

EURAD-2 turns one!



There may not be a candle on this cake, but in September we proudly celebrated the first year of EURAD-2 at our first annual event. In this newsletter, you will find pictures capturing the highlights of the celebration, as well as updates from several of our Work Packages.

As we are currently in the reporting period, not all Work Packages are represented in this edition, but you will hear more about their progress in the next newsletter!

We also invite you to get involved! Explore our calls for action and discover how you can contribute to upcoming activities, collaborate with our community, and help shape the next steps of the project.

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Our community thrives thanks to the people who put their time and energy into making a difference. This section is dedicated to celebrating their contributions and expressing our gratitude. We would like to thanks:

- **The 250 participants** of the first annual event for their enthusiasm, energy, ideas, participation and questions which truly contributed to the success of this event
- Rapporteurs of the annual event **Lander Frederickx, Tyler Oesch, Attila Baksay, Maia Vercelli, Marja Vuorio, Philipp Herold, and Virginie Solans** for their attentive participation, thorough documentation and insightful summaries of each session
- **Anne-Charlotte Hill**, graphic facilitator, for skilfully capturing the key messages and collective energy in real time, and for providing us with outstanding visual materials for dissemination.
- The invited speakers **Brieuc Petit-Cohas, Michalis Tzortzis, Valeria Anzellotti, Alessandro Dodaro, Stefania Uras, Erica Fanchini, Nicola Ippolito, Pablo Saiz, Cynthia Réaud, Toon Verlinden**, for generously sharing their expertise, insights, and experiences, greatly enriching the discussions and inspiring all participants.
- **Naïm O'Neill** for graciously stepping in at the last minute to participate in and chair a session and for doing so with professionalism, flexibility, and enthusiasm.
- **Erika Holt** for her support in helping the secretariat to identifying a new App for the event, only a couple of weeks before the event
- **Irina Gaus and Christophe Bruggeman**, the Chief Scientific Officers, for stepping in as moderators during the event's conclusion
- WP4 FORSAFF authors **David García, Irene Canals, Andrea Perri, Paula Keto, Sami Naumer, Timothy Schatz, Virginie Wasselin, Robert Mandoki, Bérengère Cordier, Gabriele Magugliani, Fabio Fattori, Eros Mossini, Anne Saturnin, Magaly Tribet, Kateryna Fuzik, Oleksandr Soloviov, Olesia Drozd, Nadja Zeleznik, Barbara Horvat and Alan Tkaczyk** for delivering the green paper on time
- WP6 STREAM SotA authors **Elena Torres Álvarez, Michael Gracey, Mark Cowper, Quoc Tri Phung, Borys Zlobenko, Federica Pancotti, Mafalda Guerra, Märten Kala, Janno Torop and Alan Tkaczyk** for making the deliverable published in Nuclear Engineering and Design for the Special Issue Outcomes and Achievements from Safety and Sustainability in Predisposal Management of Radioactive Waste: A Focus on Innovative Solutions.
- WP16 SotA authors **Eric Laloy, Sergey Churakov, Attila Baksay, Jan Brezina, Anne-Catherine Dieudonné, Olaf Kolditz, Nikolaos Prasianakis, Javier Samper, Luis Montenegro, Alba Mon, Ryan Santoso, Yuankai Yang, Jenna Poonoosamy, Gesa Ziefle, Francesco Freddi, Lorenzo Mingazzi, Xavi Pintado, Laura Asensio, Vicente Navarro, Romain Dagnelie, Clément Lynde, Anne-Julie Tinet, Fabrice Golfier, Marco De Lucia, Guangjing Chen, Ersan Demirer, Jan Stebel, Michal Béreš, Zoltán Bóthi, Tamás Olasz, Jianfu Shao and Zhan Yu** for producing the document on time



First annual event – Photo Gallery



250 participants, it was hard to fit everyone in one frame.

We are pleased to share a series of pictures from our first annual event, capturing the dynamic interactions, engagement, and positive atmosphere throughout the event. From engaging discussions to in-depth technical sessions, these snapshots showcase the enthusiasm and connections that contributed to the event's success.

For a comprehensive overview and further details, the full event summary is now available on [EURAD-2 website](#). We invite you to consult it to review the key insights, highlights and outcomes.



