

# EURAD-2 public webinar #3

Outcomes of the EURAD-2 proposal

28/11/2023

EURAD-2 public webinar #3

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# The Core Group



|  |   |
|--|---|
| <b>COORDINATOR</b>   | <b>Louise Théodon (ANDRA – France)</b>  |
| <b>Waste Management Organisations - WMO COLLEGE</b><br>- via IGD-TP  | <b>Ingo Blechschmidt (NAGRA – Switzerland)</b><br><b>Astrid Göbel (BGE – Germany)</b>   |
| <b>Research Entities - RE COLLEGE</b><br>- via EURAD-Science network; which also includes supply chains and companies              | <b>Christophe Bruggeman (SCK CEN – Belgium)</b><br><b>Lara Duro (AMPHOS 21 – Spain)</b> |
| <b>Technical Support Organizations - TSO COLLEGE</b><br>- via SITEX.Network; which also includes civil society and regulator views | <b>Erika Holt (VTT – Finland)</b><br><b>Nadja Železnik (EIMV – Slovenia)</b>            |

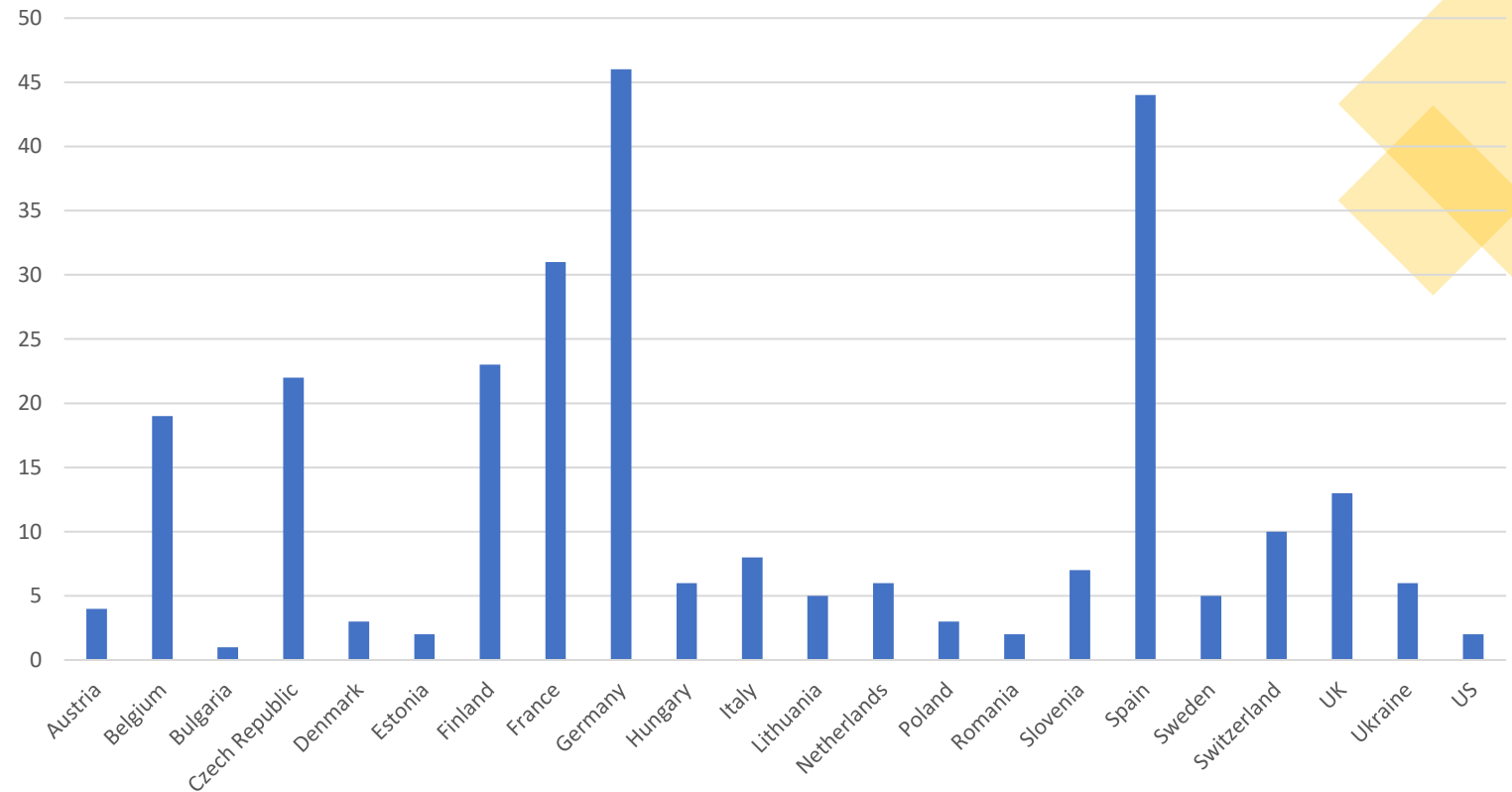
# Agenda

- Content of the submitted proposal
  - Excellence / Impact
  - Quality and efficiency of the implementation
  - Budget
  - Participants
- Next steps
  - Consortium Agreement
  - Negotiations with the EC
  - Kick-off meeting

