

EURAD-2 SECOND WAVE

RD&D and StSt WP selection process

EURAD-2 Bureau



Co-funded by the European Union under Grant Agreement n° 101166718



OUTLINE

- What is the context of the EURAD-2 2nd wave ?
- How is the selection process organised ? (+ some practical info about template #1)
- What are the important decisions & dates to come ?
- How can you raise questions ?



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CONTEXT: EURAD-2 FLEXIBILITY MECHANISM

*EURAD-2's ambition is to be **as needs-driven as possible**; therefore, the programme will again be **deployed in a two wave format** to ensure the possibility of **integrating any new emerging from the community**. Therefore, only part of the budget is allocated at the start of the programme. The remaining is provisioned under the Coordinator's budget.*

*It is anticipated that the **second wave** of work packages (WPs) will be **defined in 2025-2026 depending on available Euratom funding**, to allow a **duration of 3 years** for those additional future work packages.*

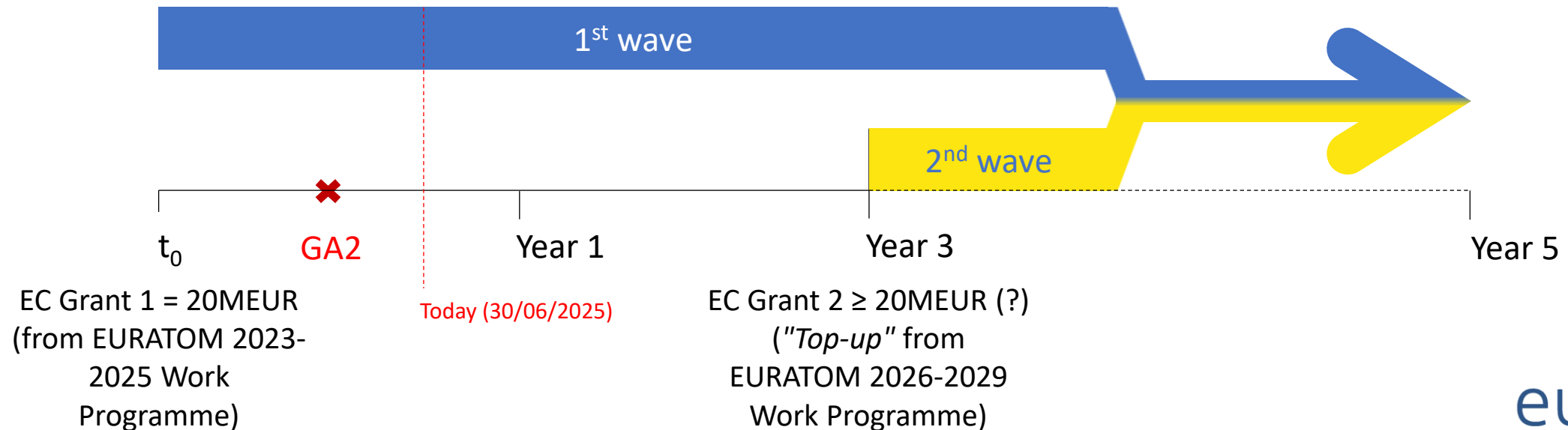
*Proposals for new Research, Development and Demonstration (RD&D) and Strategic Studies (StSt) WPs will emerge as EURAD-2 progresses. These will be considered in an **open and transparent process** guided through the EURAD-2 governance structure. After this selection process, the WPs will be reviewed and **approved by the General Assembly**.*

See §1.2.9.1 of EURAD-2 Grant Agreement (Part B)

CONTEXT: 2 WAVES OF RD&D & STST ACTIVITIES

EURAD-2 Programme was built considering:

- A 1st EC grant of 20MEUR at the beginning of EURAD-2 + a 2nd grant (top-up) of at least 20MEUR at year 3.
- 2 Waves of R&D and StSt activities.



CONTEXT: THE 1ST WAVE

#	WPs	Time	Funding rate
1	PMO	5y	100%
1	KM	5y	100%
6	StSt	2y	100%
10	RD&D	4-5y	50%

WP number	WP name	Total Cost (EC grant + co-financing)	WMO	TSO	RE
Programme Management Office					
1	Programme Management Office (PMO)	4 M€	◆◆	◆	◆
Knowledge Management					
2	Knowledge Management (KM)	2,7 M€	◆◆◆	◆◆◆◆	◆◆◆◆
Collaborative RD&D					
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€	◆◆◆◆◆	◆◆◆◆	◆
Strategic Studies					
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€	◆◆	◆	◆◆◆◆

◆ WP Leader
 ◆ WP Leader as Affiliated Entity
 ◆ WP Leader as Associated Partner

CONTEXT: HOW MANY R&D AND STST WPS IN THE 2 ND WAVE ?