Ideation session on Data Management



Predisposal WP Leaders superheroes - Topical session 1



Ideation session - Fiasco scenario on Small Inventory Member States



WP Leaders and speakers breaking the ice with participants – Topical session 6



Social dinner



Q&A session

WP2 Knowledge Management

The last quarter has seen many of us busy with Knowledge Management (KM) activities within WP2 and right across the partnership, including completion of State-of-the-Art (SotA) reports and Green Papers capturing the current status of understanding in WP topic areas. Attention within the Strategic Studies is now shifting towards the production of White Papers. On this front, the KM Board has received a number of requests for clarification on the approach to be followed and we are addressing these in a brief **guidance note on White Paper production**, which will be circulated by mid-November. Please ensure authors read this before progressing White Paper drafting further to ensure consistency of approach, efficient quality control and clear communication of key messages to our target audiences. A training webinar covering the points in this guidance will also be held in November – stay tuned for announcement of the date!

Other recent highlights include the range of **training and dissemination events** incorporating KM elements: panel sessions, breakout groups and workshops at the annual event in Bologna to name a few! The data management session of the EURAD-2 first annual event was a particular highlight, with the insights from Pablo Saiz of CERN / Zenodo being highly relevant.

The first EURAD-2 KM Workshop, titled *“Strengthening KM in Radioactive Waste Management: Reflections on Practices, Integration and Building Synergies”*, was held on 12th September in Bologna, Italy, during the Annual Event. It brought together EURAD-2 partners, end-users, and stakeholders, along with KM specialists and representatives from the IAEA and OECD/NEA to exchange practical experiences and identify synergies. Keynote presentations addressed the prioritisation of critical knowledge domains, intergenerational knowledge transfer, and opportunities for collaboration in capacity building. Interactive group discussions reflected on lessons learned during the first year of EURAD-2, giving rise to constructive dialogue on encouraging participation, identifying subject matter experts, producing guidance, engaging mentors, delivering training activities and building a sustainable culture of KM.



Participants in the KM workshop in Bologna, 12th September

Thank you to all our contributors, from both within and outside the partnership. Some great ideas to build into our forward programme of KM plans for the next year, and onwards into Years 3-5 of the partnership!

KM representatives have also been working hard to **enhance synergies** with KM initiatives outside of EURAD-2 – just this month participating in panel discussions and delivering a workshop session as part of the NEA’s IDKM Symposium in Japan – see later in this newsletter

for a few snapshots! We also have some exciting news coming on the Young Generation front – stay tuned for more information soon!

We have a number of **active calls** for inputs if you would like to be involved, including opportunities for authoring of the next suite of Domain Insights, the latest call for Mobility actions and the newly launched EURAD-2 Mentoring programme. Be one of the first to take advantage of this great opportunity to learn from others in the RWM community and/or share your experience! You'll find all the relevant links on later newsletter pages. Testimonies shared by those involved in previous KM initiatives have highlighted their impact and value for themselves and for the wider partnership:

Mikel Daniel Dieguez Iribarren (attended Summer School on WAC):

*"The EURAD Summer School on Waste Acceptance Criteria has been an **invaluable educational experience** that has deepened participants' understanding of this crucial aspect of radioactive waste management. [...] I have gained essential knowledge and skills. With the knowledge and tools acquired, participants are well-prepared to play instrumental roles in addressing the challenges of radioactive waste management, ensuring that waste acceptance criteria are met while safeguarding the environment and public health."*

Jérémy Perrot (attended Final Event EURAD-1):

*"I am glad to have had the opportunity to participate to the Final Meeting. I received valuable feedback from the Community on my work and had the chance to engage with professionals [...]. This experience also provided me with the opportunity to enhance my communication skills and become more comfortable sharing my work. **It has significantly enriched my PhD thesis** and I am confident that it will be beneficial for my future job applications and early career development."*

Francisco Javier León Vicente (performed internship at BRGM):

*"My internship at BRGM has been **a rich and insightful experience**, providing valuable lessons and conclusions. Collaborating with top-notch researchers and utilizing state-of-the-art equipment has significantly contributed to my professional growth. The interdisciplinary nature of the research projects at BRGM allowed me to expand my knowledge and skills beyond my initial scope. [...] In conclusion, **being part of the EURAD mobility program and having this experience at BRGM has been a great opportunity** to promote the internationalization of the scientific results obtained and give them a more significant impact. [...] **It has been a fantastic professional and personal experience.**"*

WP11 CLIMATE

The WP CLIMATE held its First Annual Meeting in September, after the first annual event. Over the course of the meeting, partners reviewed achievements from the first project year and outlined the roadmap for the year ahead. Discussions covered a broad range of topics, including climate modelling, systemic risk assessment, stakeholder engagement, and knowledge management.

