



## **Selection process for the 2<sup>nd</sup> wave activities of EURAD-2: Terms of References**



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## 1. General framework

### 1.1 EURAD-2 total budget and grant from the EC

The EURAD-2 proposal submitted in November 2023 targeted a European Commission (EC) grant of minimum 40M€ over the 5 years of the programme (2024-2029). This was assuming 20M€ in the EURATOM 2023-2025 Work Programme and assuming at least a top-up budget of 20M€ available in the 2026-2029 Work Programme. The programme presented in the EURAD-2 proposal was therefore built on 66,7M€ eligible costs (40M€ EC grant in total + 26,7M€ co-funding by the partners). The amount of the top-up budget available in the 2026-2029 Work Programme is not exactly known yet (as of May 2025). The Bureau and the PMO are hoping for a top-up of more than 20M€. It will be confirmed by the EC end of 2025 / early 2026, when the 2026-2029 Work Programme will be published by the EC.

### 1.2 EURAD-2 “two waves” format

Like EURAD-1, EURAD-2 aims to be as needs-driven as possible. Therefore, the programme is again deployed in a “two waves” format to ensure the possibility of integrating in the course of the programme new emerging needs from the community (see section 1.2.9.1 in [1]). The 1<sup>st</sup> wave of activities started in October 2024. The Work Packages (WPs) of collaborative RD&D (RD&D WPs) and the Work Packages of Strategic Studies (StSt WPs) which started in the 1<sup>st</sup> wave are listed in Table 1 [1]. Their duration is given in Table 2.

The 1<sup>st</sup> wave StSt WPs could provide recommendations about new WPs to be implemented in the 2<sup>nd</sup> wave of activities. The selection process for the 2<sup>nd</sup> wave activities has thus to allow this input from the 1<sup>st</sup> wave StSt WPs. The 2<sup>nd</sup> wave new WP activities will start in October 2026, for a maximum 3-year duration.

### 1.3 Funding of the second wave of activities

In the anticipated total EURAD-2 budget corresponding to 40M€ of EC contribution (see §1.1), about 5.5M€ was provisioned for 2<sup>nd</sup> wave RD&D and StSt WPs (see Table 3 (a)). Note that to ensure the possibility for starting 2<sup>nd</sup> wave activities, regardless of the status of the top-up budget, an unallocated budget of 2.8M€ of EC contribution is already provisioned in the current EURAD-2 budget of 20M€ of EC grant (see Table 3 (b)). The distribution of the total unallocated budget between the different types of EURAD-2 WPs derives from:

- The EURAD-2 internal funding rates (see attachment 6 in [2]),
- The distribution of the EURAD-2 total budget between the different types of EURAD-2 activities, as presented at the first EURAD-2 General Assembly (GA) [3].

The Bureau of the EURAD-2 GA will coordinate the selection of the 2<sup>nd</sup> wave activities. This selection will be achieved following a consensus building process involving the 3 Colleges of EURAD-2. The selection process developed by the Bureau is presented in the section 2 of this document. It considers a scenario where the top-up from the EC is of the order of 30M€ (thus at least the unallocated budget in Table 3 (a) anticipated at the start of EURAD-2 for the 2<sup>nd</sup> wave RD&D and StSt WPs). If the top-up is less, the selection process will have to be revised by the Bureau in consultation with the Programme Management Office (PMO). If the top-up is more, then the same selection process will be applied and the Bureau, in liaison with the Colleges and the PMO, will propose the number of 2<sup>nd</sup> wave WPs which could be (co-)funded considering the actual top-up budget.

Table 1: Work Packages in the 1<sup>st</sup> wave of EURAD-2 activities. One diamond represents one WP participating organisation (from the WMO, TSO or RE College, depending on the column where the diamond is). Coloured diamonds represent organisations with a WP leading role (the colour legend is given below the Table).