If Top-up = 20MEUR

In €		
RD&D WPs	Not allocated direct costs	7 215 526
	Not allocated indirect costs	1 803 882
	Not allocated eligible costs	9 019 408
	Not allocated EC contribution	4 509 704
StSt WPs	Not allocated direct costs	819 482
	Not allocated indirect costs	204 870
	Not allocated eligible costs	1 024 352
	Not allocated EC contribution	1 024 352
Total (StSt + RD&D WPs)	Not allocated direct costs	8 035 008
	Not allocated indirect costs	2 008 752
	Not allocated eligible costs	10 043 760
	Not allocated EC contribution	5 534 056

≈ 3 new R&D WP

≈ 1 new StSt WP

If Top-up = 30MEUR

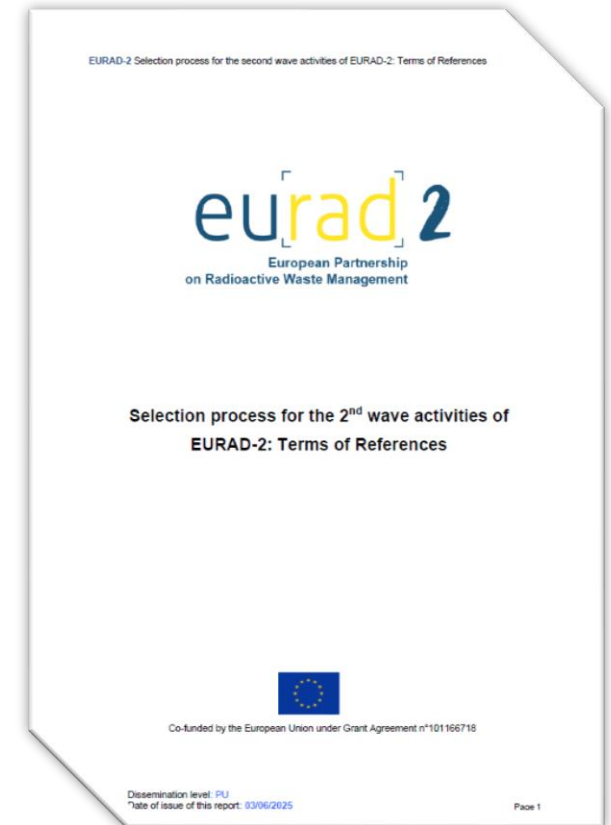
≈ 7 new R&D WP

≈ 3 new StSt WP

And all WPs from 1st wave will continue as planned !

CONTEXT: NEED OF A SELECTION PROCESS

- **Development of a selection process which is:**
 - Fair for the different categories of EURAD actors;
 - Steered by the EURAD Vision, Roadmap and SRA;
 - Shared and approved by the EURAD community;
 - Aligned with the context for the 2nd wave (possible number of WPs...).
- **This process was developed by the Bureau, introduced at GA2 and published on 3/06/2025.**