Collaboration Across Work Packages

Following the main sessions, participants from WP11 CLIMATE engaged in a joint workshop with colleagues from WP3 ASTRA, focusing on the potential impacts of climate change on alternative radioactive waste management strategies.

The interactive discussions explored issues such as:

- The role of deep borehole disposal in future waste management approaches,
- Public perception surrounding alternative strategies, and
- Methods to integrate climate-related uncertainties into decision-making for SIMS

This collaborative exchange provided valuable insights and laid the foundation for a joint process of continued cooperation in the coming months.



WP13 OPTI

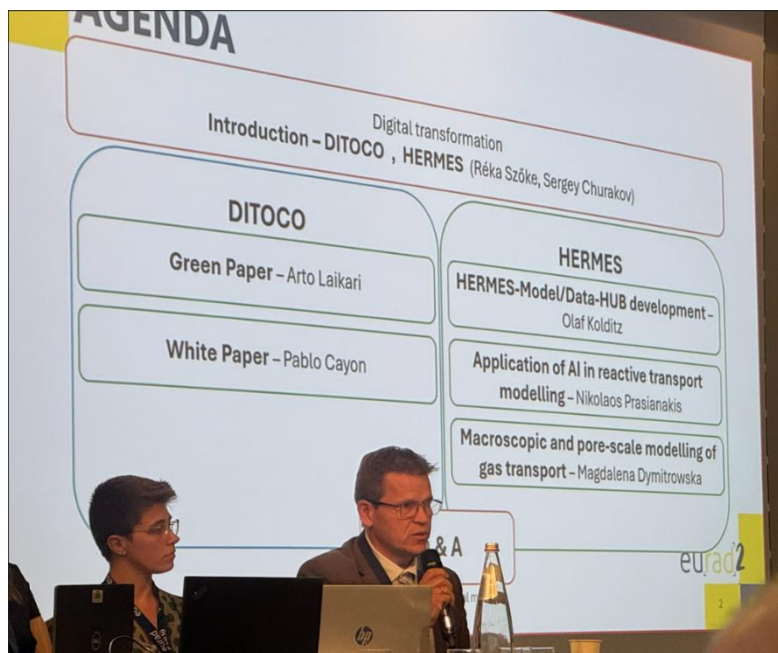
In the strategic study OPTI, significant milestones have been achieved in recent months. Two workshops were held, and a first deliverable was produced. The work package (WP) began with initial discussions aimed at developing a mutual understanding of optimization. In addition to the three colleges, representatives from civil society also participated in the exchange. The findings from these discussions were summarized in the draft of a Green Paper. The objectives of the Green Paper are to gather the perspectives of EURAD-2 actors, stimulate discussion on the necessity of optimization, identify the phases when optimization is needed, outline the (technical) challenges, and explore the most effective existing strategies for implementing optimization. OPTI aims to achieve a mutual understanding, and potentially a consensus, among the different actors regarding the interpretation of the term “optimization” in the context of a HLW/SF GDF. From the outset of the WP, it was anticipated that achieving this mutual understanding would require an iterative approach to preparing the deliverables.



The Green Paper was designated as a draft version. All WP partners were given the opportunity to review the draft. The discussion of the paper and the review results continued during a workshop. For this purpose, the WP team convened in Prague in early June. The workshop represented the latest achieved milestone. Pursuant to the review and the workshop discussions, the existing draft version of the Green Paper will undergo an update before publication. The delivery of a final, publicly available version of the Green Paper stands as a significant achievement for the WP OPTI during the summer months. Further actions will result in the identification of open issues and contribute to the development of new activities and work packages for the EURAD-2 2nd wave (10/2026-09/2029).