WP number	WP name	Total Cost (EC grant + co- financing)	WMO	TSO	RE
<b>Programme Management Office</b>					
1	Programme Management Office (PMO)	4 M€	◆◆	◆	◆
<b>Knowledge Management</b>					
2	Knowledge Management (KM)	2,7 M€	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
<b>Collaborative RD&amp;D</b>					
5	Innovative characterisation techniques for large volumes (ICARUS)	4,4 M€	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
6	Sustainable treatment and immobilisation of challenging waste (STREAM)	4 M€	◆◆	◆◆	◆◆◆◆◆
7	Long-term performance of waste matrices (L'OPERA)	4 M€	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
8	Release of safety relevant radionuclides from spent nuclear fuel under deep disposal conditions (SAREC)	5 M€	◆◆	◆◆◆◆	◆◆◆◆◆
9	Innovative and new container/canister materials under disposal fields conditions: manufacturing feasibility and improved durability (InCoMand)	5 M€	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
10	Hydraulic mechanical chemical evolution of bentonite for barriers optimisation (ANCHORS)	5 M€	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
12	Radionuclide mobility under perturbed conditions (RAMPEC)	5 M€	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
14	Near-surface disposal optimisation based on knowledge and understanding (SUDOKU)	5 M€	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
16	High fidelity numerical simulations of strongly coupled processes for repository systems and design optimisation with physical models and machine learning (HERMES)	4 M€	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
17	Criticality Safety for Final Disposal (CSFD)	2,5 M€	◆◆◆◆◆	◆◆◆◆◆	◆
<b>Strategic Studies</b>					
3	Alternatives RWM strategies (ASTRA)	0,7 M€	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
4	WM for SMRs and future fuels (FORSAFF)	0,9 M€	◆	◆◆◆◆◆	◆◆◆◆◆
11	Impact of climate change on nuclear waste management (CLIMATE)	1 M€	◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
13	HLW repository optimisation including closure (OPTI)	1 M€	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
15	Next generation Digital Twins to support Optimisation, Construction and Operation of surface and subsurface radioactive waste management facilities (DITOCO2030)	0,5 M€	◆◆◆◆◆	◆◆◆◆◆	◆◆◆◆◆
18	Development and Improvement of Quality Assured Thermodynamic Understanding for use in Nuclear Waste Disposal Safety Case (DITUSC)	0,5 M€	◆◆	◆	◆◆◆◆◆
<div>◆ WP Leader</div> <div>◆ WP Leader as Affiliated Entity</div> <div>◆ WP Leader as Associated Partner</div>					

Table 2: 1<sup>st</sup> wave Work Packages duration

5 years WPs	1, 2, 5, 6, 7, 8, 9, 10, 12, 14, 17
4 years WPs	16
2 years WPs	3, 4, 11, 13, 15, 18

Table 3: EURAD-2 unallocated budget (in €). Table (a) gives the unallocated budget in the anticipated total EURAD-2 budget corresponding to 66.7M€ (40M€ of EC grants). Table (b) gives the unallocated budget secured in the current EURAD-2 budget of 33.4 M€ (20M€ of EC grant, see section 3.1.3 in [1]).

		(a)	(b)
<b>RD&amp;D WPs</b>	Not allocated direct costs	7 215 526	4 334 636
	Not allocated indirect costs	1 803 882	1 083 659
	Not allocated eligible costs	9 019 408	5 418 295
	<b>Not allocated EC contribution</b>	<b>4 509 704</b>	<b>2 709 148</b>
<b>StSt WPs</b>	Not allocated direct costs	819 482	90 000
	Not allocated indirect costs	204 870	22 500
	Not allocated eligible costs	1 024 352	112 500
	<b>Not allocated EC contribution</b>	<b>1 024 352</b>	<b>112 500</b>
<b>Total (StSt + RD&amp;D WPs)</b>	Not allocated direct costs	8 035 008	4 424 636
	Not allocated indirect costs	2 008 752	1 106 159
	Not allocated eligible costs	10 043 760	5 530 795
	<b>Not allocated EC contribution</b>	<b>5 534 056</b>	<b>2 821 648</b>

## 2. Selection process for the 2<sup>nd</sup> wave activities

The development of the process for 2<sup>nd</sup> wave new Work Package selection started at the end of 2024 within the Bureau. It is based on the presentation made by the PMO at the first EURAD-2 GA [4], with an additional constraint: the Bureau wants to start the selection process in June 2025 to allow more time to build a consensus on the WPs to be selected. The selection process in development was presented by the Bureau at the second GA meeting in March 2025 [5]. No objection was formulated but some comments were provided by GA members (about the possible scope of the proposals of new WPs by the current StSt WPs and about the planning for the validation by the GA of the 2<sup>nd</sup> wave WPs). Following these comments, the Bureau has revised the selection process and presented it to the PMO on 23/05/2025. PMO comments were considered in the last version of the selection process, communicated to the Colleges on 3/06/2025. The main steps and the master schedule of the 2<sup>nd</sup> wave selection process are described in Figure 1 and Figure 2 and presented in detail in the following sub-sections. Finally, section 3 summarizes the key dates and the roles of the different stakeholders (Bureau, PMO, Colleges, College leadership organisations, Chief Scientific Officers, General Assembly...) in the implementation the selection process.

