

EURAD-2 Core Group Communication on Progress, December 2022

Background

The European Commission has given preliminary indications that the Euratom work programme will be launched in early 2023 and will include a call for a European Partnership on Radioactive Waste Management which will be continuation and merge of [EURAD programme](#) and [PREDIS project](#).

This communication note is to document information on the progress towards this future EURAD-2 partnership. This communication note is distributed to all partners of EURAD and PREDIS, and is public (on the projects' web pages). The previous communication (October 2022) can be found on both [EURAD](#) and [PREDIS](#) websites.

For clarity the on-going EURAD programme (2019-2024) is referred as EURAD-1, to differentiate from the future EURAD-2 Programme (2024-2029).

Development of the proposal

The Core Group has developed a template for the submission of the potential future work packages (WP) ideas. This WP idea template (available in the Appendix) should be sent by the organisations to their respective EURAD College. The key contact persons per College are given on the table in the next page. **Proposals that are not submitted via the Colleges on time or that do not respect the template, cannot be considered for the preparation of EURAD-2.**

All boundary conditions are explained in the template. This document will be further presented during the public webinar #1 – Towards EURAD-2 in January (see information in the next section).

More information on the general timeline for the preparation of the proposals will be shared as well during the public webinar #1, and was generally shared in previous communication (October 2022). **The Colleges will have to send their selected proposals to the Core Group latest by February 28th, 2023.** A further iteration will take place through spring, before final selection of the WPs by June 2023, then further refining the content in summer/autumn 2023.

Events

The Core Group will organise three public events to inform about the EURAD-2 overall proposal progress. Two will be online (January and July 2023) and one event will be face-to-face (March 2023).

- **Public webinar #1 – Towards EURAD-2**

The first webinar will take place on January 19, 2023 from 9-12 CET. The agenda of this event is provided in Appendix. This event is open to all but preliminary [registration](#) is mandatory.

- **EURAD-2 WP Focus Funnel**

EURAD-2 Core Group will organize the EURAD-2 WP Focus Funnel (FF) that will take place following [EURAD third annual event](#), on 16th afternoon and 17th March 2023 in Golden Bay Beach Hotel, Larnaca, Cyprus.

The aim of this event is to provide an opportunity to get connected, advance the process, share latest progress and mainly to discuss ideas of future work packages to help the Colleges in refining the scope of the work packages to issue a final list of work packages. There will be parallel sessions, structured by the EURAD SRA Themes, identified on the WP ideas templates. Based on the WP idea proposals suggested by the Colleges, the Core Group will invite presenters to pitch the grouped WP

scopes. Presenters will be selected based on named persons on the WP idea templates. A moderated panel discussion on the scope of the work will allow for other comments and ideas to be shared by the audience members. The expected outcome from the FF sessions will be a route forward for refinement of the WP descriptions. This will help the Colleges define the final list of WPs to be selected by June 2023. The development of the WP details regarding scope, roles, partners and budgets will still be refined through summer.

To attend this event, participant will be asked to pay a registration fee of 60€ (covering meeting rooms and catering). All costs associated to the FF attendance are not eligible for EURAD or PREDIS project reimbursement.

The Core Group invites you to **already register for this March event at the [following link](#).**

- **Public webinar #2 – Towards EURAD-2**

The second webinar will take place on July 11, 2023. The agenda and registration for this event will be shared later in spring.

Contact References

As noted in every joint statement communication, further and regular communications towards the Consortia are planned, so as to keep all EURAD and PREDIS partners updated on the status and offer opportunities to give inputs and feedback for critical milestones. We encourage everyone to express feedback via these channels:

	EURAD-1 College Leadership	EURAD-2 Core Group Members
Coordinator		Louise Théodon (ANDRA – France), louise.theodon@andra.fr
Waste Management Organisations, WMO college - via IGD-TP	secretariat@igdtp.eu Johanna Hansen (General Secretary) Johanna.Hansen@Posiva.fi	Ingo Blechschmidt (NAGRA – Switzerland), ingo.blechschmidt@nagra.ch Astrid Göbel (BGE – Germany), Astrid.Goebel@bge.de
Research Entities, RE college - via EURAD-Science network; which also includes supply chains and companies	Christophe Bruggeman euradscience@sckcen.be	Christophe Bruggeman (SCK CEN – Belgium), christophe.bruggeman@sckcen.be Lara Duro (AMPHOS 21 – Spain), lara.duro@amphos21.com
Technical Support Organizations, TSO college - via SITEX.Network; which also includes civil society and regulator views	Valéry Detilleux valery.detilleux@belv.be	Erika Holt (VTT – Finland), erika.holt@vtt.fi Nadja Železnik (EIMV – Slovenia), Nadja.Zeleznik@eimv.si

APPENDIX 1 – Frequently Asked Questions

A – Introduction

- [How do I get info on EURAD-2?](#)

We invite you to check the communications from [Core Group](#) and to follow EURAD-PREDIS web pages for future communications.