WP15 DITOCO2030

DITOCO2030 work package partners remain dedicated to advancing innovative, safe and sustainable solutions for radioactive waste management. This commitment was reaffirmed earlier in September, when representatives from 24 organizations with 30 partners convened in Bologna for the Annual DITOCO2030 Meeting to further strengthen collaboration and drive progress toward safer and more sustainable management practices. This was also highlighted during the joint DITOCO2030 & HERMES technical session at the EURAD-2 First Annual Event.



Following the Annual Event, the WP had the opportunity to present at the Interdisciplinary Research Symposium on the Safety of Nuclear Disposal Practices (safeND 2025) conference in Berlin, which focused on best practices in nuclear waste disposal.

At the end of September, the WP successfully hosted our first Stakeholder Webinar “From Concept to Practice: Stakeholder/End-user Perspectives on Digital Twins for Radioactive Waste Facilities (DITOCO2030) “. This session offered a valuable forum to explore the practical applications of digital twins and to gather invaluable feedback and insights from our stakeholders. The vision remains clear: to add value to EURAD-2 by leveraging digital tools and emerging technologies, such as digital twins and AI, that are key to achieving safe and sustainable management practices. As Irina Gaus, EURAD-3 Chief Scientific Officer, aptly remarked, “Addressing the back-end properly prevents the front-end from sinking.”

Looking ahead, we are thrilled to announce that DITOCO2030 results will be presented at the [DigiDECOM's NuclearNEXT 2025 - IFE](#), and that the next stakeholder webinar is scheduled for December 2025.

The Work Package Board feels privileged to collaborate with such dedicated and talented colleagues within the DITOCO2030 community. Thank you all for your continued commitment and outstanding work, together, we are truly making a difference.



He also presented the EURAD-2 Knowledge Management programme during the plenary session on “Building a holistic vision for information, data and knowledge management”. In addition, the EURAD-2 KM team contributed a poster highlighting the partnership’s collective progress in strengthening KM practices.

These contributions helped increasing EURAD-2's visibility at the international level and highlighted how shared learning and collaboration strengthen the long-term safety of radioactive waste management.



EURAD-2 KM participating in the NEA IDKM Symposium in Yokoham, 7-10th October



iCP Training Course



21-23 April 2026



Barcelona, Spain



Educational level: EQF Level 7: equivalent to Master degree, post graduate



Deadline for registration: **06 March 2026**

Check [EURADSchool website](#)

The in-person course is aimed at instructing the participants in the basics of reactive transport, Comsol, PhreeqC and iCP through theoretical sessions and hands-on exercises.



Last call for Domain Insight Authors



DI-DOCUMENT PRODUCTION OPEN CALL FOR AUTHORSHIP

THE NEXT CALL FOR AUTHORSHIP IS OPEN!

Who can apply? Experts in the field addressed by respective DI document within EURAD-2 partners (beneficiaries and affiliated entities)

What to apply to? List of 26 DI topics prioritised by WP02 KM Task 2

How to apply? Fill in **Evalato application form** stating your expertise and timeframe by **October 31st** (QR code and link are on the screen)



Who makes decisions? Decision-making board composed of WP02 Leader, WP 02 Task 2 representative, PMO representative and EURAD-2 Scientific Officer (criteria: qualification, availability, diversity)

Ready to be author or reviewer?



<https://10627.evalato.com>

eurad²



Mentoring

Launched in September, the EURAD-2 mentoring programme is underway. With the mentoring programme, we aim to match mentees and mentors that will collaborate to build knowledge and skills, collaborate. This will occur during a 12-month period (can be adjusted based on input of the mentor and mentee's needs). They can meet virtually (at least 1-2 hours per month), at their own pace. The main aim is mutual benefit for both parties, which should be reflected in the mentoring report that is produced at the end. An important note for mentors and mentees is that the mentoring programme is a voluntary commitment, so no financial support or payments are made by EURAD-2 towards the mentor-mentee pairs. That being said, the mobility programme can be used, if the use is justified.

For more information, see the M26: Methodology memo on mentoring pair applications protocol and implementation guidelines, or visit our dedicated web page for more information on how to apply:

<https://euradschool.eu/eurad-2-mentoring-programme/>



Mobility Programme

The EURAD-2 Mobility Programme, launched in January 2025 and, building on experiences from EURAD-1 and PREDIS, aims to financially support both junior and senior professionals to visit infrastructures from EURAD-2 partners and end-users, undertake internships, attend conferences and follow training courses in the field of radioactive waste management.