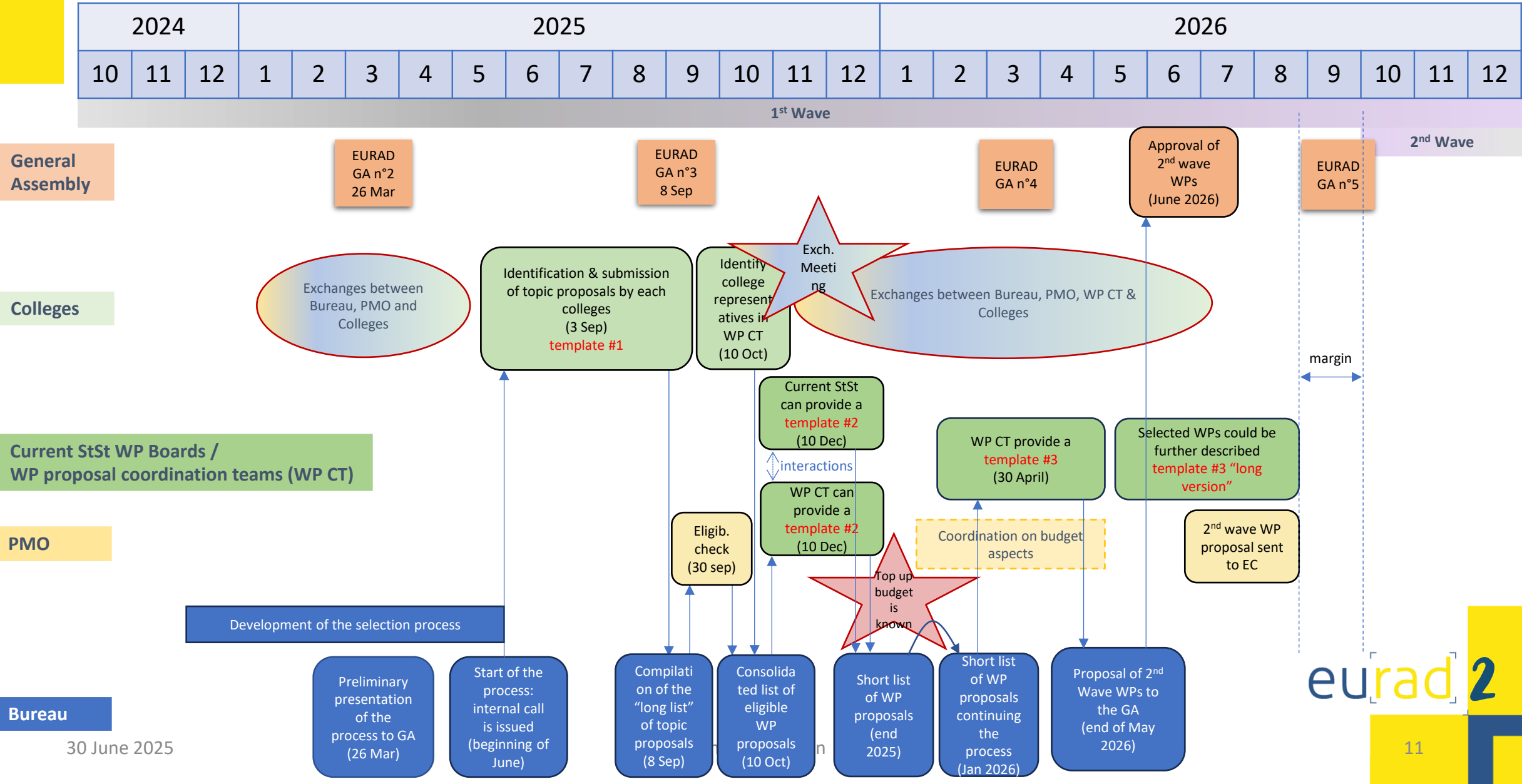
OUTLINE

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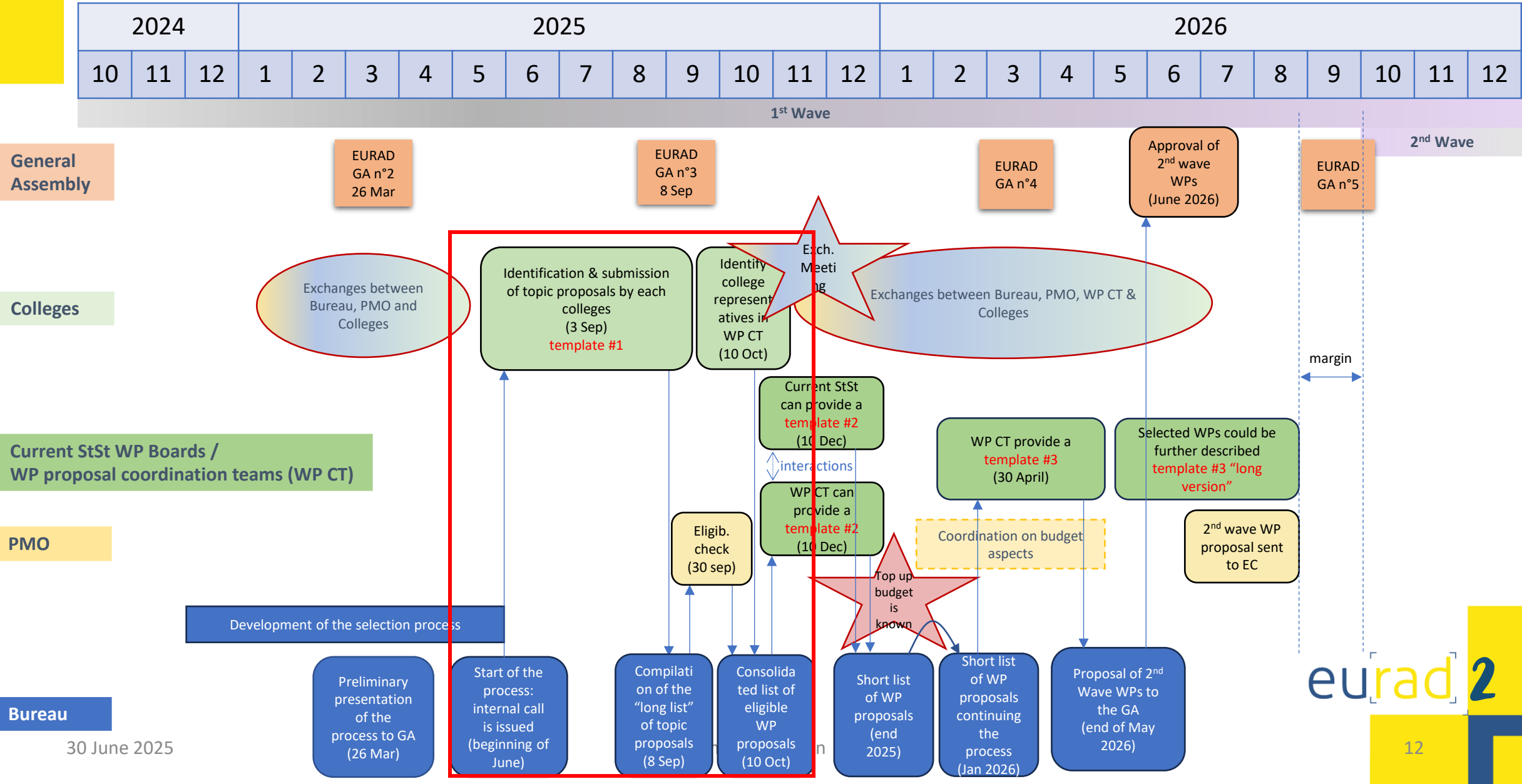
SELECTION PROCESS: BASIC PRINCIPLES

- 3-step development process for new WPs activities
 - Template #1 (3/09/2025, proposals of topics for new WPs - non-consolidated between colleges)
 - Template #2 (10/12/2025, WP proposals consolidated between colleges)
 - Template #3 (30/04/2026, final WP proposals consolidated between the colleges)
- Current StSt are allowed to propose R&D WPs connected to their scope of activities directly in a template #2 (no template #1 needed).
- The proposal of all other 2nd wave activities have to go via a template #1. Proposal meeting a joint interest from the Colleges will then be further described in a template #2.
- Selection of the template #2 WP proposals allowed to move to template #3 will notably depend on the top-up budget. So we need "enough" templates #2 to manage the uncertainty about the top-up budget (20MEUR, or 30, or... ?).

SELECTION PROCESS: OVERVIEW



SELECTION PROCESS: OVERVIEW



SELECTION PROCESS: 3RD OF SEPTEMBER TO 10TH OF OCTOBER 2025

- **To do by the Colleges:**

- Colleges organise themselves to identify the topics for new activities they want to include in template #1.
- Colleges fill in template #1 and submit them to the Bureau.
- Maximum 4 R&D templates #1 and 2 StSt templates #1 per College.