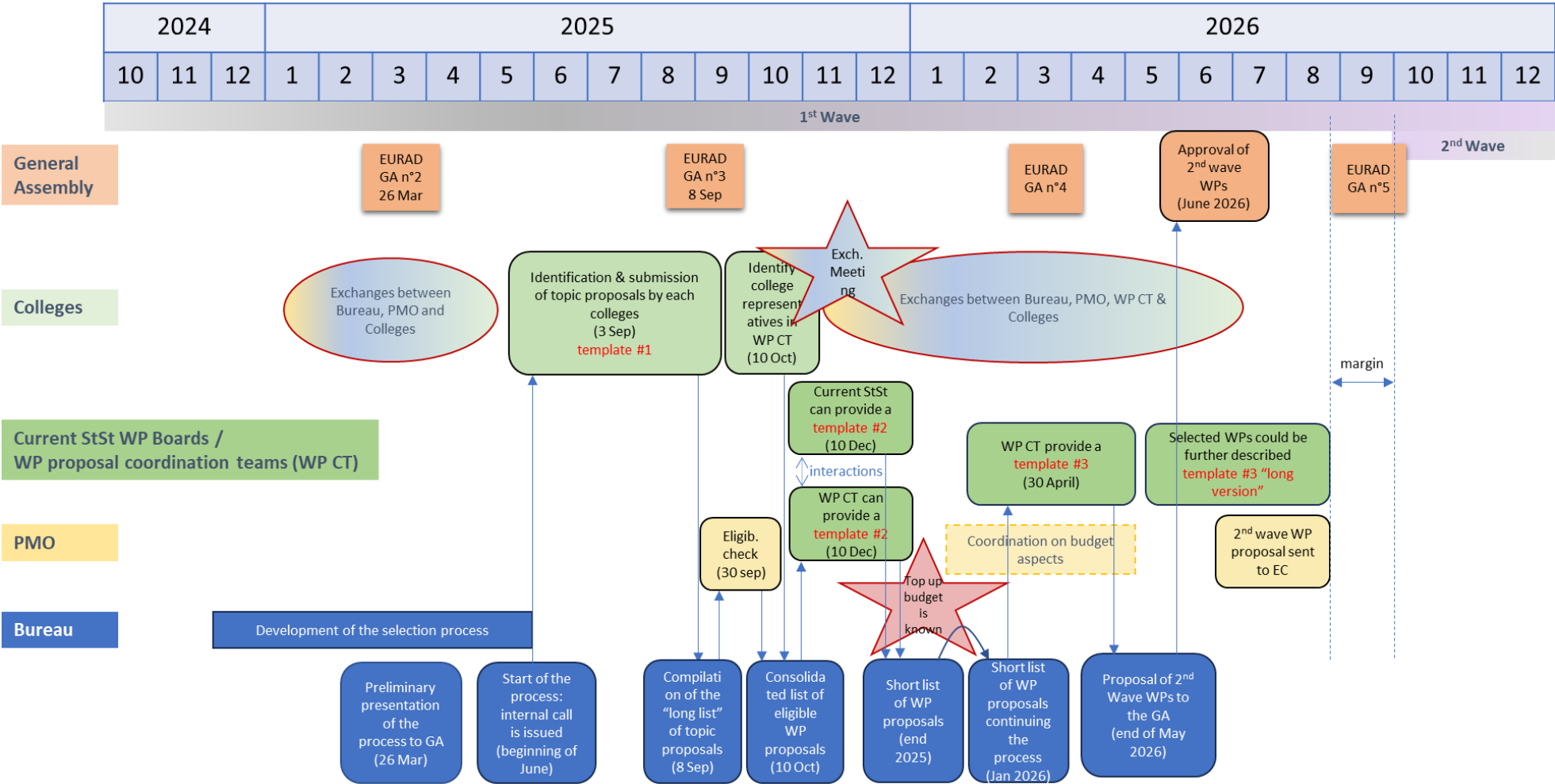


Figure 1: Master Schedule of the 2nd wave selection process

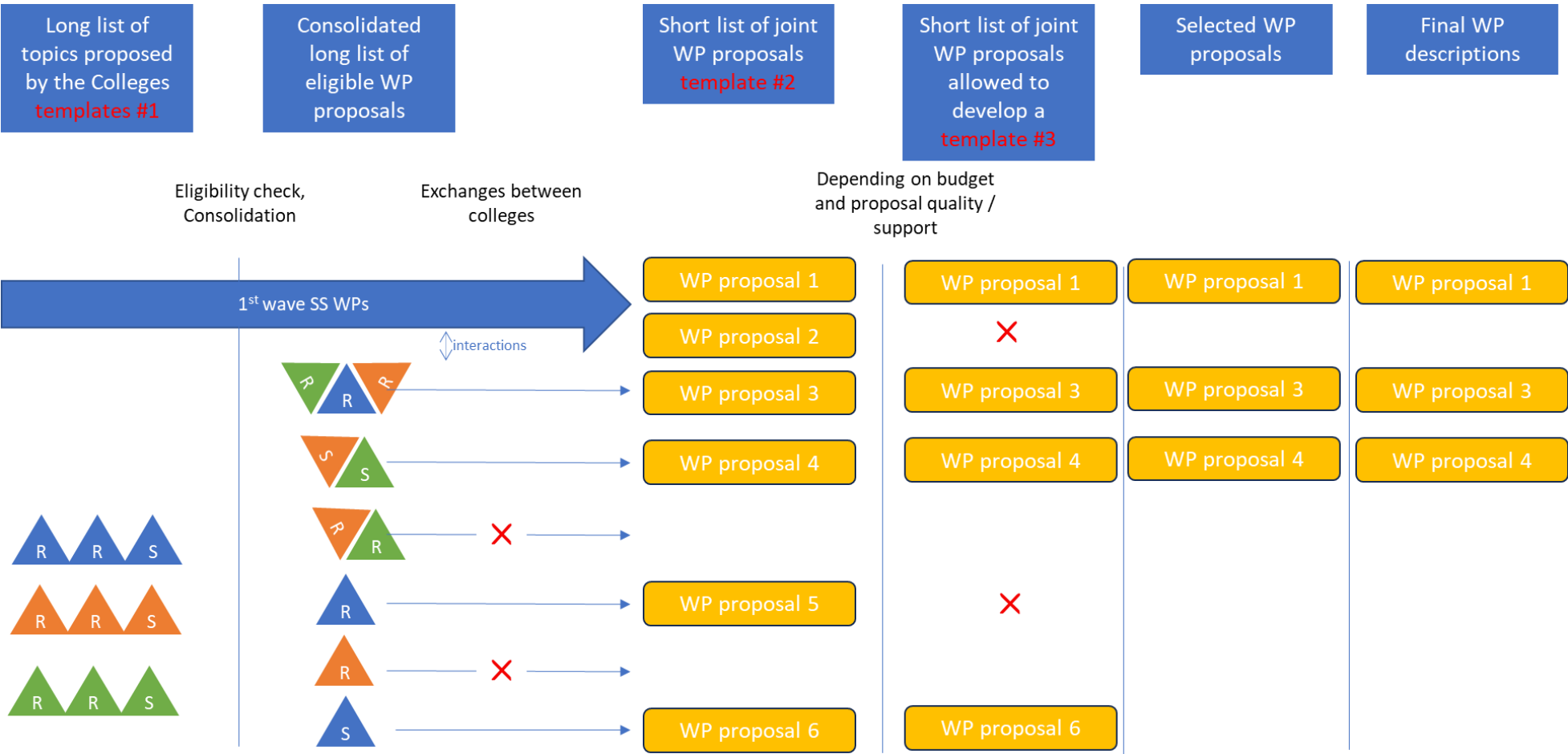


Figure 2: Illustration of the application of the selection process (hypothetical, for illustration purpose only). The Blue, Green and Orange triangles represent topics submitted by the Colleges for 2<sup>nd</sup> wave WP activities (the different colours identify the three Colleges, R and S triangles refer to RD&D and StSt WP activities, respectively). A red cross illustrates a stop in a WP development process.

## 2.1 Collecting proposals for 2<sup>nd</sup> wave WPs

The collection of proposals for 2<sup>nd</sup> wave activities will follow 2 different mechanisms:

- The collection of topics (not connected with the scope of the 1<sup>st</sup> wave StSt WPs) for 2<sup>nd</sup> wave WPs has to follow the mechanism detailed in §2.1.1. The Colleges are responsible for submitting these topic proposals.
- The collection of RD&D WP proposals connected with the scope of the 1<sup>st</sup> wave StSt WPs has to follow the mechanism detailed in §2.1.2. The 1<sup>st</sup> wave StSt WP Boards are responsible for submitting these proposals.

### Important remarks:

- 1<sup>st</sup> wave StSt WPs wishing to propose 2<sup>nd</sup> wave new StSt (e.g. in an additional task in their WPs) or RD&D (not connected with their scope) activities shall follow the mechanism detailed in §2.1.1.
- Similarly, 1<sup>st</sup> wave RD&D WPs wishing to propose 2<sup>nd</sup> wave new StSt or RD&D activities (e.g. in an additional task in their WPs) shall follow the mechanism detailed in §2.1.1.

### 2.1.1 Topic proposals not connected to the scope of the 1<sup>st</sup> wave StSt WPs

The call (internal to EURAD-2) for proposing new topics to be addressed in 2<sup>nd</sup> wave WPs was issued by the Bureau on 3/6/2025. Each EURAD-2 College (WMO, RE and TSO) has to respond to this call by the 3<sup>rd</sup> of September 2025 by sending to the Bureau a maximum of 4 proposed topics for new RD&D WPs and 2 proposed topics for new StSt WPs. The number of proposed topics is based on the following assumptions:

- On the basis of WPs launched in the 1<sup>st</sup> wave of EURAD-2, the average EC contribution to a RD&D WP is about 2.5M€ (minimum 1.86M€, maximum 2.88M€) for 5 years and that for a StSt WP is 0.75M€ (minimum 0.5M€, maximum 1M€) for 2 years.
- If the same budget terms are used as in the 1<sup>st</sup> wave, the Bureau estimates a maximum EC contribution of 1.5M€ (3M€ of eligible costs) for a 3-year 2<sup>nd</sup> wave RD&D WP and 0.75M€ (0.75M€ of eligible costs) for a 2-year 2<sup>nd</sup> wave StSt WP (considering that a 2<sup>nd</sup> wave StSt WP would only last 2 years to allow capitalising its results in a possible proposal for a third EURAD implementation phase).
- The unallocated budget for 2<sup>nd</sup> wave RD&D and StSt WPs in Table 3 (a) (about 4.5M€ EC contribution for RD&D WPs and 1M€ EC contribution for StSt WPs) could thus lead to 3 new RD&D WPs and 1 new Strategic Studies WP in the second wave.
- If a top-up budget of more than 20M€ is allocated by the EC, it will be possible to implement more 2<sup>nd</sup> wave RD&D and/or StSt WPs. For instance, with a 30M€ top-up from the EC <sup>Erreur ! Signet non défini.</sup>, about 7 RD&D WPs and 3 StSt WPs could be implemented in the 2<sup>nd</sup> wave (considering the above-mentioned maximum WP budgets). In such a scenario, the Bureau thinks the maximum of **12 new topics for RD&D WPs (maximum 4 proposals from each College)** and **6 new topics for StSt WPs (maximum 2 proposals from each College)**, as well as the WP proposals from 1<sup>st</sup> wave StSt (see §2.1.2) will form a sufficient basis to select enough new 2<sup>nd</sup> wave WPs of joint interest.