# Foreword

- **272 webinar participants registered from 22 countries**
- **Webinar is recorded and will be made accessible on [EURAD](#) and [PREDIS](#) websites**
- **No Q&A planned – if you have some questions please send them to : [secretariat@ejp-eurad.eu](mailto:secretariat@ejp-eurad.eu)**

Number of attendees per country



# Background information

- [FAQ](#) – updated regularly based on questions received – organised by category
- [CG communication – October 2022](#) – to understand the role of the CG
- [CG communication – December 2022](#) – general progress information
- [CG communication – May 2023](#) – to find contact info by WP Preparation Teams
- [CG communication – October 2023](#) – final information before submission
- [Guidance Associated Partners](#) – for countries not funded by the EC
- [Guidance Affiliated Entities](#) – for institutes which are not Mandated Actors

# Key terminology

- **Affiliated Entity:** (previously referred during EURAD-1 as *Linked Third Parties*) can perform action tasks in the EURAD-2 programme and are allowed to charge costs directly to the grant (they receive EC funding). Therefore, they are subject to financial checks, reviews and audits. Contrary to Beneficiaries, they do not need a national level Mandate.
- **Associated Partners:** (previously referred during EURAD-1 and PREDIS as *International Partners*) can perform action tasks in the EURAD-2 programme. They do it without receiving any EU funding. Therefore, they are not subject to financial checks, reviews or audits. They do not have any voting rights in the General Assembly.
- **Beneficiaries:** organisations mandated by their national programme owners or governmental Ministries
- **Colleges :** refers to platforms that gather a number of organisations depending on their role in radioactive waste management, i.e EURADSCIENCE (for RE), SITEX.Network (for TSO) and IGD-TP (for WMO)
- **PMO (Programme Management Office):** in charge of scientific and technical coordination of the programme, as well as day-to-day management and communication activities. Members are selected by the Coordinator.
- **WP Preparation Teams:** refers to a group of 3 persons (one per College) who were the main contacts for the development of the EURAD-2 workpackages

# Content of the submitted proposal

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# Excellence (Part B) – (10 pages)

- Document drafted by the Core Group, iterated and reviewed by the Colleges
- Presenting the objectives and ambition of the partnership
  - Vision
  - Governing principles
  - Founding documents
- Explaining the methodology
  - Lessons learned from EURAD-1 and PREDIS
  - Process of preparation (consensus, with Core Group)
  - Governance and participants (see next slide)
  - End-users and collaboration with external organisations (see next slide)
  - Gender balance



