



Welcome to WAC2 Webinar

May 20, 2021

THE WEBINAR WILL START AT 9:05 (CEST)

- **PLEASE KEEP YOUR MICROPHONE MUTED AND TURN OFF YOUR CAMERA**
- **WELCOME TO GIVE COMMENTS AND QUESTIONS THROUGH CHAT**



General webinar guidance

- Webinars objectives: dissemination, industry engagement, training, feedback to WAC deliverable on establishing requirements (year 1)
- We will use “break out rooms” for discussions in the 2nd half of the webinar. You will be guided to the rooms automatically in TEAMS.
- We will use in-meeting polls on a variety of topics, to gain more feedback (links at www.menti.com)
- You can give your response to the first poll now: <https://www.menti.com/98nps87hkt>
 - Additional poll links will be provided in the chat throughout the sessions.
- Moderator video appears as “1-minute remaining” to speakers

WELCOME - PROJECT SHORT OVERVIEW

- Title: “PREDIS: Pre-disposal Management of Radioactive Waste”
- Aim: Develop and improve innovative technology solutions for waste treatment and handling
- Participants: Consortium of 47 partners from 17 countries
- Duration: 4 years, September 2020 through August 2024.
- Budget: 23.7 M€ total, of which EC contribution of 14 M€
- Reply to: Euratom call NFRP-10, Research and Innovation Action (RIA)
- Support/endorsement from Nugenia, IGD-TP, IAEA, NEA, EURAD project – all are listed for cooperation during the project duration (establishing i.e. MoU for information sharing)
- Project web page: <https://predis-h2020.eu/> , informing of public events (webinars, workshops...)
- **We target having 3-5 webinars in autumn 2021, stay tuned to PREDIS web page and register [here](#)**
- We have a new **external stakeholders survey on training needs**, please reply [here](#)



PREDIS
Newsletter #2 April 2021

Technical Webinars

The PREDIS project held four technical webinars over the first three months of 2021 in order to share insights on technical innovation plans from the work packages, hear case studies and discuss industry needs, challenges and priorities. A further objective of the webinars was to inform the PREDIS project gap analysis.

- January 19, 13-16 CET: WP7 - Innovations in cemented waste package monitoring and storage
- February 16, 13-16 CET: WP4 - Innovations in metallic material treatment and conditioning
- March 9, 13-16 CET: WP6 - Innovations in solid organic waste treatment and conditioning
- March 30, 13-16 CET: WP5 - Innovations in liquid organic waste treatment and conditioning

These webinars were individually focussed on the goals, objectives and innovation opportunities of each work package. Work package leaders composed programs consisting of invited speakers and partners presenting 1) end user perspectives on the topic at hand, 2) the scope and objectives of the work packages, 3) survey results on the state of the art in waste package and waste facility monitoring activities or radioactive waste inventories across Europe, 4) views and information from IAEA and potential opportunities for cooperation, 5) cross-cutting R&D results from other EU projects and 6) introductions to specific work package topics and themes.



Each webinar consisted of two sessions of presentations followed by smaller group discussions to explore issues raised in the formal presentations and to gather end user (and broader) information on future objectives in predisposal waste management, potential barriers standing in the way of meeting those objectives and input on the technologies being developed in the PREDIS work packages. The deliberations of the discussion sessions provide direct feedback to the work packages and valuable input to the gap analysis.

The presentations and summaries from these webinars are available on the PREDIS website (<https://predis-h2020.eu/events/>).

There was significant interest in these webinars with signups ranging from more than 120 to over 200 registrants per event, from over 20 countries including some outside Europe. Representation was generally split between end user group members + general stakeholders and consortium partners at roughly 55% to 45%, respectively, for each webinar. The PREDIS management team feels the webinars have been a great success and therefore we will continue to identify topics for future webinars throughout the course of our project. We have received positive feedback from participants (average score of 4.4 out of 5.0 on 6 questions) as well as ideas for improvements. The wider international predisposal waste management community also seems to appreciate having such forums for sharing and discussions, especially while travel is restricted.

[Newsletter #2](#)

AGENDA FOR TODAY

09:00-09:10 - Welcome & Introduction

Stakeholder Perspectives:

- 09:10-09:20 Key takeaways from WAC webinar #1 (Lumir Nachmilner, CVRez)
- 09:20-09:30 History of WAC activities (Piet Zuideman, retired Nagra)
- 09:30-09:40 EC expectations on RTD cooperation (Seif Ben Hadj Hassine, EC)
- 09:50-10:00 Case Study on WAC compliance for conditional clearance (Patrik Konneus, Studsvik)

End User Perspectives:

- 10:00-10:15 Waste Generator, Large inventory (Adrien Rooses, Orano)
- 10.15-10.30 Waste Generator, Small inventory (Anastasia Savidou, NCSR)
- 10.30-10.45 WMO, Early stage (Marja Vuorio, Covra)
- 10.45-11.00 WMO, Early stage (Angelo Paratore, SOGIN)
- 11.00-11.15 Regulator (Peter Lietava, SUJB)

11:25 to 11:50 – Breakout room discussions

11:50 to 12:00 – Summary

Thank you to co-hosts:

- *PREDIS – Tim Schatz & Lumir Nachmilner*
- *EURAD-Routes – Chris DeBock & Liz Harvey*
- *ERDO – Angelo Paratore*

Technical Presentations

Overview from 1st WAC webinar (April 2021)

General Stakeholder Perspectives

End User Perspectives

Coffee / Stretch Break Resume at 10.05 CEST



Breakout Rooms for Discussion



General guidance for discussion - Moderated

- Please keep your camera ON
- Keep your microphone muted when not talking
- Welcome to give comments and Questions through chat
- Be active - it is important to us to hear industry/stakeholder comments, suggestions, ideas, needs
- Openly give your comments and answer questions posed in the chat. You can react to the chat comments by 'thumbs up'/'smileys'
- Raise your virtual "hand" to speak/share
- Try to limit comments to max 30-60 seconds, so that as many people as possible have time to comment and we can cover several questions
- You will be automatically moved back to the main "room" after ~ 25 minutes

Golden Nuggets from Earlier Webinars' Breakout Rooms

- WAC Webinar #1 (April 21)
 - *More focus be put on legacy waste sampling/characterization methods*
 - *Request for the determination and development of the methodology of quantifying parameters for the important features of WAC*
 - *SIMS option: sharing the technology and regulatory activities*
 - ***Trade-off between early conditioning and postponed conditioning should be explored***
 - *Harmonisation of WAC among countries is useful*
 - *Need of coordinated approach in EC, IAEA, NEA projects*



BREAKOUT ROOMS DISCUSSION POINTS

(random distribution of participants)

- How to close the gap between characterization (or lack thereof), selecting appropriate treatment and conditioning options and WAC development?
- In the absence of WAC,
 - i) what are the trade-offs between preliminary treatment and conditioning and delayed treatment and conditioning and
 - ii) which balance of these factors is acceptable?



Coffee / Stretch Break
Break out rooms start 11.25 CEST
(you will be automatically moved from this room to smaller groups)

Breakout Room Summaries by Moderators



Live Polling Results (Tim, VTT)

Concluding Remarks

Reminder – additional webinars for autumn 2021,
follow <https://predis-h2020.eu/>

Please provide feedback about this webinar:
<https://www.lyyti.fi/questions/071b946392>