Workshop "Sustainability and circularity strategies of End-of-Life management of energy systems: Photovoltaic and Wind"

Jointly organized by EERA JP e3s, JP PV and JP Wind

Madrid, 18th November 2026 | Hosted by CIEMAT

Call for abstracts

Background

The accelerated deployment of photovoltaic and wind energy technologies across Europe is expected to result in growing volumes of End-of-Life equipment in the coming decades, creating significant challenges for their sustainable management. These technologies contain substantial quantities of valuable materials, including critical raw materials, electronic components, rare earth magnets, aluminium, copper, silicon, silver and composite materials, many of which are essential for the energy transition. However, the recovery and reintegration of these resources into new value chains remain constrained by a range of technical, economic and regulatory challenges faced by the European recycling sector. In response, recent European policy initiatives, such as the Critical Raw Materials Act, have identified renewable energy infrastructure, electronic equipment and associated waste streams as strategic priorities for advancing circularity, resource security and industrial resilience.

Scopes

1. Electronics and critical and strategical raw materials in PV and wind technologies:
   - Materials in future PV and wind technologies
   - Electronics as an emerging urban mine
   - Digital Product Passport and traceability
2. Challenges for the European Recycling Industry:
   - Current status
   - Industrial perspective from recyclers
   - Sustainability performance of recycling pathways
3. Eco-design for circular PV and wind technologies:
   - Design for disassembly in PV and wind technologies
   - Design for recycling in PV and wind technologies
   - Sustainability indicators for eco-design decisions

New timeline

- 28 September 2026 - Abstract* submission extended deadline
- 7 October 2026 – Abstract acceptance notification & registrations opening
- 14 October 2026 – Deadline for confirmation of acceptance
- 30 October 2026 – Registrations closing

*Abstract proposal requirements

- The abstract must be submitted in English;
- Between 250-500 words;

- The abstract should be developed according to the following structure:
    - Title;
    - Key scope your abstract relates to (please see the list above);
    - Background and motivation;
    - Methodology;
    - Main results and implications.
- It must be sent to:
    - EERA JP e3s manager: m.menon@eera-set.eu

Abstracts will be evaluated by a Scientific Committee composed by representatives of the three EERA Joint Programmes.

Questions

For questions or additional information, please send an email to: m.menon@eera-set.eu