

Securing Europe's Raw Materials: iBot4CRMs at the 2025 ADRA Forum

The 2025 AI Data and Robotics (ADRA) Forum, focused on building a resilient, autonomous, and competitive Europe, will take place in late September in Stavanger, Norway. The Horizon Europe-funded iBot4CRMs project will showcase how AI and robotics can transform urban mining into a reliable source of Critical Raw Materials (CRMs). The project will host a dedicated booth and an interactive workshop.

Europe's Critical Raw Materials (CRMs) are vital for electronics, automotive, and green technologies. Today, supply risks are mounting due to dependence on distant, unstable regions. Urban mining offers part of the solution, but manual recovery has limits. iBot4CRMs harnesses Artificial Intelligence (AI) and robotics to boost recovery, reduce environmental impact, and secure Europe's CRMs supply.

To raise awareness about the initiative, exchange about its vision, and present its pilot scenarios to an international audience, project partners from [INESC TEC](#), [ISWA](#), [HyProMag](#) and [Norce](#) will be present on September 23rd and 24th at the iBot4CRMs sponsored booth of the 2025 ADRA Forum (ADRF25).

On the opening day of the Forum, iBot4CRMs will host its first in-person workshop on "Urban Mining & AI-powered Robotics, to strengthen Europe's CRM supply security." In a 75-minute interactive panel, experts from TU/e, Celsa Group, Patras University, HyProMag and the European Innovation Council will discuss collaboration and best practices for more efficient recovery from waste streams, addressing solutions, challenges, and the steps needed to secure a circular CRM supply in Europe.

Registrations are open until September 10, 2025. Don't miss the chance to connect with industry leaders, researchers, and policymakers, to explore how advanced robotics and AI can help secure Europe's future!

Learn more:

- Webpage > <https://ibot4crms.com/event/ai-data-and-robotics-forum-2025/>

Press Contacts:

- Léa Zamuner, Technical Communications Coordinator, ISWA > lzamuner@iswa.org