# Excellence (Part B) – Governance

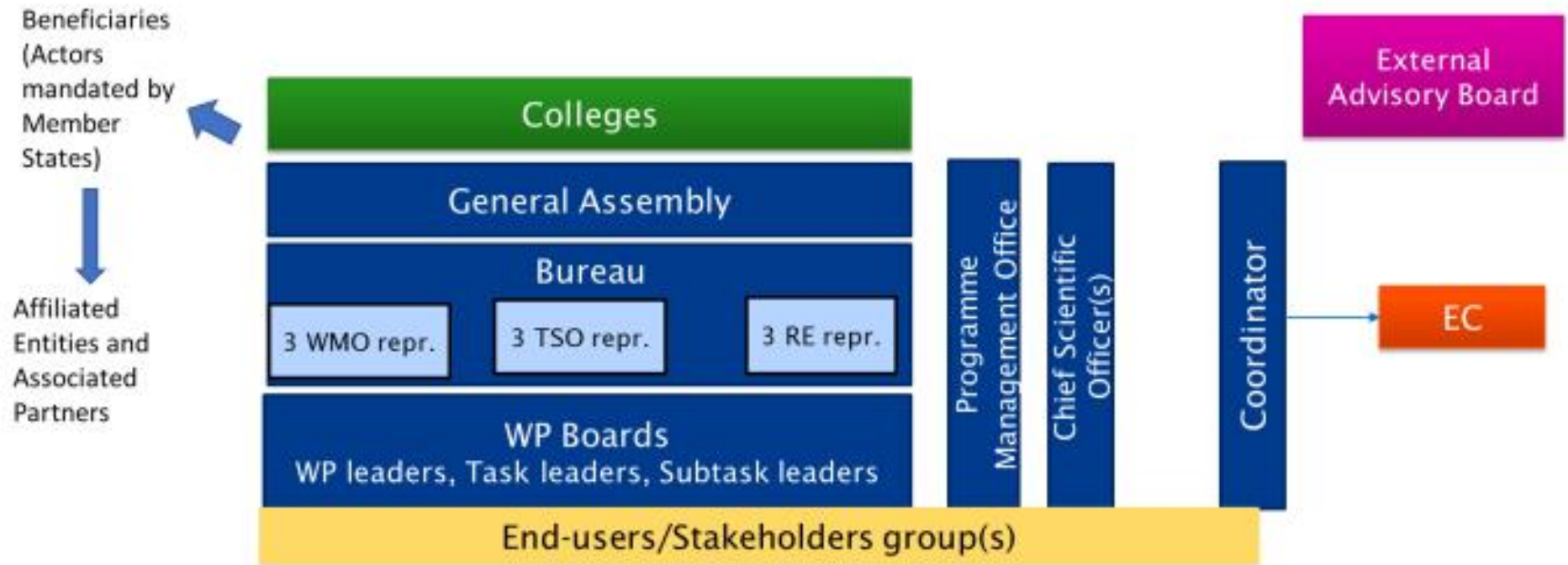


Figure 1 EURAD-2 Governance structure

# Excellence – End-users and external collaboration

- Definition of 2 different groups
  - End-users: NDA required, able to provide feedback to the programme, review draft documents, have access to WP insights – no power or approval rights. Defined as waste owners/generators, waste management organizations, regulators (other than participants in a WP).
  - Stakeholders: no NDA needed, invite to public events, main target audience for dissemination activities
- Involvement of key interest groups
  - Waste generators: via SNETP
  - Regulators: via TSO College (SITEX.Network), include engagement with ENSREG and OECD-NEA regulators forum
  - Civil Society: via TSO College (SITEX.Network)
  - International Associations: include engagement with IAEA and OECD-NEA

# Excellence – Implementation

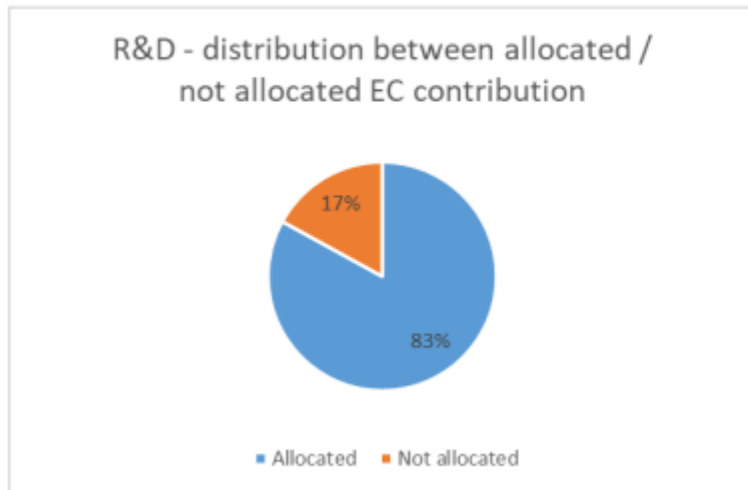
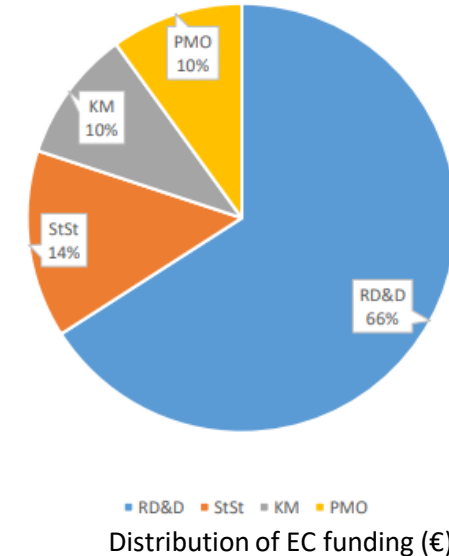
- Description of flexibility mechanism
  - Two waves principle but some budget held under the Coordinator's budget (see next slides on budget)
  - KM feasibility studies to evaluate / elaborate upon new innovative KM-related initiatives (specific Task)
- Description of deployment mechanisms (including further description of Knowledge Management)
- Generic paragraphs about open science practices and data management
  - Link with KM WP on data management

# Impact (Part B) – (10 pages)

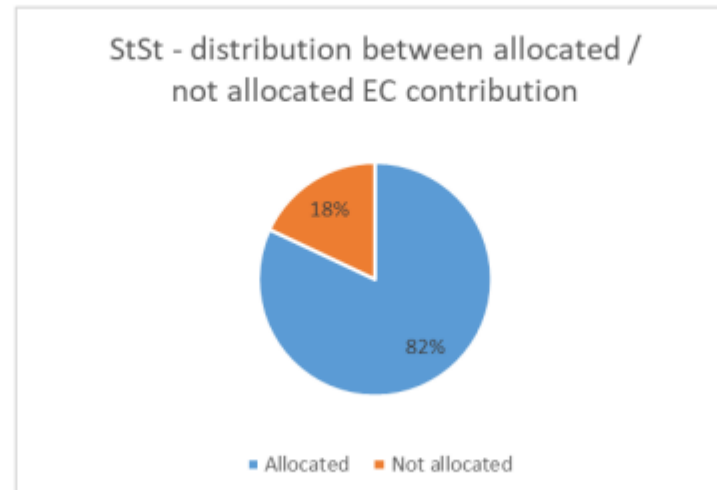
- Key Performance Indicators (numeric targets, year 2 & 5, internal/external)
  - Link with all Drivers from SRA
  - General objectives / specific objectives / operational objectives
- Measures to maximize impact
  - Dissemination and exploitation of results
  - Communication activities
  - Stakeholder engagement
- IPR and Open Access
  - Consortium Agreement to be signed by all parties (Beneficiaries and Affiliated Entities)
  - Scientific publications in peer reviewed journals with open access
    - Costs allocated for technical WPs