B- Scope

- [What if the WP topic I want to pursue is not in the SRA?](#)

All WPs need to show linkage to the EURAD-1 SRA and Drivers. The SRA update has been ongoing via the Colleges for all of 2022, and the final version will be ready by end of January 2023.

C- Participation

- [Who do I contact to go forward for being involved?](#)

The single-entry point are the College representatives (see table above). All participants voice their views via the Colleges, who communicate to the Core Group.

D – Timeline

- [When does it start? How long does it go?](#)

The process of defining EURAD-2 is ongoing, with the WP selection expected in spring 2023 (see [Core Group communication October 2022](#) for more detailed information and time schedule). EURAD-2 programme will start in autumn 2024 and will be running for 5 years.

E – Implementation of WP

- [Where do I send my WP idea to?](#)

WP ideas are collected separately by the 3 Colleges (see contact details in the table on the previous page) in January-February 2023. The template and instructions are provided in this communication. It is important to talk with your other College members to gain sufficient support of ideas.

- [How detailed a plan do we need for the WP idea now due in February 2023 to the Colleges?](#)

The template and instructions are provided in this communication, targeting 1-2 pages max. More detailed WP descriptions will be developed for the top ideas in spring/summer 2023.

F- Other

- [What if I have extra questions later?](#)

If you have questions you want the Core Group to address in the 19 January 2023 public webinar, we invite you to send them to the Core Group Coordinator (louise.theodon@andra.fr) **by January 13, 2023**. After the webinar, you can also email any Core Group member or your College representatives for clarifications. All questions will be added to the FAQ list, to be addressed in future Core Group communications.

APPENDIX 2 – Agenda public webinar #1

Public webinar #1 – Towards EURAD-2

19 January 2023

Agenda

- 09.00 – 10.00** **Background from EC and existing programme/project**
EURATOM Call and participation rules - Seifallah Ben Hadj-Hassine, EC
EURAD – Louise Théodon, Andra
PREDIS – Erika Holt, VTT
Role of the core group – Ingo Blechschmidt, NAGRA
- 10.00 - 10.30** **Moving forward EURAD-2 scope**
Presentation of the general timeline and participation rules – Astrid Göbel,
BGE and Christophe Bruggeman, SCK-CEN
- 10.30 – 10.45** **Break**
- 10.45 – 11.30** **Implementation of EURAD-2**
EURAD Strategic Research Agenda – Valéry Detilleux, Bel V
Process for the development of work packages – Nadja Železnik, EIMV
Presentation of work package template – Lara Duro, Amphos 21
- 11.30 – 12.00** **Frequently Asked Questions and open discussion** – Erika Holt, VTT

APPENDIX 3 – EURAD-2 WP description template

Guidelines:

The proposal should not exceed two pages. The deadlines of submission are defined by each College. The Colleges will submit the proposals to the Core Group by **February 28th** at the latest.

We invite you to contact your College for more precise information and send your WP proposals at the following emails addresses:

- For Research Entities: euradscience@sckcen.be
- For Technical Support Organisations: valéry.detilleux@belv.be
- For Waste Management Organisations: secretariat@igdtp.eu

To facilitate the process, the subject line of email should state: “EURAD-2 WP proposal”.

Proposals that are not submitted via the Colleges, cannot be considered for the preparation of EURAD-2.

An example template will be presented during the EURAD-2 Core Group public webinar #1 – Towards EURAD-2, on January 19, 2023. If you wish to attend this event, please register [here](#).