- **Important remarks:**

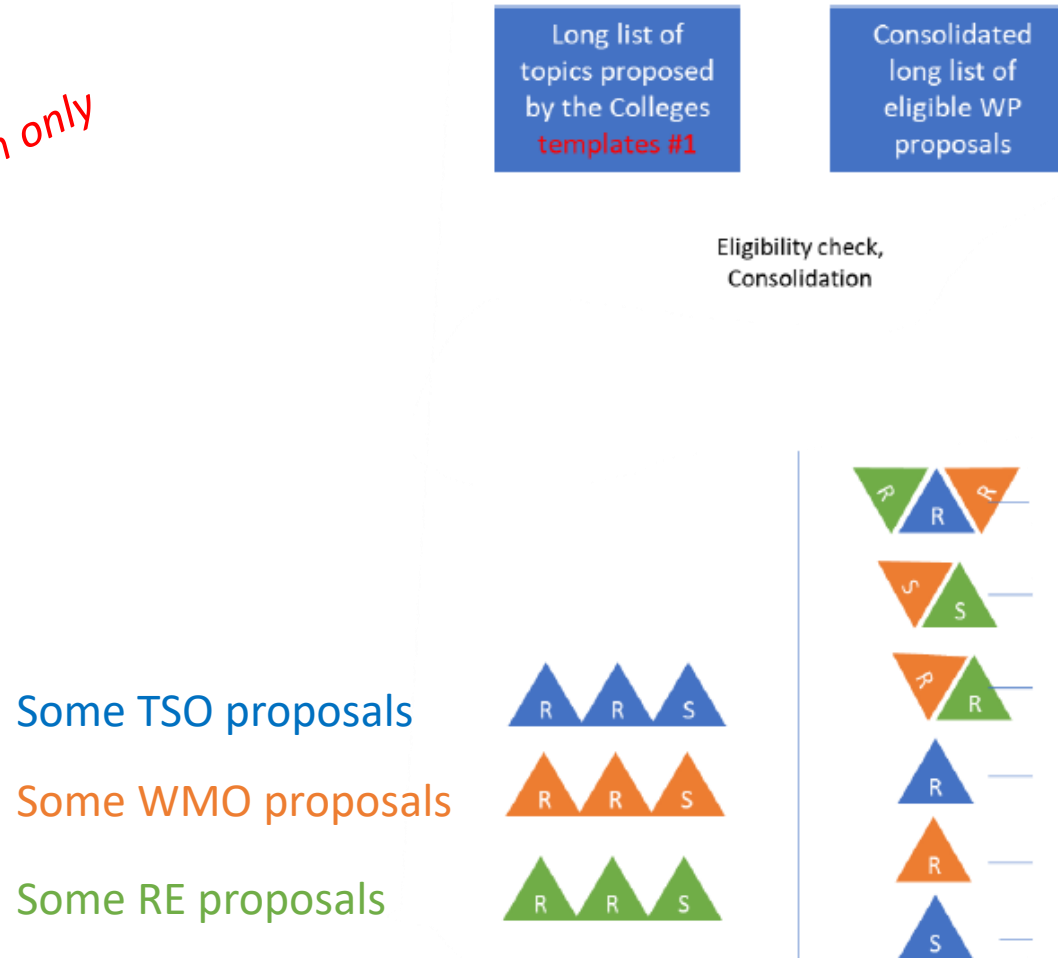
- 1st wave StSt WPs wishing to propose 2nd wave new StSt (e.g. in an additional task in their WPs) or RD&D (not connected with their scope) activities shall provide a template #1 via a College.
- Similarly, 1st wave RD&D WPs wishing to propose 2nd wave new StSt or RD&D activities (e.g. in an additional task in their WPs) shall provide a template #1 via a College.
- **Eligibility criteria:**
 - Be consistent with EURAD Vision, SRA and Roadmap;
 - 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 the selection process Terms of References.

SELECTION PROCESS: 3RD OF SEPTEMBER TO 10TH OF OCTOBER 2025

- **To do by the Bureau and PMO:**
 - Bureau will communicate on 8th of September the list of templates #1 received from the Colleges ("long list of topic proposals").
 - PMO will evaluate the eligibility of the proposals by the 30th of September.
 - The Bureau, in close liaison with the Colleges and contact persons of the template #1, will consolidate the received eligible topics in possible WPs.
 - This list of possible WPs, as well as the identification of WP coordination teams (1 representative by College) for each of the WPs, have to be available on the 10th of October 2025.
- **Important remarks:**
 - 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.

