

PREDIS Final Conference - June 2024

Final AGENDA

Time: 3-7 June 2024

Location: 7 June 2024 at Novotel Avignon Center, Avignon, France
20 Bd Saint Roch, 84000 Avignon (15 min from Avignon TGV Rail station).
See additional information at <https://all.accor.com/hotel/7571/index.en.shtml>

Meeting is organised **in-person**.

MS TEAMS link below for Wednesday-Thursday sessions. They will be send separately latest 31.5.2024 to registered persons via e-mail.

Wednesday 5.6.2024: [Join the meeting now](#)

Thursday 6.6.2024: [Join the meeting now](#)

Welcome!

Registration: https://www.lyyti.in/PREDIS_Final_Conference_03070624

Participation to the conference is free of charge, including the gala dinner on Wednesday and site tour Friday*

Hotel rooms should be booked individually

* Cancellation by email to Coordinator Erika (erika.holt@vtt.fi) and CC Helene as the local host at CEA in France (helene.nonnet@cea.fr). If the cancellation is received less than 10 business days prior to the event, or no show, a cancellation fee of 200 euro will be applied for each reserved space to cover catering costs.

Monday - 3 June 2024 – Consortium Partners Only

Afternoon sessions, Time: 13 – 18 CET (including coffee break)

13-18 WP1 Management Team – Restricted attendance by invite only, Maria Oksa (VTT) host

- Location: Room PEGASE (1st floor)

Agenda:

- Discussing Feedback from the EC review and actions (draft report)
- Checking readiness to complete the project, ALL
 - o Final milestones, deliverables, dissemination actions, data management, risks
- Other coming events
- General assembly (online) – to be organised in June
- Other issues

Coffee break at 15:30

13-18 WP3 Students session, Maria Abada (Amphos21) host

- Location: Room CASSIOPEE (1st floor)

Target audience: Students and young professionals in the pre-disposal waste management sector. Also less-experienced colleague or new entrant to the project in the past few months are most welcome.

Opportunity for PREDIS partners and End Users to attend lectures remotely via Teams

Agenda:

- Student talks where students summarize their work within PREDIS and their experience with PREDIS.
- Feedback for PREDIS communications from the students.

Coffee break at 15:30

Posters

Posters will be shown in the plenary room from Monday afternoon until Friday morning.

Tuesday – 4 June 2024 - Consortium Partners Only**Project Consortium Meeting, Review of WP completions – all PREDIS partners**

Time: 9.00-17.00 CET

- Location: Room ANDROMEDE (plenary room, 1st floor)

8:00-9:00 Registration – be onsite latest by 8.45

9:00-9.15 **Welcome** by Maria Oksa and Erika Holt, VTT, as Coordinator and Florence Bart, the deputy head department, CEA, as local host9.15-9.35 **EC welcoming words**, including EC review findings by Seif Ben Hadj Hassine and Hans Forsström**9.35-10.00 WP1 Management & Dissemination**

- PREDIS project status update, Maria Oksa, VTT
- Status on EURAD collaboration
- Financial review, Sirkku Hoikkala, VTT (online)
- Dissemination activities

10.00-10.40 WP2 Strategic Studies (40 min)

- WP updates, Anthony Banford, NNL and Laurence Stamford, UoM

10.40-11.20 WP3 Knowledge Management (40 min)

- WP updates, Alba Valls, A21

11.20 Coffee break

11.45 Parallel Sessions of Each WP (part A) (separate/own room for WP4-7)

- WP4 room PEGASE (1st floor)
- WP5 room CASSIOPEE
- WP6 lounge (4th floor)
- WP7 room ANDROMEDE (1st floor)

13.00 Lunch break

14.30-17.00 Parallel Sessions of each WP continue (part B)

17.30-19.30 **Optional evening city/palace guided tour** (max 50, pre-registration required)

Wednesday – 5 June 2024 – PUBLIC Technical Workshop

Open technical workshop, Time: 9:00 – 17:30 CET

- Location: Room ANDROMEDE (1st floor)