### Important remarks:

- Each College must consult all its members to build its proposals for new topics.
- These proposals shall be driven by needs identified by the Strategic Research and Knowledge Management Agenda (SRA) of EURAD [6].
- Another important input for the Colleges is the “mapping” developed by the Bureau of the topics proposed by the Colleges in the EURAD-2 1<sup>st</sup> wave selection process [7].

Each College WP suggested topic proposal must be described using the template #1 given in the Appendix A and providing the following elements:

- A contact point from the College making the proposal. The contact point cannot be a member of the PMO or the Bureau or a current WP Leader (WPL);
- Identify links with the EURAD Roadmap [8] and SRA [6] (which SRA topics and drivers are linked to the proposal?);
- A brief description of the topic;



- A justification for the choice of this topic on the basis of the key objectives of collaborative RD&D and Strategic Studies activities;
- A Preliminary list of the College's organisations expressing an interest in the topic and in principle a willingness to partly fund work in this topic area (in case of RD&D WPs).

The list of all received topic proposals forms **the long list of topic proposals**. As described in the sections 2.2 and 2.3, eligible topic proposals will then be consolidated in WP proposals to be further investigated by the Colleges.

### 2.1.2 Proposals connected to the scope of the 1<sup>st</sup> wave StSt WPs

Considering that the scope of the ongoing 1<sup>st</sup> wave StSt WPs is de facto considered as "strategic" by the Colleges and considering that it is part of the mission of a StSt to provide recommendations for future activities connected with their scope, the 1<sup>st</sup> wave StSt WPs are invited to directly propose 2<sup>nd</sup> wave RD&D WPs in a template #2 (see Appendix B) by 10 December 2025. This mechanism allows the StSt WP to progress in their work programme and to identify needs of new activities until Month 14, before submitting 2<sup>nd</sup> wave WP proposals.

#### Important remarks:

- In this mechanism filling and submitting a template #1 is not required.
- As mentioned in the important remark at the beginning of §2.1, 1<sup>st</sup> wave StSt WPs wishing to propose 2<sup>nd</sup> wave new StSt (e.g. in an additional task in their WPs) or RD&D (not connected with their scope) activities shall follow the mechanism detailed in §2.1.1.
- The StSt WP Boards must liaise with their corresponding WP participants and the Colleges before proposing a template #2, to have consensus on the RD&D WP scope and need.
- As mentioned in §2.3, 1<sup>st</sup> wave StSt will also be consulted in the period October – December 2025 to detect and, if found appropriate, integrate 1<sup>st</sup> wave StSt recommendations in the WP proposals coming from proposals formulated through the mechanism in §2.1.1.

## 2.2 Verifying the eligibility of the collected proposals

The PMO will verify that all collected proposals are eligible. The criteria to be met in order to be eligible are as follows:

- Be consistent with EURAD Vision [9], SRA [6] and Roadmap [8];
- To be linked to EURAD SRA topics and associated drivers;
- Avoid duplication of existing international activities or repetition of what has been done in the past (at national or European levels);
- Do not cover topics that are currently being addressed by other ongoing EC projects (both within and outside of EURAD-2);
- Respect of the mechanisms presented in §2.1 above. Obviously, to be eligible, a 2<sup>nd</sup> wave WP proposal from a 1<sup>st</sup> wave StSt (through the mechanism presented in §2.1.2) must have as objective to answer needs identified in the corresponding 1<sup>st</sup> wave StSt.

If a proposal does not meet these criteria, it may be rejected. The eligibility check is planned:

- from September 15 to 30, 2025, for the proposals received through the mechanism presented in §2.1.1.
- from December 10 to December 19, 2025, for the proposals received through the mechanism presented in §2.1.2.

## 2.3 Identifying a joint interest in the proposals collected from the Colleges

From October 1 to 15, 2025, the Bureau will carry out an initial analysis of the Colleges' proposals which are eligible and propose, in collaboration with the Colleges, a **consolidated list of eligible WP proposals**. This list will be the basis for developing WP proposals which will form, together with the WP proposals from the 1<sup>st</sup> wave StSt collected through the mechanism in §2.1.2, the short list (see the next section). For defining the consolidated list of eligible WP proposals, the initial College topic proposals will not be modified, but some proposals could be merged together for instance if they cover similar topics. The Bureau will not "force" the

merge of proposals but will play the role of a facilitator and let the Colleges (in connection with the organisations supporting the proposals) decide if such a merge is relevant from scientific point of view.