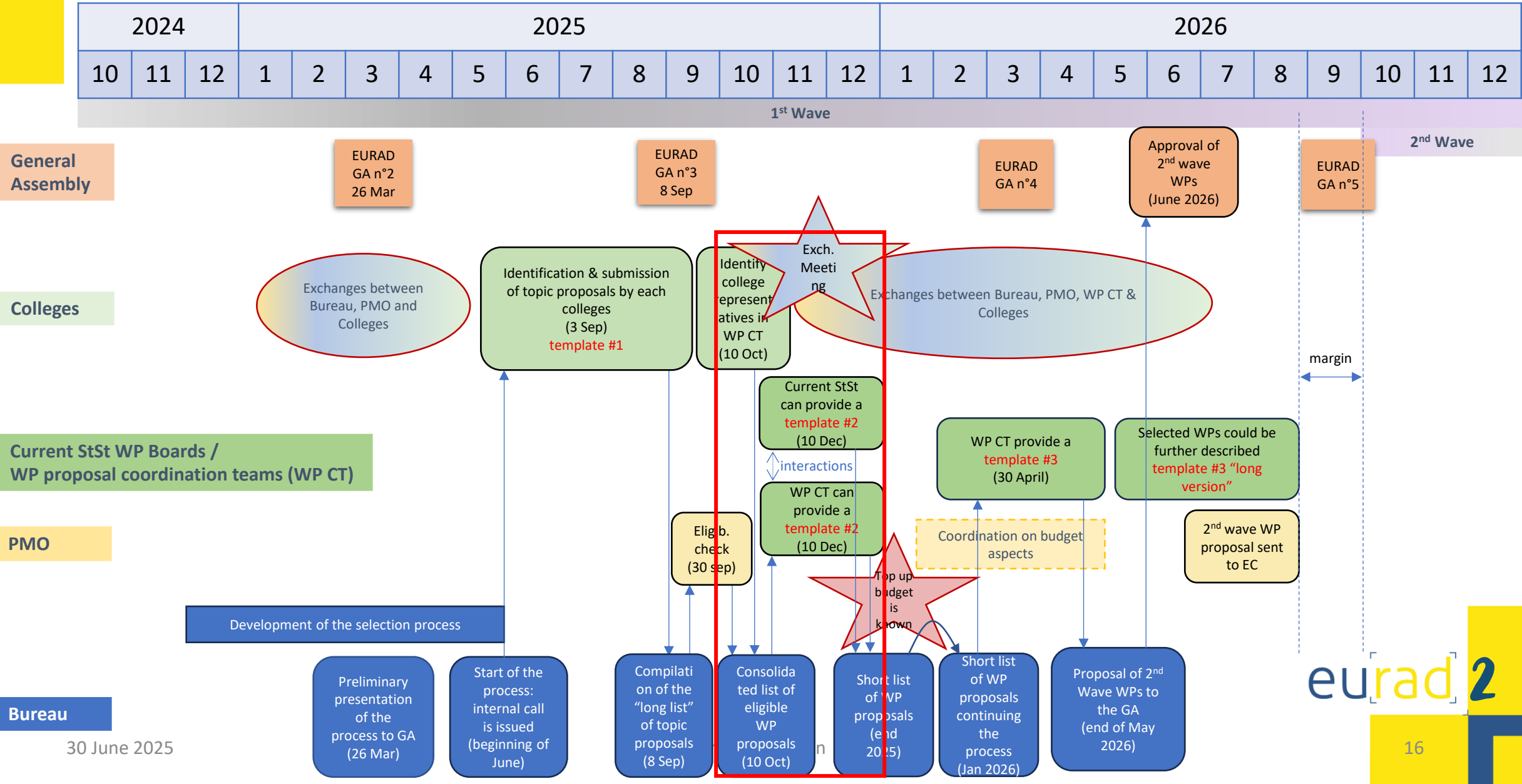
SELECTION PROCESS: 3RD OF SEPTEMBER TO 10TH OF OCTOBER 2025

For illustration only



*Each should have a WP CT (3 representative by College).
If not possible to find a WP CT:
proposal cannot go further.*

