

## MOBILITY MISSION REPORT

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**KLIKNETE NEBO KLEPNETE SEM A ZADEJTE TEXT.**

### MISSION TITLE

Attendance at the EURAD Final Annual Event celebrated in Bucharest (Romania) from 23 to 25 April 2024.

### DESCRIPTION

#### Concerned organisations

- Energy, environment and technology research centre (CIEMAT, Spain)

#### Concerned infrastructures or facilities

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#### Concerned phases

## Themes and topics

- Theme 1: Managing implementation and oversight of a radioactive waste management programme
  - o Programme planning
  - o Organisation
  - o Resources

## Keywords

EURAD, Final Annual Event; Research, Student.

## EXECUTIVE SUMMARY

I participated to the EURAD Final Annual Event where I could present my latest results related to WP 15, in poster format.

My research focused on the impact of gamma radiation on the surface properties and structure of bentonite at the clay/container interface. The reception of my work was positive with constructive comments opening up new perspectives for future research.

The conference brought together researchers from various countries, all focused on radioactive waste management. The plenary sessions and workshops provided a broad overview of the challenges and solutions in the field, allowing me to broaden my knowledge and better understand the global context of our work.

A valuable aspect of the congress was the opportunity to network with other experts. These interactions facilitated the exchange of ideas in our area of study.

I am looking forward to the development of the new EURAD 2 project. The preliminary presentations on its objectives and approaches were encouraging. I am confident that this project will continue to make significant progress. I look forward to actively participating in EURAD 2 and contributing with my future research.

In conclusion, my participation in the final conference of the EURAD project was an enriching experience. Presenting my results, learning from other experts and establishing professional contacts was rewarding.

## 1. MISSION BACKGROUND

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### 1.1. R&D background

Before starting my thesis, during my undergraduate studies, I already had an interest in nuclear chemistry and it was this that led me to want to start related research.

When I started my thesis in December 2022, my supervisors started to introduce me to the broad field of study of radioactive waste management and introduced me to the European radioactive waste management project EURAD, involving me from the very beginning.

I find it rewarding to study and research within this project as it is a real global issue. I hope that for the rest of the remaining years of my PhD I will continue to be immersed in EURAD 2 and in all related European projects.

### 1.2. Mission objectives

- Present my last results about my research in poster format.
- Attending different meetings to talk about topics related to my research.
- Meet knowledgeable people in the field and people who are at the same research stage as me.
- Sharing knowledge about the field.

### 1.3. Mission request

Attendance at EURAD Final Annual Event will celebrate in Bucarest (Romania) at 22-25 April 2024. The main activity was the poster presentation about my recent work in EURAD's WP15 project.

### 1.4. Mission composition

#### Host organisation

EURAD (European Joint Programme on Radioactive Waste Management).

#### Host facility

Pullman Hotel, Bucharest (Romania).

#### Mission dates

April 23<sup>rd</sup> to 25<sup>th</sup>, 2024.

## 2. MAJOR PRACTICES, TECHNIQUES, METHODS, TOOLS OR SYSTEMS OPERATED OR STUDIED

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### 2.1. Practice, technique, method, tool or system operated or studied during the mission

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#### Description

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#### Usage

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#### Benefits

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#### Limitations

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#### Applicability

Klikněte nebo klepněte sem a zadejte text.

### 2.2. Practice, technique, method, tool or system operated or studied during the mission

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#### Description

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#### Usage

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#### Benefits

## Limitations

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## Applicability

Klikněte nebo klepněte sem a zadejte text.

### 2.3. Practice, technique, method, tool or system operated or studied during the mission

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## Description

Replace this entire field with a description of the implementation of this practice, technique, method, tool or system at the host organisation.

## Usage

Klikněte nebo klepněte sem a zadejte text.

## Benefits

Klikněte nebo klepněte sem a zadejte text.

## Limitations

Klikněte nebo klepněte sem a zadejte text.

## Applicability

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### 2.4. Practice, technique, method, tool or system operated or studied during the mission

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## Description

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## Usage

## Benefits

Klikněte nebo klepněte sem a zadejte text.

## Limitations

Klikněte nebo klepněte sem a zadejte text.

## Applicability

Klikněte nebo klepněte sem a zadejte text.

### 3. MISSION FINDINGS AND CONCLUSIONS

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#### 3.1. Lessons learned and conclusions

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#### 3.2. Relevant findings and conclusions for home organisation

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#### 3.3. Relevant findings and conclusions for host organisation

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#### 3.4. Relevant findings and conclusions for other organisations

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## 4. POTENTIALS FOR IMPROVEMENT OR DEVELOPMENT

### 4.1. Generic potentials

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### 4.2. Potentials for home organisation

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### 4.3. Potentials for host organisation

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## APPENDICES

### Mission journal

Day 1- Tuesday 23<sup>rd</sup> April

09.00-09.30 Welcoming and introduction

09.30-12.00 Main achievement and concrete examples of how EURAD helped Member States. Roundtable with Member States representatives, WMO, TSO and RE representatives.

13.30-15.30 Students session

16.00-17.00 Spotlight on cutting-edge science-10/15 min slots on technical achievements within EURAD

Day 2- Wednesday 24<sup>th</sup> April

09.00-11.30 Key conclusion from WP11, WP12 and WP13

13.00-14.00 Spotlight on cutting-edge science-10/15 min slots on technical achievements within EURAD

14.00-15.10 Key conclusion from WP9 and WP10. Key conclusion from ICS activities.

15.40-17.40 Key conclusions from 1 R&D WP

18.00-19.00 Poster session with WPs

Day 3- Thursday 25<sup>th</sup> April

09.00-16.10- Key conclusions from 1 R&D WP

16.10-16.50 Overall scientific outcomes and conclusion

### Mission bibliography

## MISSION BENEFICIARY

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 Physical Chemistry of Actinides and Fission Products Unit  
 Energy, environment and technology research centre (CIEMAT), Spain.

## PARTNER EXPERTS CONTRIBUTING TO THE MISSION

Host organisation experts

Home organisation experts

Other organisations experts

## REPORT APPROVAL

Date	Beneficiary	Home mentor/supervisor	Host mentor/supervisor
Date of last signee	Carla Soto Ruiz	Tiziana Missana	Name
	Visa	Visa	Visa