Each WP proposal will then be associated with a coordination team (WP CT) composed of 1 representative from each College. WP CT members cannot be in the PMO, the Bureau or current WPLs. From October 15 to December 10 each WP CT will be invited to investigate the potential joint interest between the 3 Colleges in its WP proposal and fill in a template #2 (Appendix B). The Bureau will organise online exchange meetings at the end of October 2025 to promote scientific exchanges between the Colleges and the WP proposals and support the WP CT in their tasks. An in-person meeting on 26/11/2025 will also be organised (aside of the IGD-TP Exchange Forum, a save the date will be sent by the Bureau) to address remaining questions about the development of the templates #2 by the WP CT.

The template #2 is quite similar to the template #1, with the following additional elements:

- A better description of the scope of the topic: why, what's in and what's out;
- A better description of the links with ongoing collaborative RD&D WPs, Strategic Studies WPs and Knowledge Management WPs.
- A comprehensive list of interested organisations (from the different Colleges) and their level of involvement;
- For collaborative RD&D topics: a high-level synthesis of the current knowledge base on the proposed topic (3 to 5 pages) which corresponds to a limited broad State of Knowledge but with clear conclusions / justification of the gaps to be looked at;
- The expected outputs and how they are connected to the current knowledge base / practices.

Important remarks:

- WP CTs will not be forced to propose a template #2. If a sufficient joint interest between the Colleges cannot be found, a WP CT may, in consultation with the Colleges, decide not to provide a template #2 (this is illustrated in Figure 2 by red crosses between the steps corresponding to template #1 and template #2).
- The Bureau will encourage interactions between the WP CTs and the 1<sup>st</sup> wave StSt to detect and, if found appropriate, integrate 1<sup>st</sup> wave StSt recommendations in the WPs in development.

## 2.4 The short list of WP proposals

On December 10, 2025, **the initial short list of WP proposals** will be formed by:

- The template #2 WP Proposals coming from the Colleges (see §2.3).
- The template #2 WP Proposals coming from 1<sup>st</sup> wave StSt WP (see §2.1.2).

The Bureau will structure and rank the WP proposals in this short list, in close liaison with the three Colleges and the PMO, according to the following three criteria:

1. High common interest from the three Colleges toward a proposal that plugs a gap identified in the SRA relative to fulfilment of the EURAD Vision,
2. Joint drivers expressed in the SRA for the topics are covered,
3. To what extent does the proposal contribute to EURAD collaborative RD&D / Strategic Studies objectives (as described in EURAD founding documents):
  - Collaborative RD&D topics: "Activities aiming at developing and consolidating scientific and technical knowledge. Activities shall be a balance between those with a direct link to operational RD&D (direct links with implementation of deep geological disposal or other waste management route as well as safety concerns) and prospective RD&D (short and long-term experiment and/or modelling works to demonstrate the robustness of the waste management concepts, to increase understanding and predictability of the impact of fundamental processes and their couplings or to maintain scientific excellence and competences throughout the stepwise long-term management of radioactive waste)."
  - Strategic Studies topics: "Actions consisting of enabling experts and specialists to network on methodological strategic issues and advance significant challenges that are common to various National Programmes and that are providing clear added value in direct link with scientific and technical issues."

Once the top-up budget will be known, the Bureau and the PMO will be in a position to propose a budget (and final number of WPs) available for the 2<sup>nd</sup> wave. Depending on this budget, and considering the above-mentioned ranking, **the short list of WP proposals allowed to be further developed** will be identified with

the Colleges. This will be an iterative process requiring a consensus building between the Colleges. For instance, the Colleges will have to agree on:

- the distribution of the second wave budget between the RD&D and StSt WPs;
- if a part of the unallocated budget should be secured in order to have a backup plan in case additional budget is needed for KM, for new mandated organisations, for the PMO budget or for specific costs such as travel for the overall EURAD-2 activities.

## 2.5 Further development of the WP proposals and selection of 2<sup>nd</sup> wave WPs

From January 2026 to end of April 2026, the CT will lead the process of detailing the WP proposals that have been approved to move forward (see 2.4), using template #3 (Appendix C). The WP CT have to ensure that the needs / interests of the three Colleges are taken into account in the development of the proposals. In May 2026, the Bureau will evaluate the WP proposals in close liaison with the Colleges. Proposals with the required level of quality will be submitted to the EURAD-2 GA for approval as 2<sup>nd</sup> wave WPs.

Once the 2<sup>nd</sup> wave WPs are approved by the GA (in June 2026):

- An EURAD-2 2<sup>nd</sup> wave proposal will be prepared to answer the EC call associated to the 2026-2029 EURATOM Work Programme (this will be coordinated by the PMO). Note that it is expected that only excerpts from the WP Proposals in template #3 will be used to develop the proposal.
- The 2<sup>nd</sup> wave WP Boards (WPL and Task leaders, to be defined in template #3) will have the possibility to further detail the description of their WP, in preparation of their Kick-Off in October 2026.

