

ATOMS, IDEAS, AND AMBITIONS: THE EURAD-2 YOUNG GENERATION

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WP2 Knowledge Management

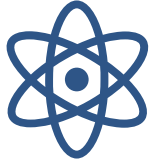
Task 4 – Competence building

- Achieved through the School of Radioactive Waste Management
 - **Overall aim:** contributing to closing the generational competence gap through training of the next generation of experts and filling the competence gap by supporting knowledge transfer to experts from other areas
 - **Task Lead:** SCK CEN, Niels Belmans
 - **Partners:** Ciemat, Amphos 21
 - **Tasks:**
 - Task 4.1 Training
 - Task 4.2 Mobility
 - Task 4.3 Mentoring and Networking
 - Task 4.4 Enabling/Empowering the Young Generation
- 
- The diagram shows a large blue arrow pointing from a rounded rectangle containing the list of tasks (Task 4.3 and Task 4.4) to the text 'EURAD-2 Young Generation'.

EURAD-2
Young Generation 2

What is the EURAD-2 Young Generation?

73 members from:



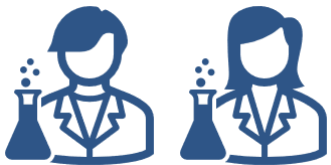
Physicists, chemists, material scientists, engineers, ...



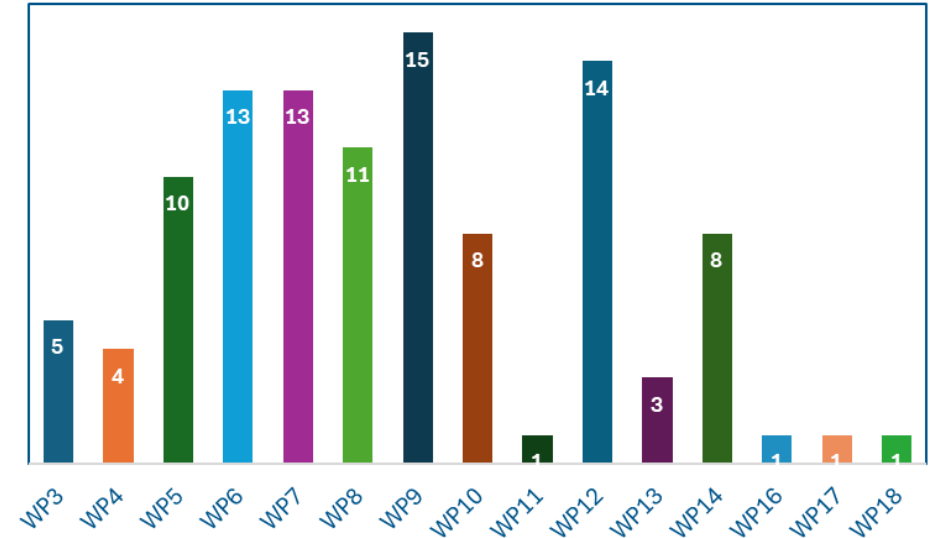
15 WPs



30+ partners from more than 15 countries



**13 MSc, 37 PhD, 21 Postdoc,
2 employees (junior)**



Join us!



Are you:

- ✓ Working within EURAD-2
- ✓ Under 35 years old ?
- ✓ MSc or PhD student, or
- ✓ Post-doc researcher, or
- ✓ An intern or in junior position at an EURAD-2 partner institution?



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Fill out the registration form

<https://euradschool.eu/register-for-eurad-2-young-generation/>



EURAD-2 Young Generation mission

1. Networking



Creating a community,
fostering friendship &
collaboration



2. Increasing visibility

Highlighting young
researchers & their
work/research

4. Ensuring the future



Promote long-term
engagement of young
researchers in radioactive
waste management



3. Increasing competence

Facilitating training
opportunities & organising
site visits



YG Organisation team

Simona Šandalová (Polimi, IT) – Chair

Hanna Rostova (NSC KIPT, UA & Institute of Fluid-Flow Machinery, Polish Academy of Sciences, PL) – Co-chair, event organization