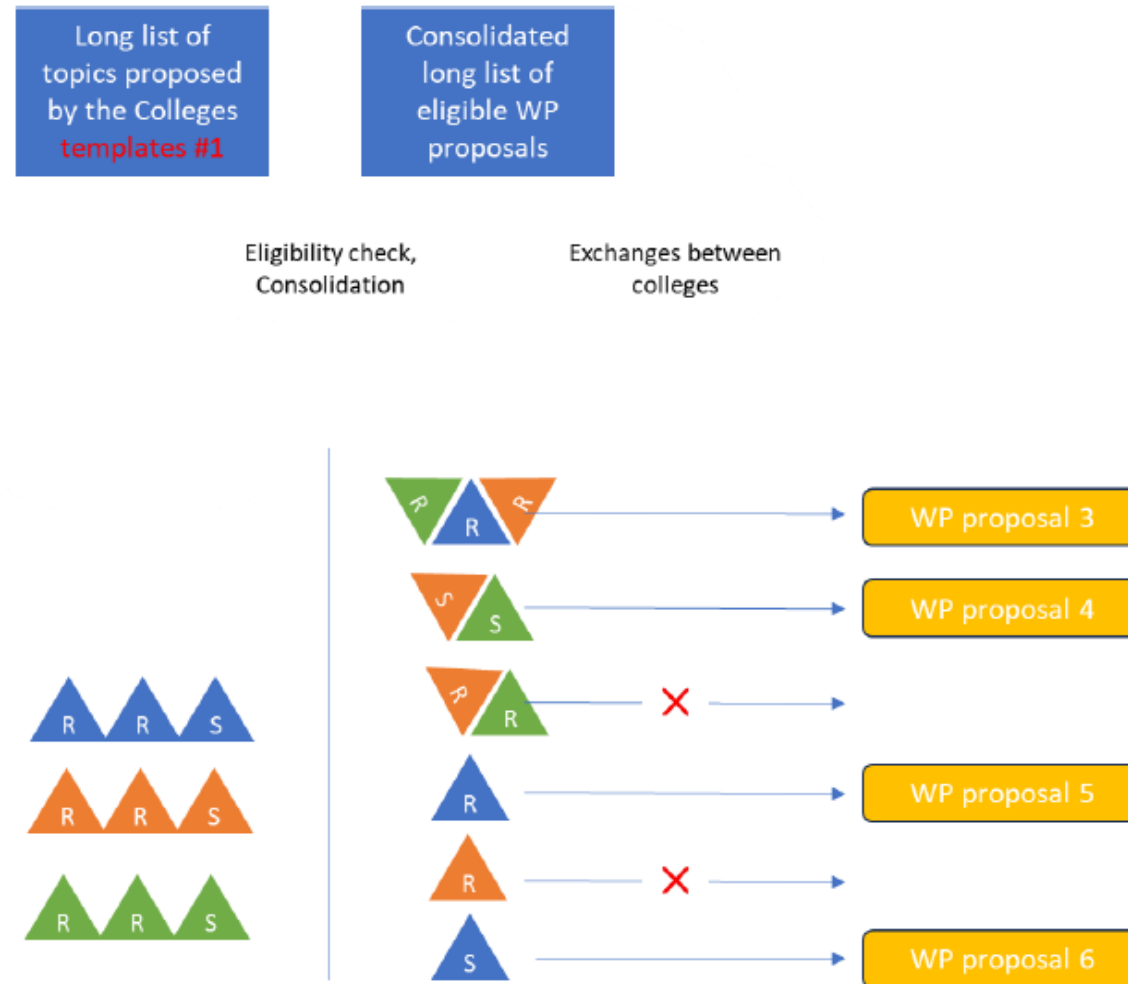
SELECTION PROCESS: OVERVIEW



SELECTION PROCESS: 10TH OF OCTOBER 2025 TO 10TH OF DECEMBER 2025

- **To do by the Colleges & WPCT:**
 - Each WPCT is responsible to evaluate if a joint WP proposal can be developed.
 - The Colleges need to support / liaise with the WPCT.
 - If the Colleges conclude that a WP proposal does not meet enough joint interest, the WP proposal will be dropped.
 - For the proposals meeting a joint interest from the 3 Colleges, a template #2 is expected on 10th of December 2025.
- **Important remarks:**
 - Exchange meetings will be organised online end of October to promote discussions between Colleges (dates will be announced soon, registration needed).
 - A physical meeting will be organised on 26/11/2025 afternoon in Prague (aside of the IGD-TP Exchange Forum). Registration needed: <https://igdtp.eu/igd-tp-exchange-forum-2025-registration-form/>