## 3. Managing the selection process

The planning of the selection process is challenging (approval of the WPs by June 2026 by the GA). This implies therefore a control of the deadlines at each step to avoid any drift, as well as clear roles for the decisions to take. The control of the deadlines and the coordination of the process will be done by the Bureau. The key dates associated with the selection process are summarized in Table 4. The roles associated to all decisions are detailed in Table 5. When the Bureau is accountable for a decision, it plays a coordinator and facilitator role for making the decision happening by the responsible(s) for the decision. The Bureau has no "enforcement" possibilities and it depends on the "good will" from the Colleges. The Bureau expects to receive a good and constructive support from the Colleges. If a consensus cannot be reached by the Colleges, the Bureau will be responsible for making a proposal about how to move forward. In addition to the Bureau, the Colleges (and their leadership organisations) and the PMO, the Chief Scientific Officers (CSOff) will be consulted in the process.

Table 4: Key steps and dates of the selection process. Dates depending from the EC call for 2026-2029 Work Programme are tentative (they will be confirmed when the call is published).

Key steps of the selection process	Dates
Start of the selection process for 2 <sup>nd</sup> wave activities	3/6/2025
Submission of topics for WP proposals by each College (maximum 4 RD&D and 2 StSt topics not connected to the scope of 1 <sup>st</sup> wave StSt, in template #1)	3/09/2025
Evaluation of the eligibility of proposed topics for WP proposals	15-30/09/2025
Definition of a consolidated list of WP proposals by the Bureau and corresponding WP CT identification	1-15/10/2025
Online exchange meetings about WP proposals	2nd half of October 2025

In person exchange meeting on remaining questions	26/11/2025
Deadline for WP CT providing a template #2	10/12/2025
Proposal by 1st wave StSt WP Boards of 2nd wave RD&D WPs connected to their scope (in template #2)	10/12/2025
Evaluation of the eligibility of 2nd wave RD&D WPs proposed by 1st wave StSt WP Boards	10-19/12/2025
Short list of WP proposals allowed to be further developed	January 2026 (exact date depends on when the Work Programme 2026-2029 is published by the EC).
Detailing the WP proposals allowed to be further developed	January 2026 to end of April 2026
Bureau will evaluate the WP proposals in close liaison with the Colleges. Proposals with the required level of quality will be submitted to the EURAD-2 GA for approval as 2nd wave WPs.	May 2026
EC Call for Work Programme 2026-2029 is answered.	May 2026
EC evaluation results	August-October 2026
Start of 2nd wave WPs	1/10/2026

Table 5: Roles for the different decisions related to the selection process.

Decisions	Responsible	Accountable	Consulted	Informed
Opening the internal call	Bureau	PMO		College leadership organisations.
Proposal of 4 RD&D and 2 StSt topics by each College (template #1)	Each College is responsible for its proposals (to be facilitated by the College leaderships organisations).	College leadership organisations		
Declare proposed topics & WP proposals from existing StSt as eligible or not.	PMO	Bureau	Bureau	College leadership organisations.
Recommend a consolidation of eligible topics.	Bureau	Bureau	Colleges through their leadership organisations.	College leadership organisations, PMO.
Decision to submit a WP proposal (template #2 or #3, supported by the 3 Colleges) to the Bureau.	Colleges through their leadership organisations.	College leadership organisations	All College leadership organisations, CSOffs	Bureau
Decision from an existing StSt to submit a WP proposal (in the	StSt WP Board	PMO (through its PMO contact with that StSt).	PMO (through its PMO contact with that StSt),	Bureau

scope of their work) to the Bureau (template #2, supported by the 3 Colleges).			Colleges through their leadership organisations, CSOffs	
Decision about the ranking of the WP proposals in the short list (template #2).	Colleges through their leadership organisations.	Bureau	All College leadership organisations, CSOffs	College leadership organisations, PMO.
Decision about the budget to allocate to 2 <sup>nd</sup> wave WPs (depending on the top-up). This includes a decision about a possible “reserve budget” for future urgent activities and a decision about the distribution of the 2 <sup>nd</sup> wave budget between the RD&D and the StSt activities.	Colleges through their leadership organisations.	Bureau	All College leadership organisations, CSOffs	College leadership organisations, PMO.
Decision about the WP proposals (template #3) which will be selected for approval by the GA as 2 <sup>nd</sup> wave WPs.	Colleges through their leadership organisations.	Bureau	All College leadership organisations, CSOffs	College leadership organisations, PMO.
Formal approval of the 2 <sup>nd</sup> wave WP	General Assembly	Bureau	Bureau	College leadership organisations, PMO,  Bureau, CSOff, WP Boards of 2 <sup>nd</sup> wave.

