by PT and collaborative studies
- 11:50 Questions, discussions, networking
- 12:30 Closure Day 2

# Virtual- Workshop on REM2019 Proficiency Test on gross-alpha/beta activity in drinking water organised by JRC-Geel, 4-6 May 2021

## Day 3: Topical discussions, presentations

Chair: Viktor Jobbágy

09:00-12:30, 6 May 2021

- 9:00 Welcome, general announcements  
Viktor Jobbágy, Leigh Friggens
- 9:05 Giorgia Cinelli, European Commission, Joint Research Centre, Italy  
European Atlas of Natural Radiation publication: an overview of natural radionuclides in water
- 9:35 Katarzyna Sobiech-Matura, European Commission, Joint Research Centre, Belgium  
Results of a European questionnaire on radioactivity in food measurements
- 10:05 Questions, discussions
- 10:15 Break
- 10:30 JRC activities, announcements
- 10:45 Questions, discussions, networking
- 12:30 Closing remarks