Boundary conditions:

- EURAD-2 programme is a co-funded partnership. This implies that every organisation intending to participate, agrees to provide co-funding to the action.
- EURAD-2 work packages will have to be inclusive, they should be of benefit for different Member States, regardless of their stages of advancement. To be considered eligible, they should be supported by at least 5 different Member States.
- The Core Group recommends a maximum total budget per work package proposal (EC distribution + co funding) of:
 - o 5 million € for a R&D work package
 - o 2 million € for a Strategic Study work package
- The content of the proposal should not disclose any sensitive or confidential information (patent pending, contract not signed, ...)
- **Please be prepared that you may be asked to pitch this proposal at the EURAD-2 Focus Funnel event, to be held on 16 and 17th March 2023 in Cyprus. Invitations will be sent one week before the event.**

By submitting this proposal, you agree to the collection, storage and protection of your personal data submitted through this form. Information collected on this form is used solely for the purpose of preparing the EURAD-2 Programme. Information provided will only be accessible on a need-to-know basis. You can access your personal data, rectify it, request its deletion or exercise your right to limit the processing of your data at the following address dpd@andra.fr.

Title			
College	<input type="checkbox"/> RE	<input type="checkbox"/> TSO	WMO
Type of activity	<input type="checkbox"/> R&D	<input type="checkbox"/> Strategic Study	<input type="checkbox"/> Knowledge Management
Links with EURAD SRA / Themes ¹ (if multiple choices, indicate the primary link in bold)	<input type="checkbox"/> Programme Management (Theme 1) <input type="checkbox"/> Pre-disposal (Theme 2) <input type="checkbox"/> Engineered Barrier Systems (Theme 3) <input type="checkbox"/> Geoscience (Theme 4) <input type="checkbox"/> Disposal facility design and optimisation (Theme 5) <input type="checkbox"/> Siting and Licensing (Theme 6) <input type="checkbox"/> Safety Case (Theme 7)		
Links with EURAD Roadmap Domain Insights (if multiple choices, indicate the primary link in bold)	Example: <ul style="list-style-type: none"> - 1.1.4 Safety, security and use of resources - 3.1.1 Spent Nuclear Fuel 		
SRA drivers ²	<input type="checkbox"/> Implementation Safety	<input type="checkbox"/> Tailored Solutions	<input type="checkbox"/> Scientific Insight
	<input type="checkbox"/> Innovation for Optimisation	<input type="checkbox"/> Societal Engagement	<input type="checkbox"/> Knowledge Management
Objective (What) – 1 sentence			

¹ The draft SRA will be available at the provided link early January.

² **Implementation Safety:** Contributing to the safe construction, operation and closure of DGRs (and other disposal facilities), ensuring long-term safety.

Tailored Solutions: Supporting the development of tailored solutions for the management of various radioactive waste types in Europe: Working together on scientific, technical, managerial, societal and regulatory issues of common interest and considering the full range of potential disposal solutions and waste groups accounting for IAEA's graded approach and taking economic aspects into consideration. Increasing robustness of approaches by addressing cross-correlations, path dependencies and potential pitfalls in the RWM strategy.

Scientific Insight: Advancing state of the art science in waste management and disposal throughout the waste management chain: Exploratory research in areas with significant uncertainty or in areas with high potential to improve knowledge.

Innovation for Optimisation: Supporting RWM innovation for optimization: Continuously managing uncertainty, improving robustness, reducing complexity and costs and optimizing RWM routes and advancing technology and solutions to meet the needs of Member States.

Societal Engagement: Helping to engage with and maintain mutual trust with stakeholders, and awareness in RWM: Addressing issues emerging from regulatory and societal concerns, fostering transparency and fruitful interactions with Civil Society along all stages of a RWM programme.

Knowledge Management: Enhancing knowledge management and transfer between organisations, Member States and generations: Capturing, maintaining, and efficiently developing skills, knowledge and infrastructure, in view of the long lead-times and the intergenerational dimension associated to RWM.

Justification: impact / innovation / added-value (Why) – bullet points or short paragraph	
Short description: outcomes / tasks (How) – bullet points or short paragraph	
(Optional - Explain what is out of the scope ?)	
List of preliminary interested organisation in the College	
If applicable - links with previous projects / work packages	
Main contact (name, email, phone number)	
Additional information	Do you plan to attend the EURAD-2 Focus Funnel event – or can you indicate someone who could attend to represent this proposal?

Links:

EURAD Roadmap: <https://www.ejp-eurad.eu/roadmap>

EURAD SRA: to be available early January 2023 under this section of this EURAD website:
<https://www.ejp-eurad.eu/publications>