



**Sustainable and Efficient Solutions for Simultaneous Circular
Recycling of Iridium and Membranes in Proton Exchange Membrane
Water Electrolysers**

Press Release

**IRION to Present Innovative Iridium Recovery Solutions at
Metal Recycling Expo 2026**

We are pleased to announce that AIMPLAS, coordinator of the IRION project, will participate in the Metal Recycling Expo 2026, taking place on 17–18 June 2026 at Messe Frankfurt, Germany.

Within the **Metal & Critical Raw Material Recycling Track**, our team member and AIMPLAS researcher Javier Castillo will deliver a presentation under the title: *“Innovative Hydrometallurgical and Electrochemical Approaches for Sustainable Recovery of Iridium from End-of-Life Electrolyzers”*.

The presentation will showcase IRION’s work on developing innovative and sustainable recycling strategies for the recovery of iridium and other critical raw materials from end-of-life electrolyzer components. As demand for green hydrogen technologies continues to grow, ensuring the sustainable supply and circular management of critical raw materials becomes increasingly important.

Within this context, IRION explores alternative recycling approaches aiming to replace conventional and more hazardous leaching methods. In parallel, the project develops advanced recovery techniques to improve material recovery efficiency and purity.

Building on expertise acquired, IRION aims to adapt and scale innovative recycling solutions for emerging waste streams linked to the hydrogen sector and contribute to Europe's transition towards a more resilient and circular economy.

We therefore invite you to attend the session and learn more about IRION's approach to sustainable critical raw material recovery for green hydrogen technologies.

SESSION:

Innovative Hydrometallurgical and Electrochemical Approaches for Sustainable Recovery of Iridium from End-of-Life Electrolyzers

SPEAKER:

Javier Castillo, AIMPLAS

WHERE:

Main Expo Hall 3.0, Messe Frankfurt, Germany

WHEN:

18 June 2026, 12:00 – 12:20

MORE INFORMATION:

<https://ewaste-expo.com/metal-recycling-expo-global>

We look forward to seeing you in Frankfurt.

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