# Quality and efficiency of the implementation (Part B) -1/2

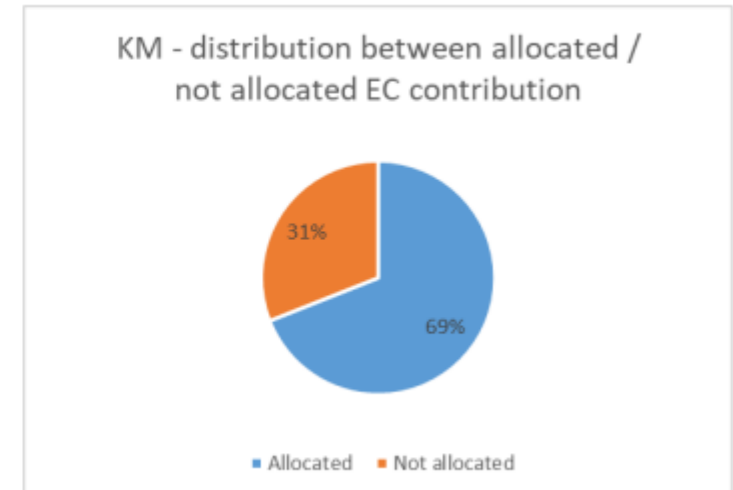
- Timing of the WPs
- Interactions between the WPs
- Resources to be committed
  - Distribution per type of activity / type of expenses
  - Allocated / not allocated (held under Coordinator's budget)



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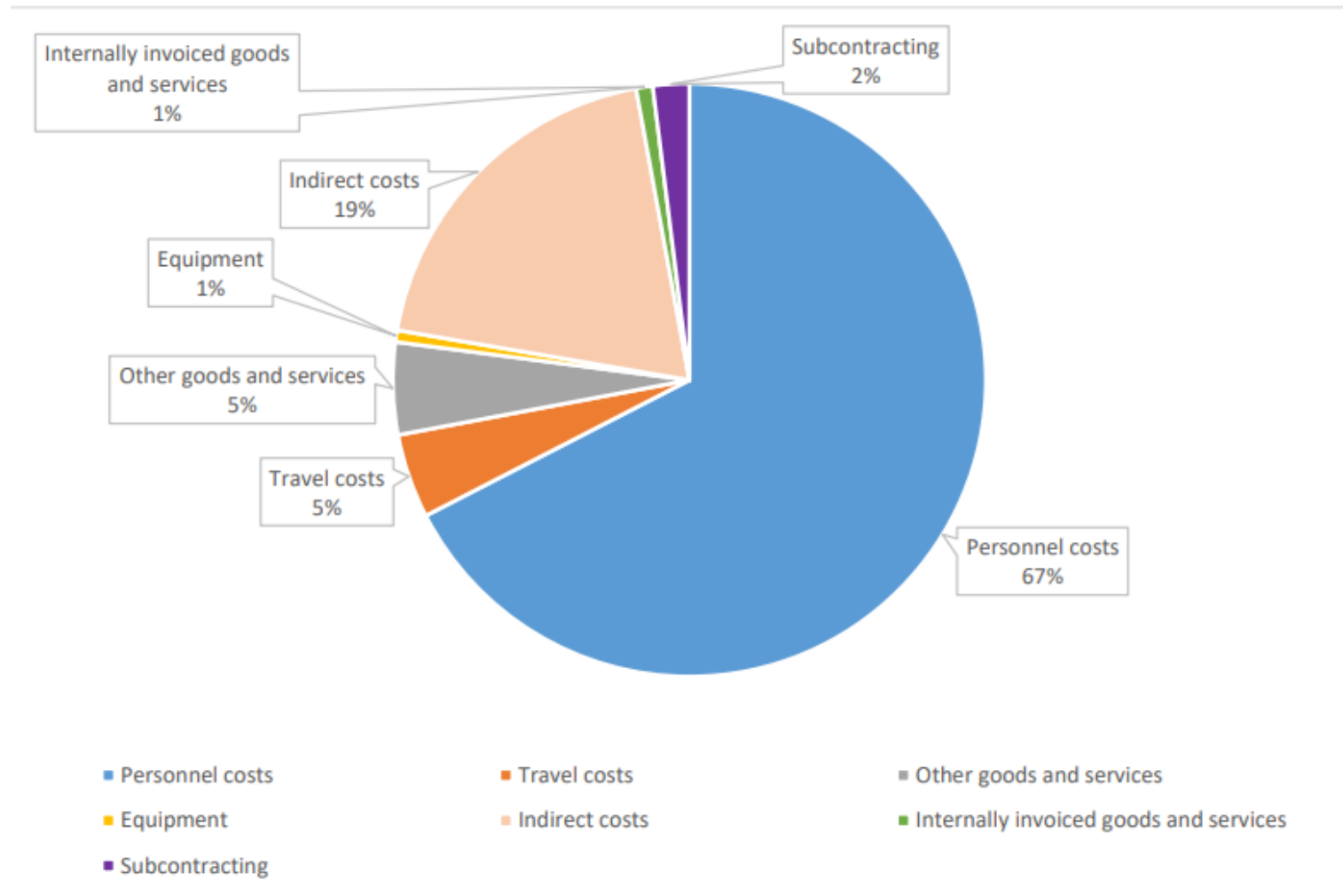