Anna Golubko (SÚRAO, CZ) – site visit organization

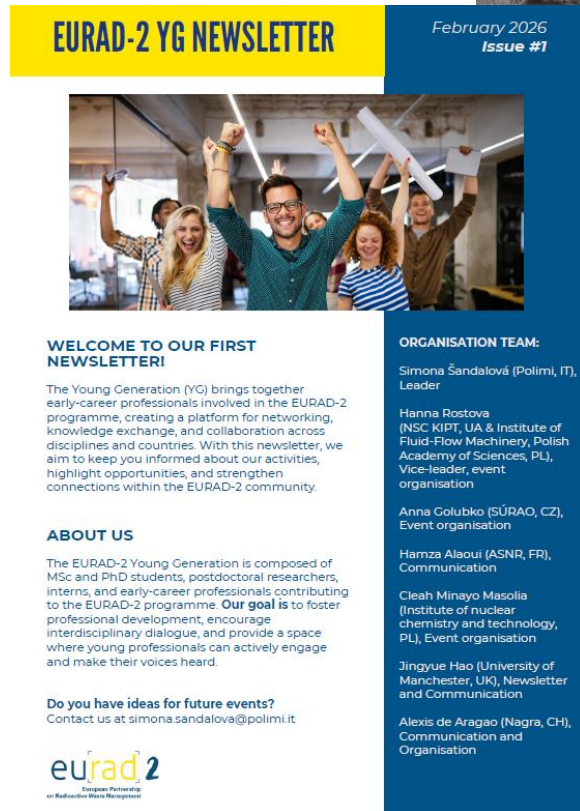
Cleah Minayo Masolia (Institute of nuclear chemistry and technology, PL) – event organization

Jingyue Hao (University of Manchester, UK) – YG Newsletter

Alexis de Aragao (Nagra, CH) – YG Website

YG activities already in place

- Information sharing through email and WhatsApp
- YG colloquia
- Bukov URF site visit (thanks to SURAO)
- YG Newsletter



EURAD-2 Annual Event #2



YG Youth Day

Monday, 7 September

- 18 participants (15 YG, 3 senior panelists)
- Youth Day Agenda:

13:30 – 13:50 Introductions/icebreaker

13:50 – 14:50 YG meeting

15:00 – 16:20 Panel “Connecting Generations in RWM: Career development, knowledge transfer and sustainability”

16:30 – 17:30 Drafting of main message of YG to consortium

17:30 Adjourn

19:00 – 20:00 - Sightseeing – walk through Dublin

20:00 – Dinner

- Sponsored dinner



CONNECTING GENERATIONS IN RADIOACTIVE WASTE MANAGEMENT: CAREER DEVELOPMENT, KNOWLEDGE TRANSFER AND SUSTAINABILITY

Discussion Themes

- *Entry into the field & early career development*
- *Knowledge transfer in long-term programmes like EURAD-2*
- *Navigating post-PhD transition*
- *Concrete actions to bridge generations*

Moderators: Dr Hanna Rostova (KIPT),
Dr Virginie Wasselin (ANDRA)

YG Panelists:

- **Dr Carla Fernández García** (PhD researcher, IETcc-CSIC)
- **Lidia Generelo Casajús** (PhD candidate, University of Granada)

Senior Panelists:

- **Dr Niels Belmans** (Project leader, SCK-CEN)
- **Dr Janne Pakarinen** (Research team leader, VTT)



Annual Event - Panel “EURAD-2 through its governance bodies: Next generation perspectives”

Moderators: Ms Simona Šandalová (Polimi),
Mr Arthur Rousset (NTW)

Panellists:

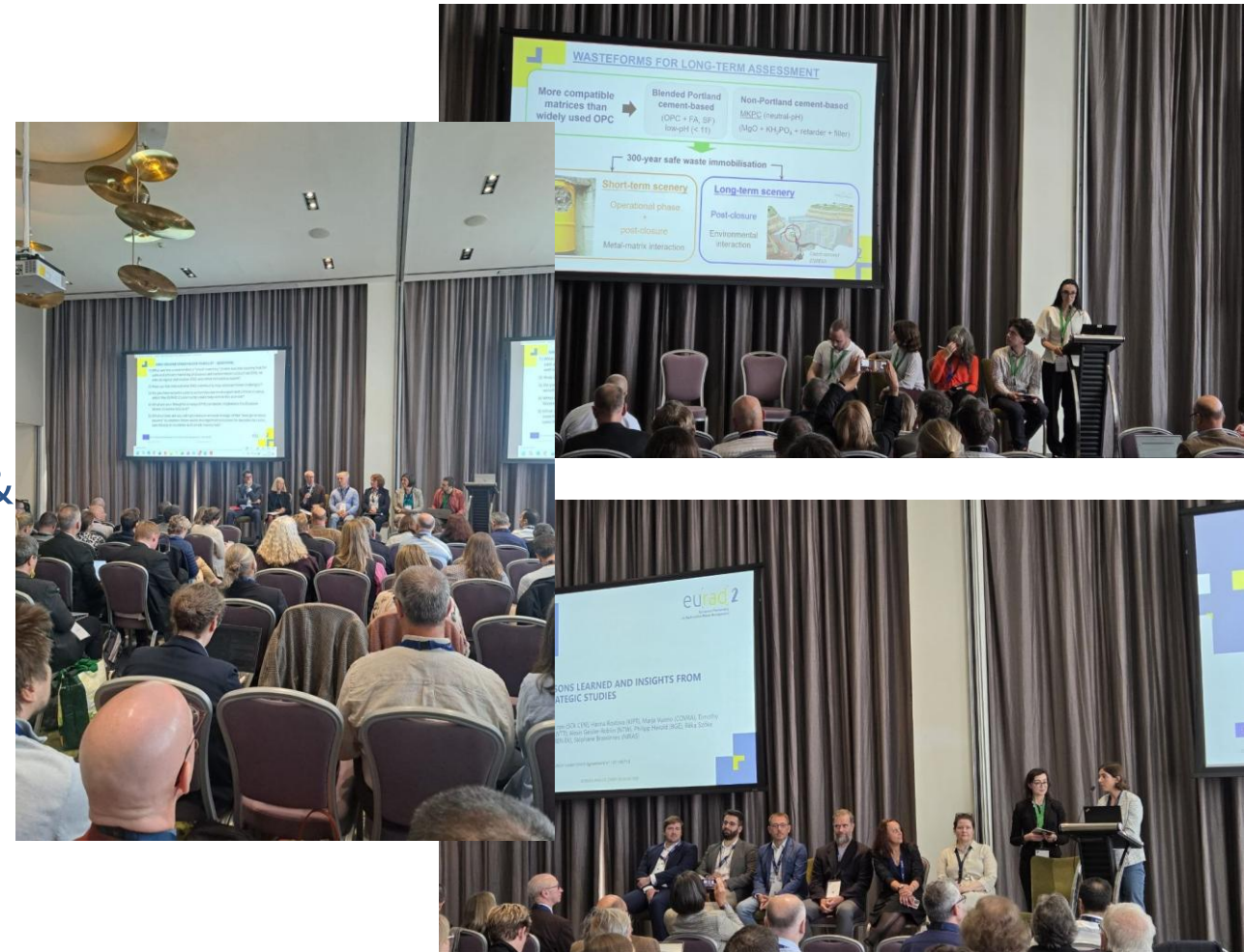
- Dr **Jimena de Hita** (Enresa)
- Mr **Abhishek Mishra** (Egis/GSL)
- Mr **Sami Naumer** (VTT & Aalto university)
- Dr **Georges Matta** (ASNR)
- Mr **Gauthier Fontaine** (NTW & University of Paris I)

Rapporteur: Francesco Rizzo (Sapienza University)



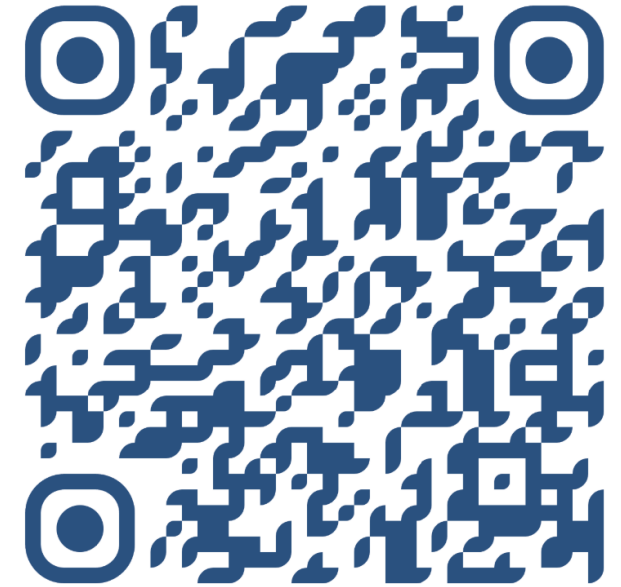
Annual Event co-chairing & cutting edge science

