

# TRAINING WORKSHOP ON EXPERIMENTAL DATABASES AND DATA MANAGEMENT (INCLUDING EXCHANGE WITH EXTERNAL EXPERTS)

EURAD-2 Knowledge Management (KM) training event organized under RAMPEC WP 12.

**1 October 2026 – Hybrid format**

Draft Agenda (titles & time distribution may still change)

9:30 – 9:40	Introduction / Scope of the Workshop	CIEMAT	10 min
9:40 – 10:00	Why data management matters in European projects: the EURAD-2 multi-WP challenge.	Christophe Debayle (ASNR)	20 min
10:00 – 10:20	Example of experimental data compilation in EURAD 2: ANCHORS -WP – Thermo-hydro-mechanical properties of bentonite.	Vicente Navarro (UCLM)	20 min
10:20 – 10:40	Example of experimental data compilation in EURAD 2: RAMPEC -WP – Sorption and transport parameters in materials of interest for radioactive waste management.	Tiziana Missana (CIEMAT)	20 min
10:40 – 11:10	Example of experimental data collections in other domains: Nuclear Data	Daniel Cano / Vicente Becares (CIEMAT)	30 min
<b>11:10 – 11:20</b>	<b>Break</b>		
11:20 – 11:40	Overview of the existent thermodynamic databases for their application to sorption / migration studies	Ursula Alonso (CIEMAT)	20 min



11:40 -12:00	Data bases and modelling of sorption data and transport processes in clays: The Nagra/PSI Case	Dan Miron (PSI)	20 min
<b>12:00 -14:00</b>	<b>Lunch Break</b>		
14:00 – 14:20	End-Users needs and perspectives	Erika Neeft (COVRA)	20 min
14:20 -14:40	Application of data and big data in a professional context	Ana Soler (CaixaBank)	20 min
14:40 – 15:00	Use of AI/ML for improved experimental data management	Miguel Cardenas (CIEMAT)	20 min
15:00 -16:00	Discussion on main topics	All	60 min
<ul style="list-style-type: none"> <li>• Specific requirements for different types of experimental data.</li> <li>• Data mining techniques vs structured data organization from the beginning of the project</li> <li>• Metadata strategies</li> <li>• The need (or not) for standardized data collection protocols.</li> <li>• Validation and acceptance of the incorporated data.</li> <li>• Responsibility for the long-term maintenance and hosting of databases.</li> <li>• Management of updates.</li> <li>• Use of artificial intelligence in data processing: when it is truly useful and what its limitations are (data mining, classification, interpolation, ¿extrapolation?, etc.).</li> <li>• Differences between limited experimental datasets and big data approaches.</li> <li>• How to maximize the value of current and historical data.</li> <li>• Etc...</li> </ul>			
16:00 -16:15	Wrap-up and conclusions		15 min

Participation is open to EURAD-2 partners, registered end-users, and external stakeholders interested in experimental data management and databases for radioactive waste management research.

The Workshop will be organized by CIEMAT (Madrid Spain) in a hybrid format (*depending on the interest of people participating on-site*).

**To indicate the interest in participating, please fill this form:**

<https://forms.office.com/Pages/ResponsePage.aspx?id=DQSIkWdsW0yxEjajBLZtrQAAAAAAAAAAAAAAAAAAMAANEiG7tUNjdIMTRMRDdLTTNCNjhNQkiHNzBHU1RPMC4u>