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# Quality and efficiency of the implementation (Part B) -2/2



# Quality and efficiency of the implementation (Part B) – (120 pages)

- Capacity of participants and consortium
  - Highlighting the role of Associated Partners
  - Risk management
  - Capacity building (pairs for competence development)
- WP description with list of deliverables and milestones (5 pages per WP description)
- Critical risks for implementation
- Budget information (summary of staff effort, other costs justification, subcontracting).

# Knowledge Management WP structure and leaders

|   | Task title                                   | Task leaders                          |  |
|---|--|---------------------------------------|--|
|   |  | Main Task leader                      | Co Leader if applicable                          |
| 1 | KM Programme Management                      | Alba Valls, Amphos 21, RE, Spain      | Alexandru Tatomir, BGE, WMO, Germany             |
| 2 | Knowledge capture                            | Alexandru Tatomir, BGE, WMO, Germany  | Kateryna Fuzik, SSTC NRS, TSO, Ukraine           |
| 3 | Knowledge application & Know-how development | Anja Kraag, DEKOM, WMO, Denmark       | Liz Harvey, GSL, RE, UK                          |
| 4 | Competence building (School of RWM)          | Niels Belmans, SCK CEN, RE, Belgium   | Jitka <u>Miksova</u> , SURO, TSO, Czech Republic |
| 5 | KM programme tools and methods               | Christophe Debayle, IRSN, TSO, France | N/A  |

- Task 6: to finance the mandatory subtasks 2.1 (Knowledge transfer) and 2.2 (Knowledge capture) of R&D and Strategic Studies WPs.



# Budget - Overview

Distribution made by each participating organisation

Total budget : 67 591 056,50€

Total EC grant : 39 993 974,40 €

Amount Associated Partners: 17 391 577,79 €

# Budget – Programme Management Office

- For now distributed only among:
  - Andra (France) as Coordinator
  - NTW (France) as Civil society representative for coordination of civil society actions (Task 7 of the PMO)
  - R&D WP Leaders organisations (3 pm financed at 100 % under PMO's budget) – Task 8
- Part of the budget is « held for future allocation» under Andra's budget
  - Re-distribution of budget for Task 2 (PMO overall scientific and technical coordination/integration) and Task 3 (Bureau activities) will be done once the members of the PMO and the Bureau are known.

# Budget – Knowledge Management WP -1/2

- For now distributed only among:
  - Amphos21 (Spain, RE) as WP Leader
  - Identified task leaders organisations and deputes
  - R&D WPs' Task 2 leader organisations (see next slide) – allocated as KM Task 6, which will be re-allocated within the WPs' technical partners as “on-demand” work
- Re-distribution of budget per KM Task will be done after evaluation of which organisations will contribute to which KM activity.
- Expected that 50% of the wave 1 budget of KM is “on-demand” allocations based on need and qualification (including Task 6 as mentioned above). All partners of the Consortium will be eligible to seek participation. Terms to be defined in the first months of the programme launch.

# Budget – Knowledge Management WP -2/2

- Task 2 (Knowledge Management) organisation leaders per WP :
  - WP3 ASTRA: SURO, Czech Republic
  - WP4 FORSAFF: SSTC NRS, Ukraine
  - WP5 ICARUS: SSTC NRS, Ukraine
  - WP6 STREAM: CIEMAT, Spain
  - WP7 L'OPERA: SOGIN, Italy
  - WP8 SAREC: Amphos 21, Spain
  - WP9 InCoManD: HZDR, Germany
  - WP10 ANCHORS: SKB, Sweden
  - WP11 CLIMATE: BGE, Germany
  - WP12 RAMPEC: CIEMAT, Spain
  - WP13 OPTI: TUDelft, Netherlands
  - WP14 SUDOKU: SCK CEN, Belgium
  - WP15 DITOCO2030: IRSN, France
  - WP16 HERMES: SCK CEN, Belgium
  - WP17 CSFD: EIMV, Slovenia
  - WP18 DITUSC: FZJ, Germany