Possible to participate on-line (link: [Join the meeting now](#))

Chairperson all day: Maria Oksa, VTT

9:00 Welcome by Coordinator (VTT), including WP1-3 overviews

9:15 Status updates and scientific presentations on Technical Work Packages, part 1

- 9.15-10.30 **WP4 Innovations in metallic treatment and conditioning**
 - Summary by WP leader, Abdel Abdelouas, IMT Atlantique (20 min)
 - Scientific presentations (40 min)
 - Developing and optimizing decontamination processes (T. Suzuki, IMT Atlantique)
 - Optimization of characterization and waste minimization techniques (A. Savidou, NCSR D)
 - Advances in encapsulation of materials in magnesium phosphate cement-based matrices (C. Cannes, IJCLab)
 - Student presentations (10 min)
 - A non-destructive gamma spectrometry set-up for characterization of metallic waste (D. Mavrikis, NCSR D)
 - Decontamination of radioactive effluents (M. Robin, IMT Atlantique)

(coffee 10.30-11.00)

- 11.00-12.15 **WP5 Innovations in liquid organic waste treatment and conditioning**
 - Summary by WP leader, Isabelle Giboire, CEA (20 min)
 - Scientific presentations (40 min)
 - Study of direct conditioning processes:
 - Investigation of reference formulation for real waste Real Waste (POLIMI + UJV)
 - Investigation of direct conditioning Process scale-up (CVRez)
 - Study of conditioning matrix performances (SCK+ ECL)
 - Student presentations (10 min)
 - Sara Koubeissy (ECL)
 - Gabriele Magugliani (POLIMI)

12.15-12.45 Discussion on WP4-WP5 topics

(lunch 12.45-14.00)

14.00 Status updates and scientific presentations on Technical Work Packages, part 2

- 14.00-15.15 **WP6 Innovations in solid organic waste treatment and conditioning**
 - o Summary by WP leader, Thierry Mennecart, SCK CEN (20 min)
 - o Scientific presentations (40 min):
 - Thermal treatment of the radioactive waste forms and characterisation (CEA)
 - Encapsulation (CVRez)
 - Densification (USFD)
 - Physico-chemical characterisation of reconditioned waste form and stability testing (VTT)
 - Economic and environmental impact (GSL)
 - o Student presentation (10 min)
 - Francesco Galluccio (Polimi)

(coffee 15.15-15.45)

- 15.45-17.00 **WP7 Innovations in cemented waste handling and pre-disposal storage**
 - o Introduction to WP7 (Christian Köpp, BAM, 5 min)
 - o Innovative Instrumentation summary (Paolo Finocchiaro, INFN, 5 min)
 - o Michele Di Giovanni, Unicampania, Student presentation 10 min (*online*)
 - o Digital Twin summary (Rainer Dähn, PSI, 5 min)
 - o Student presentation (10 min)
 - o Database and decision framework summary (Tuula Hakkarainen, VTT, 5 min)
 - o Student presentation 10 min
 - o Demonstration in a realistic environment (Thibaut Hémédinger, ORANO, 10 min)
 - o Conclusions & Value Assessment (Slimane Doudou, GSL and Christian Köpp, 10 min)

17.00-17.30 Discussion

17.30 Summary & Adjourn

20:00 Conference Gala dinner for partners and EUG/Stakeholders

Location: Restaurant "Numéro 75", 75 Rue Guillaume Puy, 84000 Avignon

- Free of charge to registered participants
- <https://www.numero-75.com/le-restaurant/>



Thursday – 6 June 2024 – PUBLIC Project Outcomes/Impact Workshop

Open technical workshop, Time: 9:00 – 16:00 CET

- Location: Room ANDROMEDE (1st floor)

Possible to participate on-line (link: [Join the meeting now](#))

9:00 Welcome by Coordinator (Maria Oksa & Erika Holt, VTT)