## References

- [1] [EURAD-2 Grant Agreement AMENDMENT No AMD-101166718-7](#)
- [2] [EURAD-2 Consortium Agreement](#)
- [3] [EURAD-2 First General Assembly, slides about agenda point 7 Budget & Payment](#)
- [4] [EURAD-2 First General Assembly, slides about agenda point 6 Annual Clock & Timing](#)
- [5] [Minutes of the EURAD-2 Second General Assembly](#)
- [6] [EURAD Strategic Research and Knowledge Management Agenda \(SRA\), version 2013.](#)
- [7] [Mapping of EURAD-2 1<sup>st</sup> wave WP proposals by Colleges](#)
- [8] [EURAD Roadmap](#)
- [9] [EURAD Vision](#)

## Appendix A.      Template #1

(Based on template #1 issued by the Core Group for 1<sup>st</sup> Wave, 2022)

## EURAD-2 2<sup>nd</sup> wave -topics description (Template #1)

### 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 Bureau by **September 3<sup>rd</sup> 2025** 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](mailto:euradscience@sckcen.be)
- For Technical Support Organisations: [secretary@sitex.network](mailto:secretary@sitex.network)
- For Waste Management Organisations: [secretariat@igdtp.eu](mailto:secretariat@igdtp.eu)

To facilitate the process, the subject line of email should state: "[EURAD-2 2<sup>nd</sup> wave topics proposal]".

**Proposals that are not submitted via the Colleges, cannot be considered for EURAD-2 2<sup>nd</sup> wave.**

### 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 and share every data or document publicly.
- 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.
- a maximum total budget per work package proposal (EC distribution + co funding) of is **recommended**:
  - o 3 million € for a R&D work package
  - o 1 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 2<sup>nd</sup> wave webinar, to be held in October 2025, and/or at the EURAD-2 2<sup>nd</sup> wave WP discussion, to be held in Prague on November 26th.**

*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 2<sup>nd</sup> wave 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](mailto:dpd@andra.fr).*



Topic			
College	<input type="checkbox"/> RE	<input type="checkbox"/> TSO	<input type="checkbox"/> WMO
Type of activity	<input type="checkbox"/> R&D	<input type="checkbox"/> Strategic Study	
Links with <a href="#">EURAD SRA / Themes</a> (if multiple choices, indicate the primary link in <b>bold</b> )	<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 <a href="#">EURAD Roadmap Domain Insights</a> (if multiple choices, indicate the primary link in <b>bold</b> )	Example: - 1.1.4 Safety, security and use of resources - 3.1.1 Spent Nuclear Fuel		
<a href="#">SRA drivers<sup>1</sup></a>	<input type="checkbox"/> Implementation Safety	<input type="checkbox"/> Tailored Solutions	<input type="checkbox"/> Scientific Insight
	<input type="checkbox"/> Innovation Optimisation	for <input type="checkbox"/> Societal Engagement	<input type="checkbox"/> Knowledge Management

<sup>1</sup> **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	
Objective (What) – 1 sentence	
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	
Links with previous or ongoing projects / work packages	
Main contact (name, email, phone number)	
Additional information	

**Links:**

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

EURAD SRA: <https://www.ejp-eurad.eu/publications/eurad-d19-update-eurad-sra>

## Appendix B. Template #2

(Based on template #2 issued by the Core Group for 1<sup>st</sup> wave, 2023)

This template is provisional and will be included in a later version of this document.

## EURAD-2 Selection process for the second wave activities of EURAD-2: Terms of References

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 2nd wave 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](mailto:dpd@andra.fr).

Short Acronym and full Title			
Type of activity	<input type="checkbox"/> R&D	<input type="checkbox"/> Strategic Study	
Budget estimation (total budget in M€, i.e ~ 1.5 M€)		Duration of the WP (in months)	
Links with EURAD SRA / Roadmap Themes (if multiple choices, indicate the primary link in <b>bold</b> – maximum 3)	<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 SRA topics (if multiple choices, indicate the primary link in <b>bold</b> – maximum 3)	<i>Please indicate the corresponding Domains (number) and Description of R&amp;D, StSt or KM needs (second column of SRA)</i> Example: - <b>1.1.1: National RWM policy</b> - 2.2.4: Storage - 5.1.1: Design Requirements		
SRA drivers (maximum 3)	<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			
Justification: impact / innovation / added-value (Why) – bullet points or short paragraph (maximum quarter of a page)			
List of planned tasks / subtasks			

## EURAD-2 Selection process for the second wave activities of EURAD-2: Terms of References

with % of effort per task (5% increments) <b>(Maximum 10 bullets)</b>	
List of expected outcomes linked to the identified SRA drivers <b>(Maximum 6 bullets)</b>	
Deliverables <b>(Maximum 6 – including the prescribed deliverables)</b>	
Critical input requirements & identified risks	
(Optional - Explain what is out of the scope?)	
List of preliminary interested organisations as partners in the WP contributing effort; % of effort (person months, by College)	
If applicable - links with previous projects / work packages	
WP Preparation Team (1 member per College) contact (organisation + person, email)	

## Appendix C.      Template #3

(Based on template #3 issued by the Core Group for 1<sup>st</sup> wave, 2023)

This template will be included in a later version of this document.