Event Program

Hydrogen Sustainability and Circularity

Event Link

Date: February 26th, 2025, 9:00 am to 3:30 pm CET
Location: Online

09:00 – 09:10	**Welcome and Introduction** Patrick Pertl (Area Manager Green Mobility, HyCentA)
09:10 – 09:40	**Eco-design as a pathway to sustainability** Javier Dufour (Head of Energía's Systems Analysis Unit and Professor at the Universidad Rey Juan Carlos, IMDEA Madrid)
09:40 – 10:10	**Sustainability and circularity of fuel cells: between challenges and opportunities** Aymeric Canton (Program Manager, CEA)
10:10 – 10:40	**Closing the loop: precious metal recycling to support the hydrogen and fuel cell scale-up** Christian Gebauer (Head of Research and Development, Heraeus Precious Metals)
10:40 – 10:50	**Break**
10:50 – 11:20	**Towards a close-loop recycling of critical raw materials and ionomer in fuel cells and electrolyzer: the experience of Hensel Recycling** Anna Marchisio (Business Development Manager, Hensel Recycling)
11:20 – 11:50	**Noble metal reduction and corresponding footprint of coatings for metallic bipolar plates** Mathias Reum (Manager Strategic Business Unit Fuel Cell, Schaeffler AG)
11:50 – 12:50	**Lunch Break**
12:50 – 13:20	**Sustainability assessment of H2 technologies** Alessandro Agostini (Head of the Energy Technologies Sustainability Unit, ENEA)
13:20 – 13:50	**To be Determined**
13:50 – 14:00	**Break**
14:00 – 14:30	**Roadmap to recycling of PEM electrolyzer components** Marianne Kapp (Project Manager, HyCentA Research GmbH)
14:30 – 15:00	**Recycling as the key for developing sustainable hydrogen storage materials** Claudio Pistidda (Group Leader Experimental Research, Helmholtz-Zentrum hereon GmbH)
15:00 – 15:30	**Thermomechanical stability of hydrocarbon-based membranes in PEM fuel cells** Aniket Kumar (Researcher, Simon Fraser University)

IEA Technology Collaboration Programme Advanced Fuel Cells

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