For illustration only



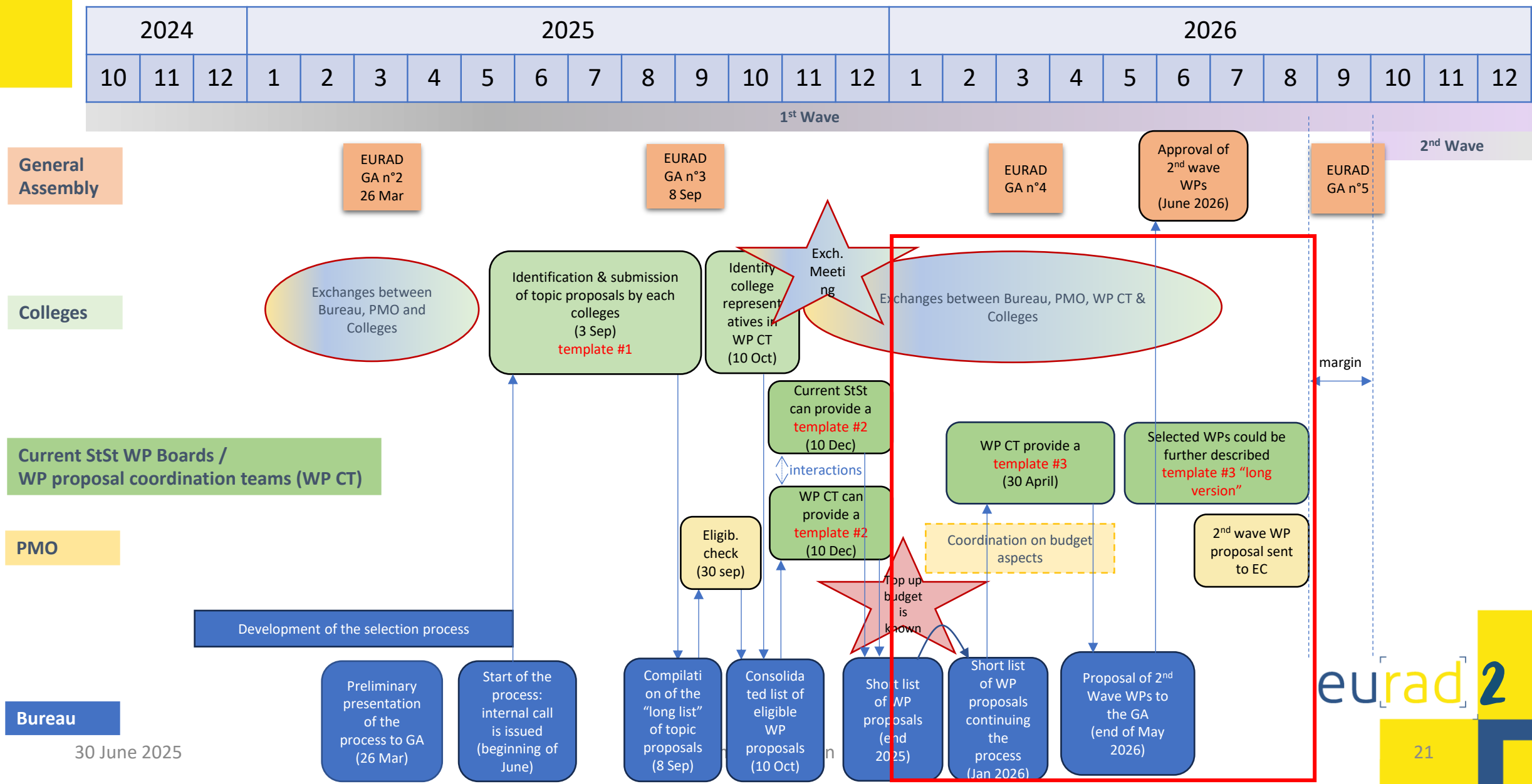
SELECTION PROCESS: CURRENT STST TO MAKE PROPOSALS OF R&D WPS BY 10/12/2025

- **To do by 1st wave StSt WPs:**
 - The 1st wave StSt WPs are invited to directly propose 2nd 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 2nd wave WP proposals.
- **Important remarks:**
 - In this mechanism filling and submitting a template #1 is not required.
 - 1st wave StSt WPs wishing to propose 2nd wave new StSt (e.g. in an additional task in their WPs) or RD&D (not connected with their scope) activities shall provide a template #1 via the Colleges.
 - 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.
 - 1st wave StSt will also be consulted in the period October – December 2025 to detect and, if found appropriate, integrate 1st wave StSt recommendations in the WP proposals coming from proposals formulated through the Colleges template #1.

For illustration only



SELECTION PROCESS: OVERVIEW



SELECTION PROCESS: JANUARY 2026

- According to EC planning, we should know how-much top-up budget is available.
- The templates #2 will be ranked by the Bureau, in close liaison with the Colleges.
- 3 main criteria will be followed:
 - 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,
 - Joint drivers expressed in the SRA for the topics are covered,
 - To what extent does the proposal contribute to EURAD collaborative RD&D / Strategic Studies objectives (as described in EURAD founding documents).
- Considering the top-up budget and the abovementioned ranking, a certain number of WP proposals will be allowed to moved towards template #3.
- the Bureau estimates a **maximum EC contribution of 1.5M€ (3M€ of eligible costs) for a 3-year 2nd wave RD&D WP and 0.75M€ (0.75M€ of eligible costs) for a 2-year 2nd wave StSt WP** (considering that a 2nd wave StSt WP would only last 2 years to allow capitalising its results in a possible proposal for a third EURAD implementation phase).
- **If the top-up = 30MEUR, we anticipate \approx 7 R&D WPs and 3 StSt.**

