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Editorial

10th Anniversary of *Johnson Matthey Technology Review*

NON-PEER REVIEWED FEATURE

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2024 marks the 10th anniversary of the name change from *Platinum Metals Review* to *Johnson Matthey Technology Review* (1, 2). With that change came a widening of scope to better reflect the breadth of science and technologies that will be needed to catalyse the net zero transition. Many of the world's leading energy, chemicals and automotive companies depend on our technology and expertise to decarbonise, reduce harmful emissions and improve their sustainability.

Past themed issues of this journal have included aspects of fundamental science such as characterisation (3), electrochemistry (4), surface science (5), interdisciplinary science (6, 7) and digitalisation (8, 9). Sustainability continues to be central in facing the challenges of climate change, energy supply and resource scarcity, the decarbonisation of fuels, chemicals and industrial processes in alignment with United Nations Sustainability Goals as many past issues of this journal have shown (10–16).

We have also taken in-depth looks at specific applications such as clean mobility, including the ongoing importance of emissions control from traditionally fuelled applications as well as the shift towards zero emissions technologies (17, 18).

The Platinum Group Metals

The platinum group metals (pgms) are underpinning materials for both established applications and emerging technologies like fuel cells and electrolyser stacks (19–21). As one of the world's first circular economies, secondary, or recycled, pgms help to significantly reduce the emissions and environmental impact associated with mining these vital materials.

Advanced Materials

The theme of this issue is Advanced Materials. We include articles on ruthenium, rhodium and rhodium alloy films and nanoparticles; study the properties of platinum group metal carbides; discuss the behaviour of titanium and take a closer look at iridium oxide catalyst stability as well as reviewing the performance of various metallic surfaces in real-world applications.

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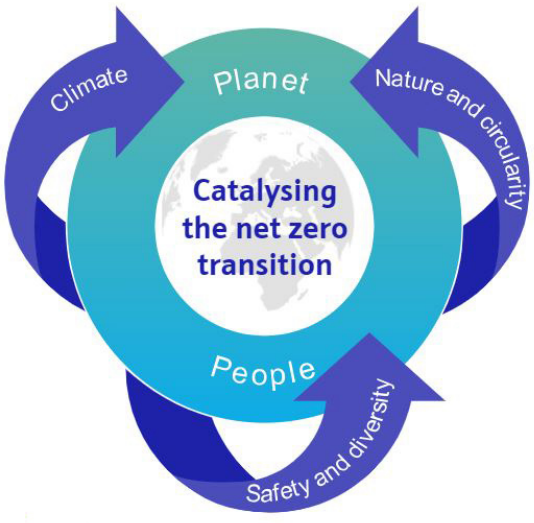

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Website

Look out for the redesigned website coming soon in FY 2024/25. We listened to authors' and readers' feedback and we will introduce improved features including: support for ORCID IDs; improved display of mathematical equations; support for keywords; support for author contribution and funding statements; enhanced metrics and citation tracking among others. We will continue to support and enhance existing features like Fast Track publication of accepted manuscripts; support for digital object identifiers; annual Impact Factor and Open Access.

Look out for the refreshed site coming soon!