# Participants – 1/3

- In total: 148 organisations participating to the partnership
- 21 Member States and 1 associated country (Ukraine) mandated 52 organisations
  - 16 WMO
  - 15 TSO
  - 21 RE
- 22 Associated Partners coming from 6 different countries
  - UK (BGS, Galson, ICL, Jacobs, NNL, NWS, Uni Bristol, Uni Lancaster, Uni Manchester, Uni Strathclyde)
  - Switzerland (EPFL, NAGRA, PSI, Ubern)
  - Norway (IFE)
  - USA (LBNL, LLNL, ORNL, PNNL, Sandia Laboratory)
  - South Korea (KAIST)
  - Japan (Uni Kyoto)

# Participants (Mandated Actors) – 2/3

| Country        | Organisatic | WMO | TSO | RE |
|----------------|-------------|-----|-----|----|
| Austria        | AGES        |     | X   |    |
|                | NES         | X   |     |    |
| Belgium        | BEL V       |     | X   |    |
|                | ONDRAF      | X   |     |    |
|                | SCK CEN     |     |     | X  |
| Bulgaria       | TUS         |     |     | X  |
|                | GI-Bas      |     | X   |    |
| Czech Republic | SURAO       | X   |     |    |
|                | SURO        |     | X   |    |
|                | CV REZ      |     |     | X  |
| Denmark        | DEKOM       | X   |     |    |
| Estonia        | UTARTU      |     |     | X  |
| Finland        | POSIVA      | X   |     |    |
|                | UHELSINKI   |     |     | X  |
|                | VTT         |     | X   |    |
| France         | ANDRA       | X   |     |    |
|                | CEA         |     |     | X  |
|                | CNRS        |     |     | X  |
|                | IRSN        |     | X   |    |

| Country     | Organisatic | WMO | TSO | RE |
|-------------|-------------|-----|-----|----|
| Germany     | BGE         | X   |     |    |
|             | BASE        |     | X   |    |
|             | JUELICH     |     |     | X  |
|             | KIT         |     |     | X  |
| Greece      | NTUA        |     | X   |    |
|             | NCSR        |     |     | X  |
| Hungary     | MTA EK      |     |     | X  |
|             | PURAM       | X   |     |    |
|             | TS ENERCON  |     | X   |    |
| Italy       | ENEA        |     |     | X  |
|             | SOGIN       | X   |     |    |
| Lithuania   | FTMC        |     | X   |    |
|             | IAE         | X   |     |    |
|             | LEI         |     |     | X  |
| Netherlands | COVRA       | X   |     |    |
|             | NRG         |     | X   |    |
|             | TNO         |     |     | X  |

| Country  | Organisatic | WMO | TSO | RE |
|----------|-------------|-----|-----|----|
| Poland   | INCT        |     |     | X  |
| Portugal | IST ID      |     |     | X  |
| Romania  | RATEN       |     |     | X  |
| Slovakia | STUBA       |     |     | X  |
|          | NJF         | X   |     |    |
|          | VUJE        |     | X   |    |
| Slovenia | ARAO        | X   |     |    |
|          | JSI         |     | X   |    |
| Spain    | CIEMAT      |     | X   |    |
|          | ENRESA      | X   |     |    |
| Sweden   | SKB         | X   |     |    |
|          | SSM         |     | X   |    |
|          | KTH         |     |     | X  |
| Ukraine  | CHRDl       | X   |     |    |
|          | SSTC NRS    |     | X   |    |
|          | SIIEG NASU  |     |     | X  |
|          | KIPT        |     |     | X  |
|          |             | 16  | 15  | 21 |

# Participants (Affiliated Entities) – 3/3

-  **Austria:** MUL
-  **Belgium:** EURIDICE, TRACTEBEL, Uliège  
**Civil society:** MERIENCE, NTW
-  **Czech Republic:** CUNI, CVUT, IGN, TUL, UJV, VSCHT
-  **Denmark:** DTU
-  **Finland:** GTK, JYU, MITTA, TVO, Uturku
-  **France:** BRGM, Centrale Lille, CEPN, EDF, EGIS, EMSE, ENPC, ENSA, Galtenco, Mines ParisTech, ORANO, Ulorraine, Umontpellier, Ulille, Uorléans, UPoitiers
-  **Germany:** BAM, BGR, DMT, GFZ, GNS, GRS, HZDR, LUH, TuBaf, UFZ

-  **Hungary:** Golder Associates, SORC
-  **Italy:** CAEN, POLIMI, UniPi, UniPR, UniRoma
-  **Netherlands:** TU Delft
-  **Poland:** UniWarsaw
-  **Slovenia:** EIMV, ZAG
-  **Spain:** A21, CIMNE, CSIC, EUT, Ingecid, UAM, UCLM, UDC, UGR, UPC, UPM, US
-  **Sweden:** Chalmers, Clay Tech, CTH
-  **Ukraine:** Energorisk