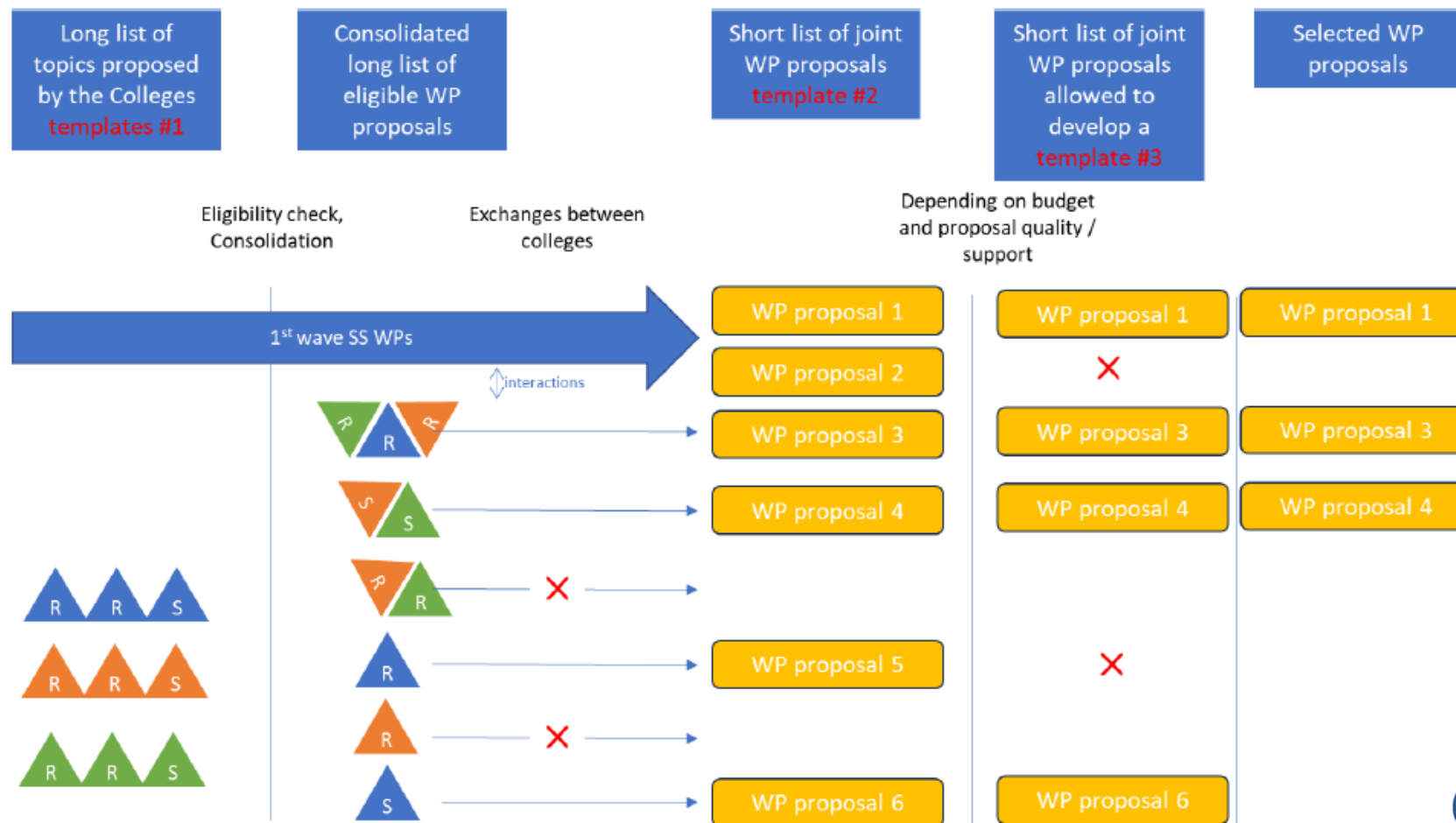


SELECTION PROCESS: FEBRUARY TO JUNE 2026

- **Template #3 development: until the 30th of April 2026.**
- **Expected level of detail = what is needed to answer to the EC call for the second grant (top-up).**
- **Approval of the 2nd wave new WPs by the EURAD-2 GA in June 2026.**

SELECTION PROCESS: FEBRUARY TO JUNE 2026

For illustration only





SELECTION PROCESS: JUNE 2026 TO END OF AUGUST 2026

- PMO prepares the 2nd wave proposal to be submitted to the EC. It will be submitted by the end of August 2026.
- The WP Boards will further develop their WP descriptions, to be ready for a kick-off beginning of October 2026.



TEMPLATE #1: SOME PRACTICAL INFO

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 3rd 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
- For Technical Support Organisations: secretary@sitex.network
- For Waste Management Organisations: secretariat@igdtp.eu

To facilitate the process, the subject line of email should state: “[EURAD-2 2nd wave topics proposal]”.

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

TEMPLATE #1: SOME PRACTICAL INFO

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**:
 - 3 million € for a R&D work package
 - 0.75 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 2nd wave webinar, to be held in October 2025, and/or at the EURAD-2 2nd wave WP discussion, to be held in Prague on November 26th.

TEMPLATE #1: SOME PRACTICAL INFO

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 EURAD SRA / Themes (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)		

TEMPLATE #1: SOME PRACTICAL INFO

<p>Links with EURAD Roadmap Domain Insights</p> <p>(if multiple choices, indicate the primary link in bold)</p>	<p>Example:</p> <ul style="list-style-type: none"> 1.1.4 Safety, security and use of resources 3.1.1 Spent Nuclear Fuel 		
<p>SRA drivers</p>	<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
<p>Justification: impact / innovation / added-value (Why) – bullet points or short paragraph</p>			

TEMPLATE #1: SOME PRACTICAL INFO

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)	

Everything clear?
Any questions?



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OVERVIEW KEY DATES & DECISIONS

- **Organisations & Colleges:** Discussion and selection of topics within each college – ongoing
 - **Colleges:** Submission of topics for WP proposals by each College – **03/09/2025**
 - **Colleges:** Identification of representatives in WP CT – **10/10/2025**
 - **Bureau:** Definition of consolidated list of WP proposals & WP CTs – **15/10/2025**
 - Three online half day exchange meetings about WP proposals – **27/10, 29/10, 31/10/2025**
 - In person exchange meeting on remaining questions – **26/11/2025, Prague**
 - **WP CT, StSt WP boards:** submission of template#2 – **10/12/2025**
 - **Bureau, Colleges:** short list of WP proposals to be further developed – **est. 01/2026**
 - **WP CTs:** provision of WP proposals template#3 – **end 04/2026**
 - **GA:** approval as 2nd wave WPs and submission to EC – **06/2026**
- Selection of topics**
- Selection and development of WP proposals**
- Finalisation and submission of the WP proposals**



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FREQUENTLY ASKED QUESTIONS

Please do not hesitate to ask.

We have established a FAQ document that will be updated continuously



Two received questions:

Q1: In the document presenting the selection process for the second wave activities of EURAD-2, I read, at the bottom of p8: “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);”. If a new activity is proposed to be included in an existing WP, can the WPL be the contact point?

The concerned WPL should be kept informed of the development of such proposals. However, it should be avoided that the WPL becomes the contact point of such a proposal (this could be accepted only as a short-term solution, waiting for the identification of another contact point).

Q2: Is there any action required from the WP Leaders to ensure the continuation of already running WPs, i.e. for the remaining 3 years of EURAD-2. Essentially, do we need to take action (e.g. apply anew) in order to get the rest of the resources we initially requested for the whole 5 years' duration?

The submission of a topic is only applicable in case the WP wants to add activities to the existing WP. The budget for the remaining 3 years of activities already described in the programme do not need to be submitted.

TWO OPTIONS TO PROVIDE QUESTIONS

Send your questions either **via mail** to the coordinator secretariat@ejp-eurad.eu

Or

use the **2nd wave preparation survey**
that will be published after
this information session:

https://ec.europa.eu/eusurvey/runner/EURAD2_2nd_wave_process



Email

Multiple Choice Question

- ☐ WMO
- ☐ TSO
- ☐ RE
- ☐ Regulatory body
- ☐ other

If other, please specify

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QUESTIONS ?

