



NEWSLETTER

Issued on December 8, 2025 I www.surri.eu



SURRI FINAL MEETING IN LIBEREC

On 25 and 26 November 2025, the SURRI consortium gathered at **Technical University of Liberec** (and online) for the final project meeting. After three intense years, dozens of deliverables, milestones, workshops, internships, and scientific breakthroughs – it's time to wrap it up and celebrate the impact we've made together!

We reviewed all work packages, discussed KPIs, shared lessons learned, and aligned on what's next: preparing the Final project report.

A huge thank you to every researcher, partner, and team member for your brilliant contributions!

And remember – collaboration doesn't end here.

Let's keep the SURRI spirit alive.



Photo by: CXI TUL



Technical University of Liberece Photo by: CXI TUL



Excursion in Crytur (Turnov)

Photo by: CXI TUL















NEW: SURRI White Paper Released!

"Towards a Sustainable Europe" is the title of the official SURRI White Paper, launched just in time for the project finale.

This strategy document outlines:

- the environmental, economic, and societal rationale for sustainable remediation of radionuclidecontaminated sites;
- key technological innovations
 (electrokinetics, microbial remediation,
 phytoremediation);
- policy pathways and Triple Helix collaborations (science-industrygovernment);
- and the vision for a Virtual European Centre of Excellence led by TUL.

Noteworthy insights:

- Electrokinetic remediation using lowvoltage currents is viable and energyefficient
- Nature-based remediation using duckweed, sunflowers, and native microbes showed promising results
- Tailings can be mined for critical materials like Zn, Cu, Fe – making remediation financially viable
- Establishing clear regulatory frameworks and fast-track approval schemes will be critical for scaling



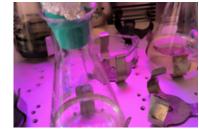
The White Paper serves as a blueprint for future EU research, funding, and industrial uptake.

Modern Technologies for Mine Water Treatment: Our Science Highlights

- Complete physico-chemical and microbiological characterization of mine waters and sludge from the sites in Czech Republic
- Development and optimization of methods for remediation, recovery and utilization of critical metals contained in mine waters and sludge
- Electrokinetic remediation of mine waters and sludges
- Laser synthesis of nanoparticles from contaminated mine water
- Microbial remediation of mine waters and sludges
- Phytoremediation with duckweed and sunflowers

Fieldwork, Internships & Global Connections







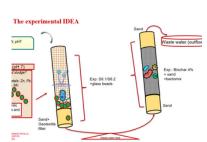


Photo by: CXI TUL

- II Vira Velianyk completed a successful internship in Rome, researching biosorption using biochar + bacteria
- Andy Cundy shared SURRI results at the RemPlex Summit (USA), co-chairing sessions on sustainability and circularity
- In Granada, **SURRI partners** met with the Arqus Alliance to discuss future EU-level research collaboration













UoS Project Meeting & September Workshop Highlights

On 11 September 2025, SURRI partners met at the **University of Southampton** (and online) for a <u>strategic project</u> meeting.

The agenda focused on:

- Reviewing deliverables and milestones for 2025
- Tracking KPIs and scientific outputs
- Strengthening dissemination and communication plans
- Aligning financials and final quarter actions

This meeting was complemented by a special workshop, fostering collaboration on electrokinetic remediation, microbial recovery, and sustainability assessment approaches. These sessions helped shape the final deliverables and the SURRI White Paper.





SURRI at a Glance

- **6** 33 international exchanges
- **§**6 internships
- Dozens of lab experiments (electrokinetic columns, bioreactors, duckweed growth chambers...)
- Engagements with industry: DIAMO, MEGA, and more
- will continue!

 Follow us here: surri.eu

What's Next?

- **✓** Final Report Submission:
 - Financial and Technical Report
- Stay tuned for:
 - SURRI White Paper dissemination
 - Joint publications
 - Future Horizon projects

















Current news from the world of SURRI

Follow our channels, react, comment, share and help us to spread the reach! Thank you.

SURRI profile on LinkedIn: https://www.linkedin.com/showcase/surri SURRI profile on Twitter: https://twitter.com/SURRI 2023

Thank you for subscribing to the SURRI MEDIA. You never miss our research progress.

#SURRI #project #mininglocality #bioprecipit #team #work #collaboration #research #cxiliberec #TeamWork #InternationalCollaboration



Thanks to the whole SURRI team — including our researchers, stakeholders, technicians, students, communicators, and project managers. Your work is helping turn Europe's mining past into a cleaner, safer, and more sustainable future.

With gratitude, The SURRI Consortium



SURRI team | | surri@tul.cz

Great job, dear all SURRI members Partners:

TUL - CXI, University of Southampton, La Sapienza University of Rome, University of Granada Contacts:

Sabrin Abdallah, Mohammad Gheibi, Veronika Hlaváčková, Milan Hokr, Nataliia Horichenko, Stanislava Košková/Vrchovecká, Trung Le Duc, Marlita Marlita, Nhung Nguyen, Martin Palušák, Daniele Silvestri, Rafael Omar Torres Mendieta, Vira Velianyk, Stanislaw Waclawek, Miroslav Černík, Alena Ševců, Pavla Švermová, Laura Lorini, Marco Petrangeli Papini, Rachid Chachboun Karimi, Fadwa Jroundi Mesbahi, María José Belén Juárez Jiménez, Mohamed Larbi Merroun, Cristina Povedano Priego, Miguel Angel Ruiz Fresneda, Frances Burrell, Andrew Cundy, Pawel Gaca, David Reading, Phillip Warwick, and all other team members, including those not on LinkedIn.