# Next steps

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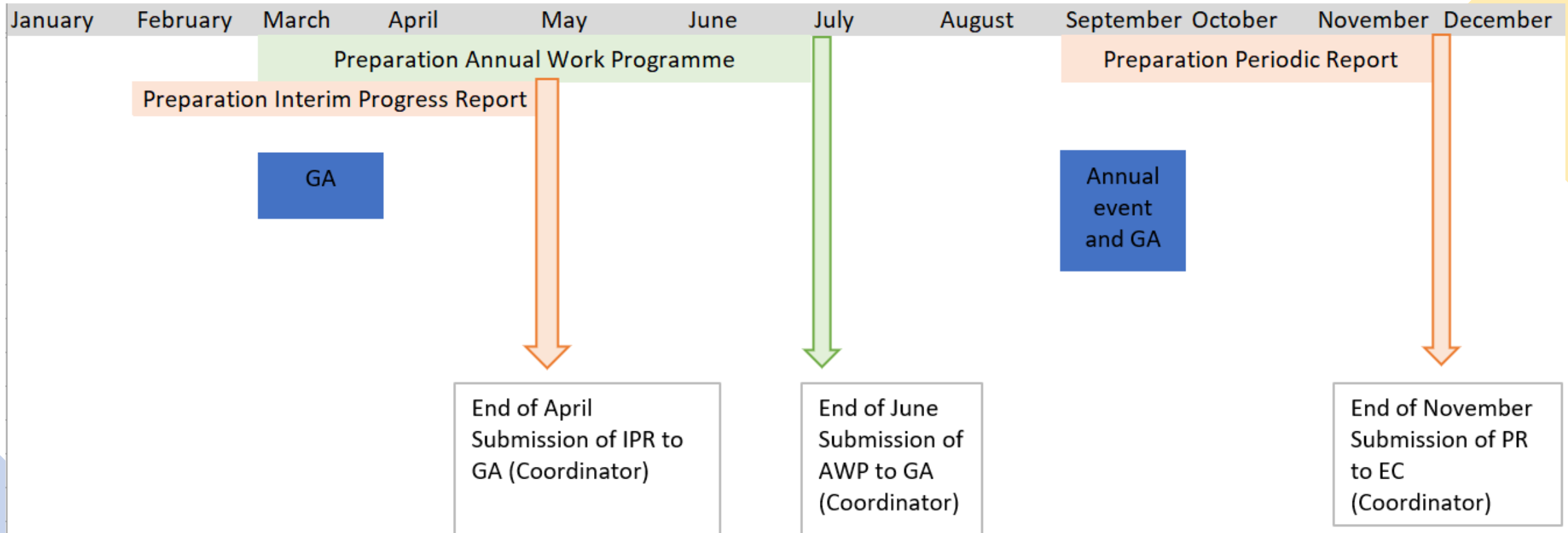
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# Schedule

- Consortium Agreement
  - Andra is working on the Consortium Agreement
    - Signed only by Beneficiaries
    - Affiliated Entities will sign the declaration of honour to be added as Appendix
  - Aim to provide a first version by the end of 2023
- EC will evaluate the proposal in the next 5 months (until April 2024)
- Official start of EURAD-2: 1st October 2024, running for 5 years.
- 1st General Assembly and kick-off in-person meeting will be organised in October 2024
  - Approval of the technical programme at the first General Assembly
  - Aiming allowing time for first WP discussion meetings

# Annual clock EURAD-2



# What's next ?

| What ?   | Who ?                      | Date                   | Can I help ?   |
|--|----------------------------|------------------------|--|
| <b>Document for soliciting Member States support for the top-up budget</b> | Core Group                 | End of November 2023   | <b>Yes</b> – each organisation can forward this letter to its Member States representatives                          |
| <b>Answer questions from the EC reviewers on the proposal</b>              | Core Group                 | Until April 2024       | Only WP leaders and main contacts for each organisation might be asked for complementary information                 |
| <b>Consolidate the contact list</b>  | Coordinator and WP Leaders | Before the end of 2023 | No – Coordinator will liaise directly with WP Leaders to ensure that all persons contributing to a WP are identified |
| <b>Nomination of GA representative</b>                                     | Mandated Actors            | Before the end of 2023 | Coordinator will be in touch with main contacts  |
| <b>Provide legal links</b>   | Affiliated Entities        | Not known yet          | <b>Yes</b> – do not postpone this task. No firm date known but likely during Spring                                  |
| <b>Preparation of kick-off</b>   | Coordinator                | May 2024               | <b>Yes</b> – if your organisation is willing to host this first event (room for free) please contact Coordinator     |

# Who to contact for information on WPs

- WP Leaders:

- WP2 KM: Alba Valls: [alba.valls@amphos21.com](mailto:alba.valls@amphos21.com)
- WP3 ASTRA: Marja Vuorio: [marja.vuorio@covra.nl](mailto:marja.vuorio@covra.nl)
- WP4 FORSAFF: Timothy Schatz: [Timothy.Schatz@vtt.fi](mailto:Timothy.Schatz@vtt.fi)
- WP5 ICARUS: Eros Mossini : [eros.mossini@polimi.it](mailto:eros.mossini@polimi.it)
- WP6 STREAM: H el ene Nonnet: [Helene.nonnet@cea.fr](mailto:Helene.nonnet@cea.fr)
- WP7 L'OPERA: Thierry Mennecart: [thierry.mennecart@sckcen.be](mailto:thierry.mennecart@sckcen.be)
- WP8 SAREC: Olivia Roth: [olivia.roth@skb.se](mailto:olivia.roth@skb.se)
- WP9 InCoManD: Aur elien Debelle : [aurelien.debelle@andra.fr](mailto:aurelien.debelle@andra.fr)
- WP10 ANCHORS: Nadia Mokni: [nadia.mokni@irsn.fr](mailto:nadia.mokni@irsn.fr)

- WP11 CLIMATE: Aina Bruno: [aina.bruno@amphos21.com](mailto:aina.bruno@amphos21.com)
- WP12 RAMPEC: Marcus Altmaier: [marcus.altmaier@kit.edu](mailto:marcus.altmaier@kit.edu)
- WP13 OPTI: Philipp Herold : [Philipp.Herold@bge.de](mailto:Philipp.Herold@bge.de)
- WP14 SUDOKU: Crina Bucur: [crina.bucur@nuclear.ro](mailto:crina.bucur@nuclear.ro)
- WP15 DITOCO2030: Reka Szoke: [Reka.Szoke@ife.no](mailto:Reka.Szoke@ife.no)
- WP16 HERMES: Sergey Churakov: [sergey.churakov@psi.ch](mailto:sergey.churakov@psi.ch)
- WP17 CSFD: Madalina Wittel: [madalina.wittel@nagra.ch](mailto:madalina.wittel@nagra.ch)
- WP18 DITUSC: St ephane Brassinnes : [S.Brassinnes@nirond.be](mailto:S.Brassinnes@nirond.be)

# Who to contact ?

- Coordinator : Louise Théodon (Andra) via the secretariat address: [secretariat@ejp-eurad.eu](mailto:secretariat@ejp-eurad.eu)
- Colleges Leadership:
  - WMO: [secretariat@igntp.eu](mailto:secretariat@igntp.eu) – Johanna Hansen (General Secretary) : [johanna.hansen@posiva.fi](mailto:johanna.hansen@posiva.fi)
  - TSO: Valéry Detilleux : [valery.detilleux@belv.be](mailto:valery.detilleux@belv.be)
  - RE: [euradscience@sckcen.be](mailto:euradscience@sckcen.be) – Chair: Christophe Bruggeman



Thank you for your attention

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# Frequently Asked Questions

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- What if we see something is wrong in the proposal (plan or budget)? What if we need to change something about our WP participation plan (effort, scope, persons of contact, including withdrawal from a task or a WP) ?

Please send the information to the Coordinator email ([secretariat@ejp-eurad.eu](mailto:secretariat@ejp-eurad.eu)), and CC the relevant WP leader. Correction of errors and all other modifications will be done in an Amendment after the start of the partnership.

- What if we need to change something about organization information?

Please send the information to the Coordinator email

- When can we know if we got or are getting budget for KM?

See the proposal Excel budget submission. Other budget will be allocated after the start of the programme.

- My organisation is not in the Consortium and wants to join the EURAD-2 consortium?

Interested parties can be in the End User Group or Stakeholder Group. They should join their respective Colleges to be kept informed of future (wave 2) funding preparations within EURAD-2.

- What if I know someone who wants to be an End User Group or Stakeholder Group member?

This information will be collected by the Coordinator at the start of the programme (autumn 2024).

- What if we know someone else internationally who is interested to be a potential Associated Partner?

Communicate this to the WP leader and keep Coordinator in CC. Such additions will be handled at the time of the Grant Agreement and/or first General Assembly in 2024.



- When do we need to have the legal document about our Affiliation declaration (for Affiliated Entities only)?

This is not known yet from the EC, but anticipated at the time of the Grant Agreement negotiation/signing before summer 2024. Clarifications will be provided by Coordinator in Spring.

- When do we need to show our co-financing commitment?

This is not currently required. It is up to each organization to secure their own co-financing for the 50% direct cost coverage of R&D costs in certain WPs.

- Can we start doing things for EURAD-2?

No, you won't be able to charge costs so please hold off until the official start in October 2024.

- When do we start getting money?

The EC allocated pre-financing at the start of the programme.

- Where do I give feedback about the whole or part of the EURAD-2 preparation process?

Via your College leaders (slide 26), preferably by the end of 2023.

- I have not seen or received the final proposal (plan, budget), so where can I get it or download it?

Please ask your institute main contact for EURAD-2. If you don't know who that is, ask from the Coordinator. The file is not public to be downloaded from the EURAD/PREDIS web pages or ProjectPlace.

- Can I share the proposal (project plan and/or budget, Template #3) to others who are interested?

No, it is a confidential proposal, only to be shared among the members listed in the proposal (Beneficiaries, Associated Partners and Affiliated entities).

- Can I share these slides?

Yes, these slides are within a public webinar and open to anyone.