So far, 22 applications out of 32 eligible applications were approved, resulting in a mobility funding of about 39.000 Euros in the first year of EURAD-2.

The current call closes 31st October 2025 and the next application periods will run from December 1 – 31, 2025 and February 1 – 28, 2026.



Now published

WP2 KM Prioritisation of guidance documents: [Link](#)

WP2 KM Updated list of infrastructures: [Link](#)

WP4 FORSAFF Guidance on SMR implementation and deployment needs from the back end of the fuel cycle perspective: [Link](#)

WP16 HERMES State-of-the-Art on high-fidelity numerical simulations of strongly coupled processes for repository systems: [Link](#)

WP17 CSFD Initial State-of-the-Art in demonstrating post-closure criticality safety: [Link](#)



Upcoming events

NOVEMBER

03-07: [LTC 2025](#)

04-06: [World Nuclear Exhibition 2025](#)

05: [Guidance on preparing White Papers](#)

09-11: [International HL RWM Conference](#)

12: [Lunch&Learn – RWM in Ireland](#)

12-13: [European Foresight Workshop on Nuclear Workforce and Skills](#)

17-21: [DigiDECOM's NuclearNext 2025](#)

18-20: [NEA Workshop: Initial estimation of backend costs for advanced reactors and SMR](#)

25-27: [IGD-TP Exchange Forum](#)

DECEMBER

02: [Lunch&Learn NEA/OECD activities on the back-end of advanced reactors](#)

JANUARY

19-23: [Reactor Core Physics: Deterministic and Monte Carlo Methods course](#)

26-30: [Nuclear Fuels for Light Water Reactors and Fast Reactors course](#)

26-30: [Materials for Nuclear Reactors, Fuels and Structures course](#)

FEBRUARY

15-19: [12th International Conference on Radioisotopes](#)



We are out there



Mar Morales Hidalgo • 2e

PhD | Geomicrobiology | Nuclear waste repositories | Environmental Microbiology ...
2 mois • Modifié •

This week I had the pleasure of participating in the [#Goldschmidt2025](#) Conference held in Prague, an international globally renowned event in the field of [#geochemistry](#).

I was honored to present part of my research in a talk titled:
"How bentonite microbial communities and copper canisters respond to nuclear waste repository conditions: effects of gamma radiation and high compaction."

This work is part of the [#EURAD-1](#) and [EURAD-2](#) projects, and I would like to extend my sincere thanks to the [EURAD-2](#) Mobility Programme for financially supporting my participation in the conference.

It has been a very rewarding week, both professionally and personally, full of inspiring discussions, reconnecting with colleagues, and forging new connections!

Afficher la traduction



Carla Soto Ruiz • 2e

Chemist | PhD Student at CIEMAT
1 mois •

Three amazing months have just flown by! 🌟

I had the opportunity to spend this time at [Helmholtz-Zentrum Dresden-Rossendorf \(HZDR\)](#) in Dresden as part of my PhD.

Huge thanks to everyone who made my stay easier, brighter, and so much fun — especially my supervisor, [Natalia Mayordomo Herranz](#), for her guidance and support ❤️.

I'm also deeply grateful to my supervisors in Spain, [Tiziana Missana](#) and [Ursula Alonso de los Rios](#), and to the [EURAD-2](#) Mobility Programme for making this stay possible.

I met incredible people, made unforgettable memories, and had the chance to learn and enjoy every moment both inside and outside the lab 🧪.

Already back home, but still carrying with me all the experiences, lessons, and friendships from those months in Dresden 😊.

(Photos speak louder than words, so here's a little dump of these months — many amazing people are missing from these pictures! 💜)

Afficher la traduction



Christophe Debayle • 1st

Radioactive pollution and waste management
2w •



How does managing critical scientific data look like running a Michelin-star kitchen?

At the [EURAD-2](#) Annual Event in Bologna, held from September 09 to 11, 2025, we explored exactly this question.

Our dedicated session on Data Management was a real success, bringing together over 80 experts from across the partnership to collectively help shape the future of our knowledge and data management strategy.

The "Kitchen of Knowledge" metaphor proves essential in building a shared mindset:

- Organisation / storage (pantry): just as ...more

👤 You and 46 others

5 reposts