- Co-chairing:
 - **Zoe Emory** – Climate Change Breakout, Session 1 (Wednesday)
 - **Alexis de Aragao** – Spotlight on Cutting-Edge Science (Thursday)
 - **Mikel Dieguez** – Stakeholders Panel Discussion (Tuesday)
 - **Hanna Rostova** – Lessons Learned & Insights from Strategic Studies (Tuesday)
 - **Simona Šandalová** – Spotlight on Cutting-Edge Science (Tuesday morning)
 - **Václav Znamínko** - Spotlight on Cutting-Edge Science (Tuesday morning)



YG support in EURAD-2

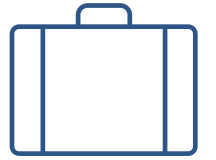
- Giving space to YG – WP2 Task 4.4, cutting-edge science sessions & co-chairing, ...
- Mobility grants – 3 mobility grants for any activity + 2 for each YG member to attend Annual Events
- Training courses
- Working directly within WPs
- Interaction with senior researchers and RWM organisations
- EURAD-2 mentoring programme



**Scan to learn about
EURAD-2 mentoring**

THANK YOU FOR THE SUPPORT!

Call to action: Help us build careers in RWM



- Transition after PhD or Postdoc highlighted as most difficult

WHAT

- Help us organise a **YG Career Event** – 1 online, 1 on the day of GA
- Join **career panels** and explain different career paths (your failures, not only successes);
- Take part in **speed-networking / speed-dating** sessions for jobs, postdocs and collaborations;
- Help us create a **YG CV database**
- Contribute to and use CV database;
- **Connect us** with potential employers, supervisors and end users.

WHO

- WP2, YG, interested partners
- All partners / senior researchers
- All partners / senior researchers
- WP2, PMO
- All partners / senior researchers
- All partners

Call to action: Help us build transferable skills

- We need **not only technical skills**, but also **skills helpful to move our forward**
- Create a **workshop series** (2-3 events), with practical tasks and feedback:
 - scientific writing and publishing;
 - proposal and grant writing;
 - project management;
 - presentations and public speaking;
 - professional networking.



WHAT

- **Become lecturers or trainers** for workshops
- Help us find **competent people** to hold workshop

WHO

- All partners / senior researchers
- WP2, PMO

Call to action: Help us connect beyond our institution

- Mobility, site visits and in-person meetings as the most useful YG activities



WHAT

- Host or help organise **YG site visits** (1-2 per year in total)
- Support more **YG short exchanges** in your lab / company;
- **Let your YGs** participate in these events & let them **reserve time** for them
- Encourage your students / employees to **join** YG

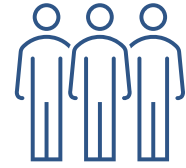
WHO

- All partners / end-users
- All partners / end-users
- All partners / supervisors
- All partners / supervisors

To help build YG **build network beyond their own university / company**

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Call to action: Help us become part of our WPs, not only tasks



WHAT

- give every YG member **access to the Project Place** of their own WP;
- include a **short YG introduction** or visibility slot **at WP kick-off and annual meetings**;
- briefly **introduce who the YG members are** and what they are working on;
- where possible, **let YG members attend** selected management or strategic discussions as observers

WHO

- PMO
- WPLs
- WPLs
- PMO

Call to action: Help us make knowledge transfer intentional

- We ask senior researchers to take an active role in sharing experience - not only successes, but also mistakes, difficult decisions and lessons learned.

WHAT

- Help us **organize informal mentoring sessions** during WP or Annual Meetings;
- Form mixed **senior-junior teams**;
- Open **Q&A sessions / forum** with experts;
- Help us host a “**Gala of Failures**” or similar event, where a senior researcher talks openly about failures and what they learned from them.



WHO

- PMO, All partners
- WPLs
- All partners
- All partners

Call to action: Help us understand what end users actually need



- PhD research often very specialized – it is easy to lose sight of the bigger RWM picture.

WHAT

- Help organize a **YG-end user session** (1-2 per year)
- **End-user** to participate explaining:
 - what their **organisation** does;
 - what **challenges** they are facing;
 - what they **need** from research;
 - how **research results** are used in practice.

WHO

- WP2, PMO
- End-users



Our message

We are not asking only for more YG activities. We are asking **to be more connected to the activities, people and decisions** that already shape EURAD-2.

Help us **meet employers**.

Help us **learn from your experience**.

Help us **understand the bigger picture**.

Give us **access to the rooms, information and discussions** where the work happens.

And give us **opportunities to start taking responsibility**.

That is how the **Young Generation can grow** into the **experts, managers and decision-makers** that RWM will need in the future.



Grazie

Thank you for your attention!

Any questions?



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