9.10 Welcome by EC Officer (Seif Ben Hadj Hassine, Euratom)

9:20 -10.45 Highlights of Project Impacts – Chairperson Erika and Seif

- Introduction on the Value Assessment Process & Case Studies (10 min) – Jenny Kent, GSL
- Geopolymers for Waste Immobilization (WP5, WP6) (9:30-9:50)
 - o Putting results into practice
 - PREDIS partner's view: Quoc Tri PHUNG (SCK CEN) – perspectives of using geopolymer for immobilization
 - End User perspectives: Denise Ricard (ANDRA), WP5's perspectives; Peter Ormai (PURAM), WP6's perspectives
 - o Open discussion/ feedback from stakeholders
- Decontamination & Supporting Waste Hierarchy principles (WP2, WP4) (9:50-10:10)
 - o Putting results into practice
 - PREDIS partners' view: Thomas Carey (NLL)
 - End User perspectives: José Luis Leganes (ENRESA)
 - o open discussion / feedback from stakeholders
- Digitalization advancements, for monitoring (WP7) (10:10-10:40)
 - o Putting results into practice
 - PREDIS partners' view: Suresh Seetharam (SCK CEN)
 - End User perspective: Massimo Morichi (CAEN)
 - o open discussion / feedback from stakeholders
- Closing of the session (5 min)

10.45-11.15 *Coffee break*

11.15-12.45 Panel discussion – EU Project Impacts on French Programme

Moderated by Erika HOLT (VTT)

Guided Panel discussion of French stakeholders, with Q&A from the audience:

- o Virginie WASELIN, ANDRA (WMO)
- o Magali SALUDEN, CEA
- o Fabrice MOGGIA, ORANO (industry)
- o Hélène DENIAU, VEOLIA (industry)
- o Henri LE MONIES DE SAGAZAN, EDF (Industry)

12.45-14.00 Lunch break

14.00-15.30 Panel discussion –EU Projects Impacts on International Community

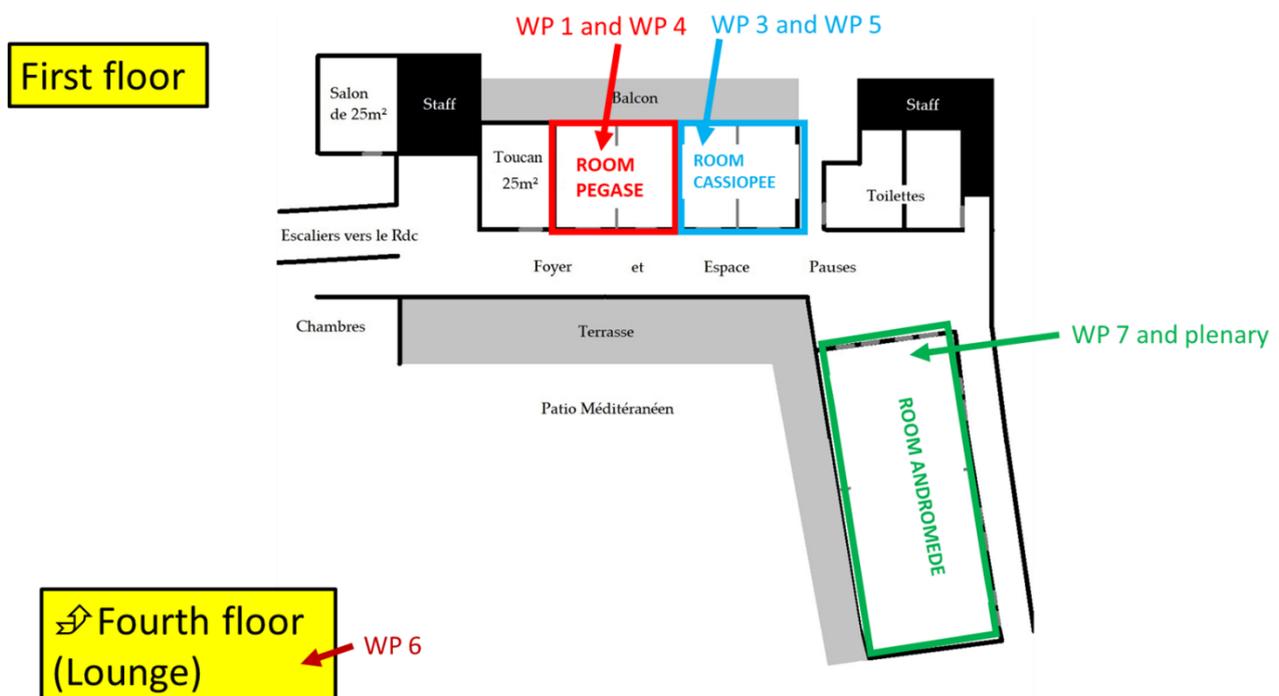
View from each panellist on the impacts of PREDIS and Euratom projects (3 minutes each, followed by guided Q&A). Moderated by Erika Holt (VTT, Co-coordinator).

