



MEETING POINT



production from renewable hydrogen

The main objective of the PROMET-H2 project is to develop a **polymer technology electrolyser** – one of the most suitable for coupling this process to the production of renewable methanol – **reducing its current cost and making it more sustainable and reliable**.

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Last September Monolithos presented at the **10th EASN Virtual International Conference** the results of the study "Recycling of Critical Raw Materials from Hydrogen Chemical Storage Stacks (PEMWE), Membrane Electrode Assemblies (MEA) and Electrocatalysts". Due to the Covid situation this event took place online.

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Do not miss our article on IOP Conference Series: Materials Science and Engineering

Within the framework of the PROMET-H2 project, MONOLITHOS has developed a novel optimized hydrometallurgical method for high PGMs recovery from spent automotive catalysts. This work aims to describe how this method can be applied to the EoL phase of PEMWE to improve techno-environmental and techno-economical performance of CRMs recovery.

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UPCOMING EVENTS



We participate at the 240th ECS Meeting

The unique blend of electrochemical and solid state science and technology at an ECS Meeting provides an opportunity and forum to learn and exchange information on the latest scientific and technical developments in a variety of interdisciplinary areas.

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international fuel cell & electrolyser event

The EFCF 2021 addresses issues of low-temperature FUEL CELLS and ELECTROLYSERS including CO₂ REDUCTION. These technologies are also strongly linked to hydrogen and its Processing. The conference topics will range from fundamental understanding of the relevant materials as well as of the kinetics and mass/heat/water transport processes, H₂ purification, compression, storage and distribution, all the way to the implementation in real-world devices, requiring optimized engineering designs.

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