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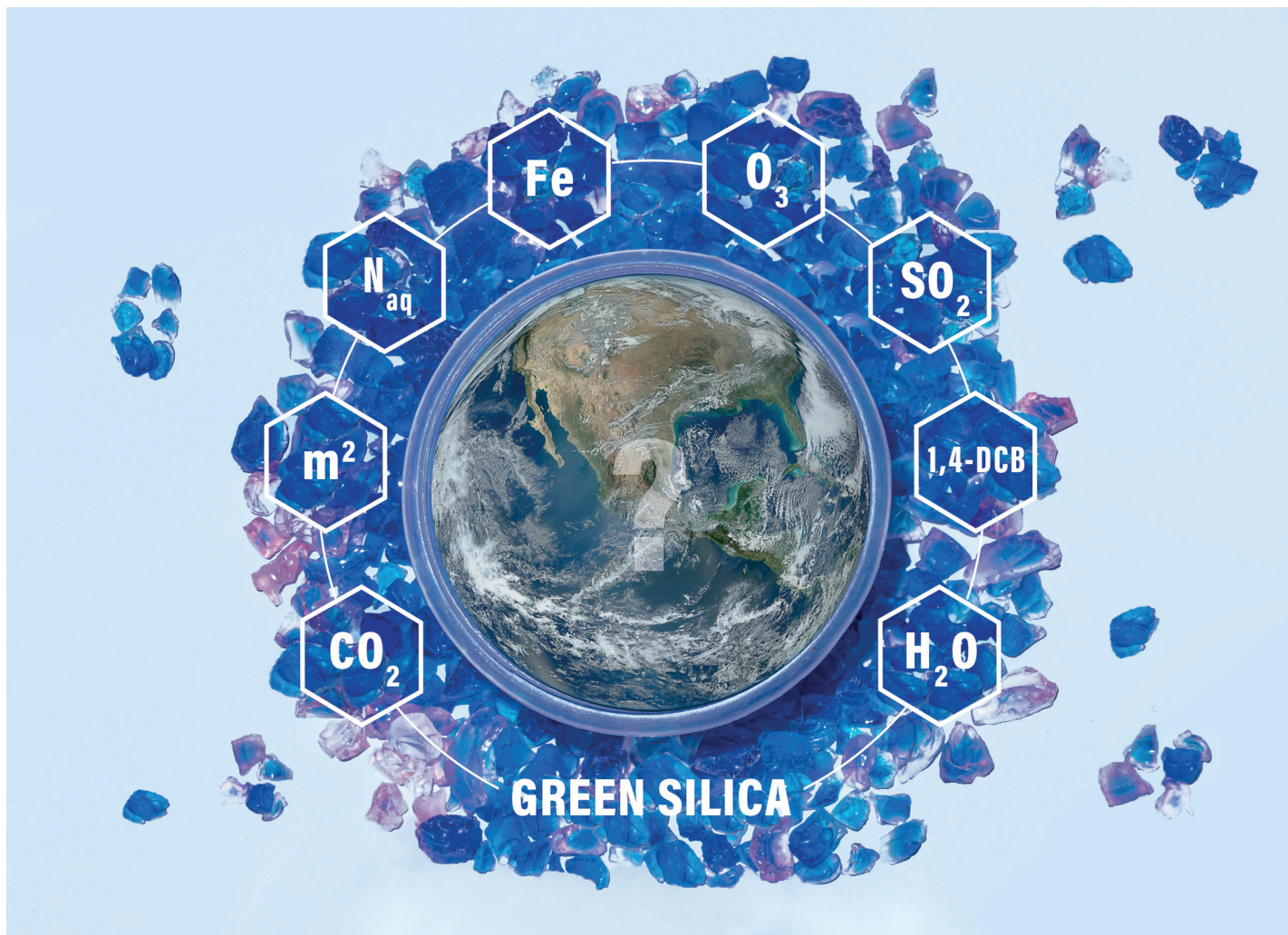
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Showcasing research from Ethan Errington in collaboration with Prof. Jerry Heng (Imperial College London) and Dr. Miao Guo (Kings College London). Designed by: Kirsty Jane Pavier. Image of silica gel granules licensed from iStock.com/Soumen Tarafder.

Synthetic amorphous silica: environmental impacts of current industry and the benefit of biomass-derived silica

Little is available on the environmental impacts of manufacturing Synthetic Amorphous Silica (SAS) despite millions of tonnes being produced annually. Thus, this work assesses the environmental impacts of SAS produced both by commercial methods and from rice husk - a popular “green” alternative. Including consideration for uncertainty, results provide benchmarks and raise questions about the footprint of the SAS industry.

As featured in:



See Miao Guo, Jerry Y. Y. Heng *et al.*, *Green Chem.*, 2023, 25, 4244.