- European Commission (Euratom) views, Seif Ben Hadj HASSINE
- EC Project Evaluator - Impact views, Hans FORSSTRÖM
- IAEA Waste Management division views, Rebecca ROBBINS
- SNETP Technical Area on Waste/Decommissioning views, Anthony BANFORD
- EURAD cooperation with view on KM, Paul CARBOL
- JRC views, Vaidas MATUZAS

15.30 Presenting & awarding of Student Video competition

15.45-16.00 Workshop Summary & Closing

Meeting room locations:



Friday – 7 June 2024 – Technical Excursion to CEA facilities at Marcoule Centre

- Open for partners and EUG members (no cost)
- Participation limited to 39 persons – **ALREADY FULL**
- Security information for all participants will be due by 15 April (a separate email with instructions to be send for those who expressed interested already)
- participants will be in groups of 12, visiting 2 of the 3 facilities

Excursions Location: Marcoule Centre, 7.30-15.00

- a) HERA facility (Hall d'Essais pour l'Entreposage de matières RAdioactives) for waste decontamination, characterization and conditioning
- b) ATALANTE facility of nuclear chemistry laboratory, including hot cells for whole nuclear fuel cycle R&D
- c) PHENIX power plant, prototype of sodium-cooled fast breeder reactor (RNR), shut down 2009 after 35 years of operation

Draft Schedule

7.30	Departure from Avignon, together by charter bus (from Porte Saint Dominique)
8.45	Arrival at Marcoule / access formalities
9:40-11:10	Visits part 1 (Group 1=HERA; Gr 2 = ATALANTE; Gr 3 = PHENIX)
11:20-12:50	Visits part 2 (Group 1=PHENIX; Gr 2 =HERA; Gr 3 = ATALANTE)
13.00	Lunch at the lounge restaurant
13:45	Exit formalities
14.00	Depart from Marcoule
15.00	Arrival to Avignon (Novotel)

Menus

Monday June 4 Cloitre St Louis

Panier forestier et œuf parfait/ choix du chef/Dome framboise

Lunch at the Novotel

Tuesday: Tartare de saumon/Suprême de poulet/Tartelette pecan

Wednesday: Gaspacho tomates/Gardianne de bœuf/Fraisier

Thursday: Chiffonnade meulon/Dos de merlu/Paris Brest

Dinner at 75 on Wednesday evening

Fleurs de courgettes farcies, brunoise provençale/ risotto crémeux, légumes de saison et huile truffée maison/ fondant au chocolat et glace vanille pecan

Details of TEAMS links:

Wednesday 5.6.2024 Technical Workshop

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 362 872 533 47

Passcode: Q4ErBK

Dial in by phone

[+358 9 23106506,833993948#](tel:+358923106506833993948) Finland, Helsinki

[Find a local number](#)

Phone conference ID: 833 993 948#

Thursday 6.6.2024 Impact Workshop

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 332 597 278 67

Passcode: hQgNVD

Dial in by phone

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Phone conference ID: 929 444 205#

